

refereed articles -May 31, 2023

(207)

**Title:** Initial flash and spectral formation of Type Ia supernovae with an envelope: applications to overluminous SNe Ia

**Authors:** Maeda, K., Jiang, J., Doi, M., Kawabata, M., and Shigeyama, T.

**Number of Authors:** 5(3)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 521, Issue 2, pp.1897-1907

**Date:** 05/2023

(206)

**Title:** Fast optical flares from M dwarfs detected by a one-second-cadence survey with Tomo-e Gozen

**Authors:** Aizawa, M., Kawana, K., Kashiyama, K., Ohsawa, R., Kawahara, H., Naokawa, F., Tajiri, T., Arima, N., Jiang, H., Hartwig, T., Fujisawa, K., Shigeyama, T., Arimatsu, K., Doi, M., Kasuga, T., Kobayashi, N., Kondo, S., Mori, Y., Okumura, S., Takita, S., and Sako, S.

**Number of Authors:** 21(14)

**Journal:** Publications of the Astronomical Society of Japan, Volume 74, Issue 5, pp.1069-1094

**Date:** 10/2022

(205)

**Title:** Video observations of tiny near-Earth objects with Tomo-e Gozen

**Authors:** Beniyama, J., Sako, S., Ohsawa, R., Takita, S., Kobayashi, N., Okumura, S., Urakawa, S., Yoshikawa, M., Usui, F., Yoshida, F., Doi, M., Niino, Y., Shigeyama, T., Tanaka, M., Tominaga, N., Aoki, T., Arima, N., Arimatsu, K., Kasuga, T., Kondo, S., Mori, Y., Takahashi, H., and Watanabe, J.

**Number of Authors:** 23(11)

**Journal:** Publications of the Astronomical Society of Japan, Volume 74, Issue 4, pp.877-903

**Date:** 08/2022

(204)

**Title:** MUSSES2020J: The Earliest Discovery of a Fast Blue Ultraluminous Transient at

Redshift 1.063

**Authors:** Jiang, J., Yasuda, N., Maeda, K., Tominaga, N., Doi, M., Ivezić, Ž., Yoachim, P., Uno, K., Moriya, T. J., Kumar, B., Pan, Y.-C., Tanaka, M., Tanaka, M., Nomoto, K., Jha, S. W., Ruiz-Lapuente, P., Jones, D., Shigeyama, T., Suzuki, N., Kokubo, M., Furusawa, H., Miyazaki, S., Connolly, A. J., Sahu, D. K., and Anupama, G. C.

**Number of Authors:** 25(5)

**Journal:** The Astrophysical Journal Letters, Volume 933, Issue 2, id.L36, 9 pp.

**Date:** 07/2022

(203)

**Title:** Deep Simultaneous Limits on Optical Emission from FRB 20190520B by 24.4 fps Observations with Tomo-e Gozen

**Authors:** Niino, Y., Doi, M., Sako, S., Ohsawa, R., Arima, N., Jiang, J., Tominaga, N., Tanaka, M., Li, D., Niu, C. H., Tsai, C. W., Kobayashi, N., Takahashi, H., Kondo, S., Mori, Y., Aoki, T., Arimatsu, K., Kasuga, T., and Okumura, S.

**Number of Authors:** 19(2)

**Journal:** The Astrophysical Journal, Volume 931, Issue 2, id.109, 7 pp.

**Date:** 06/2022

(202)

**Title:** A Very Metal-poor RR Lyrae Star with a Disk Orbit Found in the Solar Neighborhood

**Authors:** Matsunaga, N., Itane, A., Hattori, K., Crestani, J., Braga, V., Bono, G., Taniguchi, D., Baba, J., Maehara, H., Ukita, N., Sakamoto, T., Kobayashi, N., Aoki, T., Soyano, T., Tarusawa, K., Sarugaku, Y., Mito, H., Sako, S., Doi, M., Nakada, Y., Izumi, N., Ita, Y., Onozato, H., Jian, M., Kondo, S., Hamano, S., Yasui, C., Tsujimoto, T., Otsubo, S., Ikeda, Y., and Kawakita, H.

**Number of Authors:** 31(19)

**Journal:** The Astrophysical Journal, Volume 925, Issue 1, id.10, 11 pp.

**Date:** 01/2022

(201)

**Title:** Discovery of the Fastest Early Optical Emission from Overluminous SN Ia 2020hvf: A Thermonuclear Explosion within a Dense Circumstellar Environment

**Authors:** Jiang, J., Maeda, K., Kawabata, M., Doi, M., Shigeyama, T., Tanaka, M., Tominaga, N., Nomoto, K., Niino, Y., Sako, S., Ohsawa, R., Schramm, M., Yamanaka, M.,

Kobayashi, N., Takahashi, H., Nakaoka, T., Kawabata, K. S., Isogai, K., Aoki, T., Kondo, S., Mori, Y., Arimatsu, K., Kasuga, T., Okumura, S., Urakawa, S., Reichart, D. E., Taguchi, K., Arima, N., Beniyama, J., Uno, K., and Hamada, T.

**Number of Authors:** 31(4)

**Journal:** The Astrophysical Journal Letters, Volume 923, Issue 1, id.L8, 14 pp.

**Date:** 12/2021

(200)

**Title:** Compact green Ti:sapphire astro-comb with a 43 GHz repetition frequency

**Authors:** Chae, E., Kambe, E., Motohara, K., Izumiura, H., Doi, M., and Yoshioka, K.

**Number of Authors:** 6(5)

**Journal:** Journal of the Optical Society of America B, vol. 38, issue 7, p. A1

**Date:** 07/2021

(199)

**Title:** Intrinsic color diversity of nearby Type Ia supernovae

**Authors:** Arima, N., Doi, M., Morokuma, T., and Takanashi, N.

**Number of Authors:** 4(2)

**Journal:** Publications of the Astronomical Society of Japan, Volume 73, Issue 2, pp.326-337

**Date:** 04/2021

(198)

**Title:** Relationship between radar cross section and optical magnitude based on radar and optical simultaneous observations of faint meteors

**Authors:** Ohsawa, R., Hirota, A., Morita, K., Abe, S., Kastinen, D., Kero, J., Szasz, C., Fujiwara, Y., Nakamura, T., Nishimura, K., Sako, S., Watanabe, J., Aoki, T., Arima, N., Arimatsu, K., Doi, M., Ichiki, M., Ikeda, S., Ita, Y., Kasuga, T., Kobayashi, N., Kokubo, M., Konishi, M., Maehara, H., Miyata, T., Mori, Y., Morii, M., Morokuma, T., Motohara, K., Nakada, Y., Okumura, S., Ichiro, Sarugaku, Y., Sato, M., Shigeyama, T., Soyano, T., Takahashi, H., Tanaka, M., Tarusawa, K., Tominaga, N., Urakawa, S., Usui, F., Yamashita, T., and Yoshikawa, M.

**Number of Authors:** 43(16)

**Journal:** Planetary and Space Science, Volume 194, article id. 105011.

**Date:** 12/2020

(197)

**Title:** The HSC-SSP Transient Survey: Implications from Early Photometry and Rise Time of Normal Type Ia Supernovae

**Authors:** Jiang, J., Yasuda, N., Maeda, K., Doi, M., Shigeyama, T., Tominaga, N., Tanaka, M., Moriya, T. J., Takahashi, I., Suzuki, N., Morokuma, T., and Nomoto, K.

**Number of Authors:** 12(4)

**Journal:** The Astrophysical Journal, Volume 892, Issue 1, id.25

**Date:** 03/2020

(196)

**Title:** An optical search for transients lasting a few seconds

**Authors:** Richmond, M. W., Tanaka, M., Morokuma, T., Sako, S., Ohsawa, R., Arima, N., Tominaga, N., Doi, M., Aoki, T., Arimatsu, K., Ichiki, M., Ikeda, S., Ita, Y., Kasuga, T., Kawabata, K. S., Kawakita, H., Kobayashi, N., Kokubo, M., Konishi, M., Maehara, H., Mito, H., Miyata, T., Mori, Y., Morii, M., Motohara, K., Nakada, Y., Okumura, S., Onozato, H., Sarugaku, Y., Sato, M., Shigeyama, T., Soyano, T., Takahashi, H., Tanikawa, A., Tarusawa, K., Urakawa, S., Usui, F., Watanabe, J., Yamashita, T., and Yoshikawa, M.

**Number of Authors:** 40(8)

**Journal:** Publications of the Astronomical Society of Japan, Volume 72, Issue 1, id.3

**Date:** 02/2020

(195)

**Title:** New Constraint on the Atmosphere of (50000) Quaoar from a Stellar Occultation

**Authors:** Arimatsu, K., Ohsawa, R., Hashimoto, G. L., Urakawa, S., Takahashi, J., Tozuka, M., Itoh, Y., Yamashita, M., Usui, F., Aoki, T., Arima, N., Doi, M., Ichiki, M., Ikeda, S., Ita, Y., Kasuga, T., Kobayashi, N., Kokubo, M., Konishi, M., Maehara, H., Matsunaga, N., Miyata, T., Morii, M., Morokuma, T., Motohara, K., Nakada, Y., Okumura, S., Sako, S., Sarugaku, Y., Sato, M., Shigeyama, T., Soyano, T., Takahashi, H., Tarusawa, K., Tominaga, N., Watanabe, J., Yamashita, T., and Yoshikawa, M.

**Number of Authors:** 38(12)

**Journal:** The Astronomical Journal, Volume 158, Issue 6, article id. 236, 7 pp. (2019).

**Date:** 12/2019

(194)

**Title:** A Rapidly Declining Transient Discovered with the Subaru/Hyper Suprime-Cam

**Authors:** Tominaga, N., Morokuma, T., Tanaka, M., Yasuda, N., Furusawa, H., Tanaka, M., Jiang, J., Tolstov, A., Blinnikov, S., Doi, M., Iwata, I., Kuncarayakti, H., Moriya, T. J., Nagao, T., Nomoto, K., Noumaru, J., and Takata, T.

**Number of Authors:** 17(10)

**Journal:** The Astrophysical Journal, Volume 885, Issue 1, article id. 13, 14 pp. (2019).

**Date:** 11/2019

(193)

**Title:** Ground-based Pa $\alpha$  narrow-band imaging of local luminous infrared galaxies. II. Bulge structure and star formation activity

**Authors:** Tateuchi, K., Motohara, K., Konishi, M., Takahashi, H., Kitagawa, Y., Kato, N., Todo, S., Komugi, S., Ohsawa, R., Doi, M., and Yoshii, Y.

**Number of Authors:** 11(10)

**Journal:** Publications of the Astronomical Society of Japan, Volume 71, Issue 3, id.64

**Date:** 06/2019

(192)

**Title:** A Long-duration Luminous Type II<sup>n</sup> Supernova KISS15s: Strong Recombination Lines from the Inhomogeneous Ejecta-CSM Interaction Region and Hot Dust Emission from Newly Formed Dust

**Authors:** Kokubo, M., Mitsuda, K., Morokuma, T., Tominaga, N., Tanaka, M., Moriya, T. J., Yoachim, P., Ivezić, Ž., Sako, S., and Doi, M.

**Number of Authors:** 10(10)

**Journal:** The Astrophysical Journal, Volume 872, Issue 2, article id. 135, 34 pp. (2019).

**Date:** 02/2019

(191)

**Title:** Luminosity function of faint sporadic meteors measured with a wide-field CMOS mosaic camera Tomo-e PM

**Authors:** Ohsawa, R., Sako, S., Sarugaku, Y., Usui, F., Ootsubo, T., Fujiwara, Y., Sato, M., Kasuga, T., Arimatsu, K., Watanabe, J., Doi, M., Kobayashi, N., Takahashi, H., Motohara, K., Morokuma, T., Konishi, M., Aoki, T., Soyano, T., Tarusawa, K., Mori, Y., Nakada, Y., Ichiki, M., Arima, N., Kojima, Y., Morita, M., Shigeyama, T., Ita, Y., Kokubo, M., Mitsuda, K., Maehara, H., Tominaga, N., Yamashita, T., Ikeda, S., Morii, M., Urakawa, S., Okumura, S., and Yoshikawa, M.

**Number of Authors:** 37(11)

**Journal:** Planetary and Space Science, Volume 165, p. 281-292.

**Date:** 01/2019

(190)

**Title:** Surface Radioactivity or Interactions? Multiple Origins of Early-excess Type Ia Supernovae and Associated Subclasses

**Authors:** Jiang, J., Doi, M., Maeda, K., and Shigeyama, T.

**Number of Authors:** 4(2)

**Journal:** The Astrophysical Journal, Volume 865, Issue 2, article id. 149, 13 pp. (2018).

**Date:** 10/2018

(189)

**Title:** Type Ia Supernovae in the First Few Days: Signatures of Helium Detonation versus Interaction

**Authors:** Maeda, K., Jiang, J., Shigeyama, T., and Doi, M.

**Number of Authors:** 4(4)

**Journal:** The Astrophysical Journal, Volume 861, Issue 2, article id. 78, 23 pp. (2018).

**Date:** 7/2018

(188)

**Title:** The Data Release of the Sloan Digital Sky Survey-II Supernova Survey

**Authors:** Sako, M., Bassett, B., Becker, A. C., Brown, P. J., Campbell, H., Wolf, R., Cinabro, D., D'Andrea, C. B., Dawson, K. S., DeJongh, F., Depoy, D. L., Dilday, B., Doi, M., Filippenko, A. V., Fischer, J. A., Foley, R. J., Frieman, J. A., Galbany, L., Garnavich, P. M., Goobar, A., Gupta, R. R., Hill, G. J., Hayden, B. T., Hlozek, R., Holtzman, J. A., Hopp, U., Jha, S. W., Kessler, R., Kollatschny, W., Leloudas, G., Marriner, J., Marshall, J. L., Miquel, R., Morokuma, T., Mosher, J., Nichol, R. C., Nordin, J., Olmstead, M. D., Östman, L., Prieto, J. L., Richmond, M., Romani, R. W., Sollerman, J., Stritzinger, M., Schneider, D. P., Smith, M., Wheeler, J. C., Yasuda, N., and Zheng, C.

**Number of Authors:** 49(13)

**Journal:** Publications of the Astronomical Society of the Pacific, Volume 130, Issue 988, pp. 064002 (2018).

**Date:** 6/2018

(187)

**Title:** Constraints on core-collapse supernova progenitors from explosion site integral field spectroscopy

**Authors:** Kuncarayakti, H., Anderson, J. P., Galbany, L., Maeda, K., Hamuy, M., Aldering, G., Arimoto, N., Doi, M., Morokuma, T., and Usuda, T.

**Number of Authors:** 10(8)

**Journal:** Astronomy & Astrophysics, Volume 613, id.A35, 18 pp.

**Date:** 5/2018

(186)

**Title:** Kilonova from post-merger ejecta as an optical and near-Infrared counterpart of GW170817

**Authors:** Tanaka, M., Utsumi, Y., Mazzali, P. A., Tominaga, N., Yoshida, M., Sekiguchi, Y., Morokuma, T., Motohara, K., Ohta, K., Kawabata, K. S., Abe, F., Aoki, K., Asakura, Y., Baar, S., Barway, S., Bond, I. A., Doi, M., Fujiyoshi, T., Furusawa, H., Honda, S., Itoh, Y., Kawabata, M., Kawai, N., Kim, J. H., Lee, C., Miyazaki, S., Morihana, K., Nagashima, H., Nagayama, T., Nakaoka, T., Nakata, F., Ohsawa, R., Ohshima, T., Okita, H., Saito, T., Sumi, T., Tajitsu, A., Takahashi, J., Takayama, M., Tamura, Y., Tanaka, I., Terai, T., Tristram, P. J., Yasuda, N., and Zenko, T.

**Number of Authors:** 45(17)

**Journal:** Publications of the Astronomical Society of Japan, Volume 69, Issue 6, id.102

**Date:** 12/2017

(185)

**Title:** J-GEM observations of an electromagnetic counterpart to the neutron star merger GW170817

**Authors:** Utsumi, Y., Tanaka, M., Tominaga, N., Yoshida, M., Barway, S., Nagayama, T., Zenko, T., Aoki, K., Fujiyoshi, T., Furusawa, H., Kawabata, K. S., Koshida, S., Lee, C., Morokuma, T., Motohara, K., Nakata, F., Ohsawa, R., Ohta, K., Okita, H., Tajitsu, A., Tanaka, I., Terai, T., Yasuda, N., Abe, F., Asakura, Y., Bond, I. A., Miyazaki, S., Sumi, T., Tristram, P. J., Honda, S., Itoh, R., Itoh, Y., Kawabata, M., Morihana, K., Nagashima, H., Nakaoka, T., Ohshima, T., Takahashi, J., Takayama, M., Aoki,

W., Baar, S., Doi, M., Finet, F., Kanda, N., Kawai, N., Kim, J. H., Kuroda, D., Liu, W., Matsubayashi, K., Murata, K. L., Nagai, H., Saito, T., Saito, Y., Sako, S., Sekiguchi, Y., Tamura, Y., Tanaka, M., Uemura, M., and Yamaguchi, M. S.

**Number of Authors:** 59(42)

**Journal:** Publications of the Astronomical Society of Japan, Volume 69, Issue 6, id.101

**Date:** 12/2017

(184)

**Title:** OISTER optical and near-infrared monitoring observations of peculiar radio-loud active galactic nucleus SDSS J110006.07+442144.3

**Authors:** Morokuma, T., Tanaka, M., Tanaka, Y. T., Itoh, R., Tominaga, N., Gandhi, P., Pian, E., Mazzali, P., Ohta, K., Matsumoto, E., Shibata, T., Akimoto, H., Akitaya, H., Ali, G. B., Aoki, T., Doi, M., Ebisuda, N., Essam, A., Fujisawa, K., Fukushima, H., Goda, S., Gouda, Y., Hanayama, H., Hashiba, Y., Hashimoto, O., Hayashida, K., Hiratsuka, Y., Honda, S., Imai, M., Inoue, K., Ishibashi, M., Iwata, I., Izumiura, H., Kanda, Y., Kawabata, M., Kawaguchi, K., Kawai, N., Kokubo, M., Kuroda, D., Maehara, H., Mito, H., Mitsuda, K., Miyagawa, R., Miyaji, T., Miyamoto, Y., Morihana, K., Moritani, Y., Morokuma-Matsui, K., Murakami, K., Murata, K. L., Nagayama, T., Nakamura, K., Nakaoka, T., Niinuma, K., Nishimori, T., Nogami, D., Oasa, Y., Oda, T., Ohshima, T., Saito, Y., Sakata, S., Sako, S., Sarugaku, Y., Sawada-Satoh, S., Seino, G., Sorai, K., Soyano, T., Taddia, F., Takahashi, J., Takagi, Y., Takaki, K., Takata, K., Tarusawa, K., Uemura, M., Ui, T., Urigo, R., Ushioda, K., Watanabe, J., Watanabe, M., Yamashita, S., Yanagisawa, K., Yonekura, Y., and Yoshida, M.

**Number of Authors:** 83(16)

**Journal:** Publications of the Astronomical Society of Japan, Volume 69, Issue 5, id.82

**Date:** 10/2017

(183)

**Title:** A hybrid type Ia supernova with an early flash triggered by helium-shell detonation

**Authors:** Jiang, J.-A., Doi, M., Maeda, K., Shigeyama, T., Nomoto, K.,



Yasuda, N., Jha, S. W., Tanaka, M., Morokuma, T., Tominaga, N., Ivezić, Ž., Ruiz-Lapuente, P., Stritzinger, M. D., Mazzali, P. A., Ashall, C., Mould, J., Baade, D., Suzuki, N., Connolly, A. J., Patat, F., Wang, L., Yoachim, P., Jones, D., Furusawa, H., and Miyazaki, S.

**Number of Authors:** 25(2)

**Journal:** Nature, Volume 550, Issue 7674, pp. 80-83 (2017).

**Date:** 10/2017

(182)

**Title:** Multi-messenger Observations of a Binary Neutron Star Merger

**Authors:** Abbott, B. P., Abbott, R., Abbott, T. D., et al.

**Number of Authors:** 3674(2346)

**Journal:** The Astrophysical Journal Letters, Volume 848, Issue 2, article id. L12, 59 pp. (2017).

**Date:** 10/2017

(181)

**Title:** H $\alpha$  Intensity Map of the Repeating Fast Radio Burst FRB 121102 Host Galaxy from Subaru/Kyoto 3DII AO-assisted Optical Integral-field Spectroscopy

**Authors:** Kokubo, M., Mitsuda, K., Sugai, H., Ozaki, S., Minowa, Y., Hattori, T., Hayano, Y., Matsubayashi, K., Shimono, A., Sako, S., and Doi, M.

**Number of Authors:** 11(11)

**Journal:** The Astrophysical Journal, Volume 844, Issue 2, article id. 95, 9 pp. (2017).

**Date:** 8/2017

(180)

**Title:** J-GEM follow-up observations of the gravitational wave source GW151226\*

**Authors:** Yoshida, M., Utsumi, Y., Tominaga, N., Morokuma, T., Tanaka, M., Asakura, Y., Matsubayashi, K., Ohta, K., Abe, F., Chimasu, S., Furusawa, H., Itoh, R., Itoh, Y., Kanda, Y., Kawabata, K. S., Kawabata, M., Koshida, S., Koshimoto, N., Kuroda, D., Moritani, Y., Motohara, K., Murata, K. L., Nagayama, T., Nakaoka, T., Nakata, F., Nishioka, T., Saito, Y., Terai, T., Tristram, P. J., Yanagisawa, K., Yasuda, N., Doi, M., Fujisawa, K., Kawachi, A., Kawai, N., Tamura, Y., Uemura, M., and Yatsu, Y.

**Number of Authors:** 38(32)

**Journal:** Publications of the Astronomical Society of Japan, Volume 69,  
Issue 1, id.9 12 pp.

**Date:** 2/2017

(179)

**Title:** Photometric properties of intermediate-redshift Type Ia supernovae  
observed by the Sloan Digital Sky Survey-II Supernova Survey

**Authors:** Takanashi, N., Doi, M., Yasuda, N., Kuncarayakti, H., Konishi, K.,  
Schneider, D. P., Cinabro, D., and Marriner, J.

**Number of Authors:** 8(2)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 465,  
Issue 2, p.1274-1288

**Date:** 2/2017

(178)

**Title:** Isophote Shapes of Early-type Galaxies in Massive Clusters at  $z \sim 1$   
and 0

**Authors:** Mitsuda, K., Doi, M., Morokuma, T., Suzuki, N., Yasuda, N.,  
Perlmutter, S., Aldering, G., and Meyers, J.

**Number of Authors:** 8(2)

**Journal:** The Astrophysical Journal, Volume 834, Issue 2, article id. 109, 23 pp. (2017).

**Date:** 1/2017

(177)

**Title:** X-Ray and Optical Correlation of Type I Seyfert NGC 3516 Studied  
with Suzaku and Japanese Ground-based Telescopes

**Authors:** Noda, H., Minezaki, T., Watanabe, M., Kokubo, M., Kawaguchi, K.,  
Itoh, R., Morihana, K., Saito, Y., Nakao, H., Imai, M., Moritani, Y.,  
Takaki, K., Kawabata, M., Nakaoka, T., Uemura, M., Kawabata, K., Yoshida,  
M., Arai, A., Takagi, Y., Morokuma, T., Doi, M., Itoh, Y., Yamada, S.,  
Nakazawa, K., Fukazawa, Y., and Makishima, K.

**Number of Authors:** 26(21)

**Journal:** The Astrophysical Journal, Volume 828, Issue 2, article id. 78, 15 pp. (2016).

**Date:** 9/2016

(176)

**Title:** J-GEM follow-up observations to search for an optical counterpart of the first gravitational wave source GW150914

**Authors:** Morokuma, T., Tanaka, M., Asakura, Y., Abe, F., Tristram, P. J., Utsumi, Y., Doi, M., Fujisawa, K., Itoh, R., Itoh, Y., Kawabata, K. S., Kawai, N., Kuroda, D., Matsubayashi, K., Motohara, K., Murata, K. L., Nagayama, T., Ohta, K., Saito, Y., Tamura, Y., Tominaga, N., Uemura, M., Yanagisawa, K., Yatsu, Y., and Yoshida, M.

**Number of Authors:** 25(7)

**Journal:** Publications of the Astronomical Society of Japan, Volume 68, Issue 4, id.L9 6 pp.

**Date:** 8/2016

(175)

**Title:** Supplement: “Localization and Broadband Follow-up of the Gravitational-wave Transient GW150914” (2016, ApJL, 826, L13)

**Authors:** Abbott, B. P., Abbott, R., Abbott, T. D., et al.

**Number of Authors:** 1577(1384)

**Journal:** The Astrophysical Journal Supplement Series, Volume 225, Issue 1, article id. 8, 15 pp. (2016).

**Date:** 7/2016

(174)

**Title:** Localization and Broadband Follow-up of the Gravitational-wave Transient GW150914

**Authors:** Abbott, B. P., Abbott, R., Abbott, T. D., et al.

**Number of Authors:** 1577(1384)

**Journal:** The Astrophysical Journal Letters, Volume 826, Issue 1, article id. L13, 8 pp. (2016).

**Date:** 7/2016

(173)

**Title:** An effective selection method for low-mass active black holes and first spectroscopic identification

**Authors:** Morokuma, T., Tominaga, N., Tanaka, M., Yasuda, N., Furusawa, H., Taniguchi, Y., Kato, T., Jiang, J., Nagao, T., Kuncarayakti, H.,

Morokuma-Matsui, K., Ikeda, H., Blinnikov, S., Nomoto, K., Kokubo, M., and Doi, M.

**Number of Authors:** 16(16)

**Journal:** Publications of the Astronomical Society of Japan, Volume 68, Issue 3, id.40 10 pp.

**Date:** 6/2016

(172)

**Title:** Evolving into a remnant: optical observations of SN 1978K at three decades

**Authors:** Kuncarayakti, H., Maeda, K., Anderson, J. P., Hamuy, M., Nomoto, K., Galbany, L., and Doi, M.

**Number of Authors:** 7(7)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 458, Issue 2, p.2063-2073

**Date:** 5/2016

(171)

**Title:** Rapidly Rising Transients from the Subaru Hyper Suprime-Cam Transient Survey

**Authors:** Tanaka, M., Tominaga, N., Morokuma, T., Yasuda, N., Furusawa, H., Baklanov, P. V., Blinnikov, S. I., Moriya, T. J., Doi, M., Jiang, J., Kato, T., Kikuchi, Y., Kuncarayakti, H., Nagao, T., Nomoto, K., and Taniguchi, Y.

**Number of Authors:** 16(9)

**Journal:** The Astrophysical Journal, Volume 819, Issue 1, article id. 5, 15 pp. (2016).

**Date:** 3/2016

(170)

**Title:** Constraining Supernova Progenitors: AN Integral Field Spectroscopic Survey of the Explosion Sites

**Authors:** Kuncarayakti, H., Aldering, G., Anderson, J. P., Arimoto, N., Doi, M., Galbany, L., Hamuy, M., Hashiba, Y., Kruehler, T., Maeda, K., Morokuma, T., and Usuda, T.

**Number of Authors:** 12(5)

**Journal:** Publications of The Korean Astronomical Society, vol. 30, issue 2, pp. 139-143  
**Date:** 9/2015

(169)

**Title:** Ground-based Pa $\alpha$  Narrow-band Imaging of Local Luminous Infrared Galaxies. I. Star Formation Rates and Surface Densities

**Authors:** Tateuchi, K., Konishi, M., Motohara, K., Takahashi, H., Mitani Kato, N., Kitagawa, Y., Todo, S., Toshikawa, K., Sako, S., Uchimoto, Y. K., Ohsawa, R., Asano, K., Ita, Y., Kamizuka, T., Komugi, S., Koshida, S., Manabe, S., Nakamura, T., Nakashima, A., Okada, K., Takagi, T., Tanabe, T., Uchiyama, M., Aoki, T., Doi, M., Handa, T., Kawara, K., Kohno, K., Minezaki, T., Miyata, T., Morokuma, T., Soyano, T., Tamura, Y., Tanaka, M., Tarusawa, K., and Yoshii, Y.

**Number of Authors:** 36(25)

**Journal:** The Astrophysical Journal Supplement Series, Volume 217, Issue 1, article id. 1, 26 pp. (2015).

**Date:** 3/2015

(168)

**Title:** ANIR: Atacama near-infrared camera for the 1.0 m miniTAO telescope

**Authors:** Konishi, M., Motohara, K., Tateuchi, K., Takahashi, H., Kitagawa, Y., Kato, N., Sako, S., Uchimoto, Y. K., Toshikawa, K., Ohsawa, R., Yamamuro, T., Asano, K., Ita, Y., Kamizuka, T., Komugi, S., Koshida, S., Manabe, S., Matsunaga, N., Minezaki, T., Morokuma, T., Nakashima, A., Takagi, T., Tanabe, T., Uchiyama, M., Aoki, T., Doi, M., Handa, T., Kato, D., Kawara, K., Kohno, K., Miyata, T., Nakamura, T., Okada, K., Soyano, T., Tamura, Y., Tanaka, M., Tarusawa, K., and Yoshii, Y.

**Number of Authors:** 38(26)

**Journal:** Publications of the Astronomical Society of Japan, Volume 67, Issue 1, id.4 15 pp.

**Date:** 2/2015

(167)

**Title:** Kiso Supernova Survey (KISS): Survey strategy

**Authors:** Morokuma, T., Tominaga, N., Tanaka, M., Mori, K., Matsumoto, E.,

Kikuchi, Y., Shibata, T., Sako, S., Aoki, T., Doi, M., Kobayashi, N.,  
Maehara, H., Matsunaga, N., Mito, H., Miyata, T., Nakada, Y., Soyano, T.,  
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T., Hsiao, E. Y., Itoh, R., Iwata, I., Kawabata, K. S., Kawai, N.,  
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D., Saito, Y., Sano, K., Stritzinger, M. D., Tachibana, Y., Taddia, F.,  
Takaki, K., Tateuchi, K., Tomita, A., Tsvetkov, D., Ui, T., Ukita, N.,  
Urata, Y., Walker, E. S., and Yoshii, T.

**Number of Authors:** 59(10)

**Journal:** Publications of the Astronomical Society of Japan, Volume 66,  
Issue 6, id.114 16 pp.

**Date:** 12/2014

(166)

**Title:** Discovery of Dramatic Optical Variability in SDSS J1100+4421: A  
Peculiar Radio-loud Narrow-line Seyfert 1 Galaxy?

**Authors:** Tanaka, M., Morokuma, T., Itoh, R., Akitaya, H., Tominaga, N.,  
Saito, Y., Stawarz, Ł., Tanaka, Y. T., Gandhi, P., Ali, G., Aoki, T.,  
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Nagao, T., Nakada, Y., Nakata, F., Noma, C., Ohsuga, K., Okada, N.,  
Phillips, M. M., Pian, E., Richmond, M. W., Sahu, D., Sako, S., Sarugaku,  
Y., Shibata, T., Soyano, T., Stritzinger, M. D., Tachibana, Y., Taddia, F.,  
Takaki, K., Takey, A., Tarusawa, K., Ui, T., Ukita, N., Urata, Y., Walker,  
E. S., and Yoshii, T.

**Number of Authors:** 58(13)

**Journal:** The Astrophysical Journal Letters, Volume 793, Issue 2, article  
id. L26, 6 pp. (2014).

**Date:** 10/2014

(165)

**Title:** Improved cosmological constraints from a joint analysis of the

SDSS-II and SNLS supernova samples

**Authors:** Betoule, M., Kessler, R., Guy, J., Mosher, J., Hardin, D., Biswas, R., Astier, P., El-Hage, P., Konig, M., Kuhlmann, S., Marriner, J., Pain, R., Regnault, N., Balland, C., Bassett, B. A., Brown, P. J., Campbell, H., Carlberg, R. G., Cellier-Holzem, F., Cinabro, D., Conley, A., D'Andrea, C. B., DePoy, D. L., Doi, M., Ellis, R. S., Fabbro, S., Filippenko, A. V., Foley, R. J., Frieman, J. A., Fouchez, D., Galbany, L., Goobar, A., Gupta, R. R., Hill, G. J., Hlozek, R., Hogan, C. J., Hook, I. M., Howell, D. A., Jha, S. W., Le Guillou, L., Leloudas, G., Lidman, C., Marshall, J. L., Möller, A., Mourão, A. M., Neveu, J., Nichol, R., Olmstead, M. D., Palanque-Delabrouille, N., Perlmutter, S., Prieto, J. L., Pritchett, C. J., Richmond, M., Riess, A. G., Ruhlmann-Kleider, V., Sako, M., Schahmanche, K., Schneider, D. P., Smith, M., Sollerman, J., Sullivan, M., Walton, N. A., and Wheeler, C. J.

**Number of Authors:** 63(24)

**Journal:** Astronomy & Astrophysics, Volume 568, id.A22, 32 pp.

**Date:** 8/2014

(164)

**Title:** Faint meteor observation by large-format CMOS sensor with 1.05-m Kiso schmidt telescope

**Authors:** Watanabe, J., Kasuga, T., Terai, T., Miyazaki, S., Ohta, K., Murooka, F., Ohnishi, T., Yamasaki, T., Mito, H., Aoki, T., Soyano, T., Tarusawa, K., Matsunaga, N., Sako, S., Kobayashi, N., Doi, M., and Enomoto, T.

**Number of Authors:** 17(16)

**Journal:** The Meteoroids 2013, Proceedings of the Astronomical Conference held at A.M. University, Poznań, Poland, Aug. 26-30, 2013, Eds.: T.J. Jopek, F.J.M. Rietmeijer, J. Watanabe, I.P. Williams, A.M. University Press, 2014, p. 325-328

**Date:** 7/2014

(163)

**Title:** The Type Ia supernovae rate with Subaru/XMM-Newton Deep Survey

**Authors:** Okumura, J. E., Ihara, Y., Doi, M., Morokuma, T., Pain, R., Totani, T., Barbary, K., Takanashi, N., Yasuda, N., Aldering, G., Dawson,

K., Goldhaber, G., Hook, I., Lidman, C., Perlmutter, S., Spadafora, A., Suzuki, N., and Wang, L.

**Number of Authors:** 18(3)

**Journal:** Publications of the Astronomical Society of Japan, Volume 66, Issue 2, id.49

**Date:** 4/2014

(162)

**Title:** Statistical Properties of Multi-epoch Spectral Variability of SDSS Stripe 82 Quasars

**Authors:** Kokubo, M., Morokuma, T., Minezaki, T., Doi, M., Kawaguchi, T., Sameshima, H., and Koshida, S.

**Number of Authors:** 7(4)

**Journal:** The Astrophysical Journal, Volume 783, Issue 1, article id. 46, 20 pp. (2014).

**Date:** 3/2014

(161)

**Title:** Integral Field Spectroscopy of Supernova Explosion Sites: Constraining the Mass and Metallicity of the Progenitors. II. Type II-P and II-L Supernovae

**Authors:** Kuncarayakti, H., Doi, M., Aldering, G., Arimoto, N., Maeda, K., Morokuma, T., Pereira, R., Usuda, T., and Hashiba, Y.

**Number of Authors:** 9(2)

**Journals:** The Astronomical Journal, Volume 146, Issue 2, article id. 31, 14 pp. (2013).

**Date:** 8/2013

(160)

**Title:** Integral Field Spectroscopy of Supernova Explosion Sites: Constraining the Mass and Metallicity of the Progenitors. I. Type Ib and Ic Supernovae

**Authors:** Kuncarayakti, H., Doi, M., Aldering, G., Arimoto, N., Maeda, K., Morokuma, T., Pereira, R., Usuda, T., and Hashiba, Y.

**Number of Authors:** 9(2)

**Journal:** The Astronomical Journal, Volume 146, Issue 2, article id. 30, 14 pp. (2013).

**Date:** 8/2013



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**Title:** miniTAO/ANIR Paα SURVEY OF LOCAL LIRGs

**Authors:** Tateuchi, K., Motohara, K., Konishi, M., Takahashi, H., Kato, N., Uchimoto, Y. K., Toshikawa, K., Ohsawa, R., Kitagawa, Y., Yoshii, Y., Doi, M., Kohno, K., Kawara, K., Tanaka, M., Miyata, T., Tanabe, T., Minezaki, T., Sako, S., Morokuma, T., Tamura, Y., Aoki, T., Soyano, T., Tarusawa, K., Koshida, S., Kamizuka, T., Nakamura, T., Asano, K., Uchiyama, M., Okada, K., and Ita, Y.

**Number of Authors:** 30(11)

**Journal:** Publications of The Korean Astronomical Society, vol. 27, issue 4, pp. 297-298

**Date:** 11/2012

(158)

**Title:** The Hubble Space Telescope Cluster Supernova Survey. III. Correlated Properties of Type Ia Supernovae and Their Hosts at  $0.9 < Z < 1.46$

**Authors:** Meyers, J., Aldering, G., Barbary, K., Barrientos, L. F., Brodwin, M., Dawson, K. S., Deustua, S., Doi, M., Eisenhardt, P., Faccioli, L., Fakhouri, H. K., Fruchter, A. S., Gilbank, D. G., Gladders, M. D., Goldhaber, G., Gonzalez, A. H., Hattori, T., Hsiao, E., Ihara, Y., Kashikawa, N., Koester, B., Konishi, K., Lidman, C., Lubin, L., Morokuma, T., Oda, T., Perlmutter, S., Postman, M., Ripoche, P., Rosati, P., Rubin, D., Rykoff, E., Spadafora, A., Stanford, S. A., Suzuki, N., Takanashi, N., Tokita, K., Yasuda, N., and Supernova Cosmology Project, T.

**Number of Authors:** 39(8)

**Journal:** The Astrophysical Journal, Volume 750, Issue 1, article id. 1, 23 pp. (2012).

**Date:** 5/2012

(157)

**Title:** The Hubble Space Telescope Cluster Supernova Survey. V. Improving the Dark-energy Constraints above  $z > 1$  and Building an Early-type-hosted Supernova Sample

**Authors:** Suzuki, N., Rubin, D., Lidman, C., Aldering, G., Amanullah, R., Barbary, K., Barrientos, L. F., Botyanszki, J., Brodwin, M., Connolly, N., Dawson, K. S., Dey, A., Doi, M., Donahue, M., Deustua, S., Eisenhardt, P.,

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**Number of Authors:** 66(13)

**Journal:** The Astrophysical Journal, Volume 746, Issue 1, article id. 85, 24 pp. (2012).

**Date:** 2/2012

(156)

**Title:** The Hubble Space Telescope Cluster Supernova Survey. II. The Type Ia Supernova Rate in High-redshift Galaxy Clusters

**Authors:** Barbary, K., Aldering, G., Amanullah, R., Brodwin, M., Connolly, N., Dawson, K. S., Doi, M., Eisenhardt, P., Faccioli, L., Fadeyev, V., Fakhouri, H. K., Fruchter, A. S., Gilbank, D. G., Gladders, M. D., Goldhaber, G., Goobar, A., Hattori, T., Hsiao, E., Huang, X., Ihara, Y., Kashikawa, N., Koester, B., Konishi, K., Kowalski, M., Lidman, C., Lubin, L., Meyers, J., Morokuma, T., Oda, T., Panagia, N., Perlmutter, S., Postman, M., Riposte, P., Rosati, P., Rubin, D., Schlegel, D. J., Spadafora, A. L., Stanford, S. A., Strovink, M., Suzuki, N., Takanashi, N., Tokita, K., Yasuda, N., and Supernova Cosmology Project

**Number of Authors:** 44(7)

**Journal:** The Astrophysical Journal, Volume 745, Issue 1, article id. 32, 28 pp. (2012).

**Date:** 1/2012

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**Title:** The Hubble Space Telescope Cluster Supernova Survey. VI. The Volumetric Type Ia Supernova Rate

**Authors:** Barbary, K., Aldering, G., Amanullah, R., Brodwin, M., Connolly, N., Dawson, K. S., Doi, M., Eisenhardt, P., Faccioli, L., Fadeyev, V., Fakhouri, H. K., Fruchter, A. S., Gilbank, D. G., Gladders, M. D.,

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**Number of Authors:** 44(7)

**Journal:** The Astrophysical Journal, Volume 745, Issue 1, article id. 31, 11 pp. (2012).

**Date:** 1/2012

**Title:** Characterization of Sloan Digital Sky Survey Stellar Photometry

**Authors:** Fukugita, M., Yasuda, N., Doi, M., Gunn, J. E., and York, D. G.

**Number of Authors:** 5(3)

**Journal:** : The Astronomical Journal, Volume 141, Issue 2, article id. 47, 12 pp. (2011).

**Date:** 2/2011

(154)

**Title:** Spectra and Hubble Space Telescope Light Curves of Six Type Ia Supernovae at  $0.511 < z < 1.12$  and the Union2 Compilation

**Authors:** Amanullah, R., Lidman, C., Rubin, D., Aldering, G., Astier, P., Barbary, K., Burns, M. S., Conley, A., Dawson, K. S., Deustua, S. E., Doi, M., Fabbro, S., Faccioli, L., Fakhouri, H. K., Folatelli, G., Fruchter, A. S., Furusawa, H., Garavini, G., Goldhaber, G., Goobar, A., Groom, D. E., Hook, I., Howell, D. A., Kashikawa, N., Kim, A. G., Knop, R. A., Kowalski, M., Linder, E., Meyers, J., Morokuma, T., Nobili, S., Nordin, J., Nugent, P. E., Östman, L., Pain, R., Panagia, N., Perlmutter, S., Raux, J., Ruiz-Lapuente, P., Spadafora, A. L., Strovink, M., Suzuki, N., Wang, L., Wood-Vasey, W. M., Yasuda, N., and Supernova Cosmology Project, The,

**Number of Authors:** 46 (11)

**Journal:** The Astrophysical Journal, Volume 716, Issue 1, pp. 712-738 (2010).

**Date:** 06/2010

(153)

**Title:** The Milky Way Tomography with SDSS. III. Stellar Kinematics

**Authors:** Bond, N. A., Ivezić, Ž., Sesar, B., Jurić, M., Munn, J. A., Kowalski, A., Loebman, S., Roškar, R., Beers, T. C., Dalcanton, J., Rockosi, C. M., Yanny, B.,

Newberg, H. J., Allende Prieto, C., Wilhelm, R., Lee, Y. S., Sivarani, T., Majewski, S. R., Norris, J. E., Bailer-Jones, C. A. L., Re Fiorentin, P., Schlegel, D., Uomoto, A., Lupton, R. H., Knapp, G. R.

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**Number of Authors:** 57 (30)

**Journal:** The Astrophysical Journal, Volume 716, Issue 1, pp. 1-29 (2010).

**Date:** 06/2010

(152)

**Title:** Photometric Response Functions of the Sloan Digital Sky Survey Imager

**Authors:** Doi, M., Tanaka, M., Fukugita, M., Gunn, J. E., Yasuda, N., Ivezić, Ž., Brinkmann, J., de Haars, E., Kleinman, S. J., Krzesinski, J., and French L. R.,

**Number of Authors:** 11 (1)

**Journal:** The Astronomical Journal, Volume 139, Issue 4, pp. 1628-1648 (2010).

**Date:** 04/2010

(151)

**Title:** Proper Motions with Subaru II. A Sample in the Subaru/XMM-Newton Deep Survey Field

**Authors:** Richmond, M. W., Morokuma, T., Doi, M., Komiyama, Y., Yasuda, N., and Okamura, S.,

**Number of Authors:** 6 (3)

**Journal:** Publications of the Astronomical Society of Japan, Vol.62, No.1, pp.91--99

**Date:** 02/2010

(150)

**Title:** Subaru FOCAS Spectroscopic Observations of High-Redshift Supernovae

**Authors:** Morokuma, T., Tokita, K., Lidman, C., Doi, M., Yasuda, N., Aldering, G., Amanullah, R., Barbary, K., Dawson, K., Fadeyev, V., Fakhouri, H. K., Goldhaber,

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**Number of Authors:** 33 (4)

**Journal:** Publications of the Astronomical Society of Japan, Vol.62, No.1, pp.19--37

**Date:** 02/2010

(149)

**Title:** Hubble Space Telescope Discovery of a  $z = 3.9$  Multiply Imaged Galaxy Behind the Complex Cluster Lens Warps J1415.1+36 at  $z = 1.026$

**Authors:** Huang, X., Morokuma, T., Fakhouri, H. K., Aldering, G., Amanullah, R., Barbary, K., Brodwin, M., Connolly, N. V., Dawson, K. S., Doi, M., Faccioli, L., Fadeyev, V., Fruchter, A. S., Goldhaber, G., Gladders, M. D., Hennawi, J. F., Ihara, Y., Jee, M. J., Kowalski, M., Konishi, K., Lidman, C., Meyers, J., Moustakas, L. A., Perlmutter, S., Rubin, D., Schlegel, D. J., Spadafora, A. L., Suzuki, N., Takanashi, N., and Yasuda, N.,

**Number of Authors:** 30 (10)

**Journal:** The Astrophysical Journal Letters, Volume 707, Issue 1, pp. L12-L16 (2009).

**Date:** 12/2009

(148)

**Title:** First-Year Sloan Digital Sky Survey-II Supernova Results: Hubble Diagram and Cosmological Parameters

**Authors:** Kessler, R., Becker, A. C., Cinabro, D., Vanderplas, J., Frieman, J. A., Marriner, J., Davis, T. M., Dilday, B., Holtzman, J., Jha, S. W., Lampeitl, H., Sako, M., Smith, M., Zheng, C., Nichol, R. C., Bassett, B., Bender, R., Depoy, D. L., Doi, M., Elson, E., Filippenko, A. V., Foley, R. J., Garnavich, P. M., Hopp, U., Ihara, Y., Ketzeback, W., Kollatschny, W., Konishi, K., Marshall, J. L., McMillan, R. J., Miknaitis, G., Morokuma, T., Mörtzell, Edvard, Pan, Kaike, Prieto, Jose Luis, Richmond, M. W., Riess, A. G., Romani, R., Schneider, D. P., Sollerman, J., Takanashi, N., Tokita, K., van der Heyden, K., Wheeler, J. C., Yasuda, N., and York, D.,

**Number of Authors:** 46 (19)

**Journal:** The Astrophysical Journal Supplement, Volume 185, Issue 1, pp. 32-84 (2009).

**Date:** 11/2009

(147)

**Title:** An Intensive Hubble Space Telescope Survey for  $z>1$  Type Ia Supernovae by Targeting Galaxy Clusters

**Authors:** Dawson, K. S., Aldering, G., Amanullah, R., Barbary, K., Barrientos, L. F., Brodwin, M., Connolly, N., Dey, A., Doi, M., Donahue, M., Eisenhardt, P., Ellingson, E., Faccioli, L., Fadeyev, V., Fakhouri, H. K., Fruchter, A. S., Gilbank, D. G., Gladders, M. D., Goldhaber, G., Gonzalez, A. H., Goobar, A., Gude, A., Hattori, T., Hoekstra, H., Huang, X., Ihara, Y., Jannuzi, B. T., Johnston, D., Kashikawa, K., Koester, B., Konishi, K., Kowalski, M., Lidman, C., Linder, E. V., Lubin, L., Meyers, J., Morokuma, T., Munshi, F., Mullis, C., Oda, T., Panagia, N., Perlmutter, S., Postman, M., Pritchard, T., Rhodes, J., Rosati, P., Rubin, D., Schlegel, D. J., Spadafora, A., Stanford, S. A., Stanishev, V., Stern, D., Strovink, M., Suzuki, N., Takanashi, N., Tokita, K., Wagner, M., Wang, L., Yasuda, N., Yee, H. K. C., and Supernova Cosmology Project, The,

**Number of Authors:** 61 (9)

**Journal:** The Astronomical Journal, Volume 138, Issue 5, pp. 1271-1283 (2009).

**Date:** 11/2009

(146)

**Title:** The Seventh Data Release of the Sloan Digital Sky Survey

**Authors:** Abazajian, K. N., Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Allende Prieto, C., An, D., Anderson, K. S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Bailer-Jones, C. A. L., Barentine, J. C., Bassett, B. A., Becker, A. C., Beers, T. C., Bell, E. F., Belokurov, V., Berlind, A. A., Berman, E. F., Bernardi, M., Bickerton, S. J., Bizyaev, D., Blakeslee, J. P., Blanton, M. R., Bochanski, J. J., Boroski, W. N., Brewington, H. J., Brinchmann, J., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Carliles, S., Carr, M. A., Castander, F. J., Cinabro, D., Connolly, A. J., Csabai, I., Cunha, C. E., Czarapata, P. C., Davenport, J. R. A., de Haas, E., Dilday, B., Doi, M., Eisenstein, D. J., Evans, M. L., Evans, N. W., Fan, X., Friedman, S. D., Frieman, J. A., Fukugita, M., Gänsicke, B. T., Gates, E., Gillespie, B., Gilmore, G., Gonzalez, B., Gonzalez, C. F., Grebel, E. K., Gunn, J. E., Györy, Z., Hall, P. B., Harding, P., Harris, F. H., Harvanek, M., Hawley, S. L.,

Hayes, J. J. E., Heckman, T. M., Hendry, J. S., Hennessy, G. S., Hindsley, R. B., Hoblitt, J., Hogan, C. J., Hogg, D. W., Holtzman, J. A., Hyde, J. B., Ichikawa, S., Ichikawa, T., Im, M., Ivezić, Ž., Jester, S., Jiang, L., Johnson, J. A., Jorgensen, A. M., Jurić, M., Kent, S. M., Kessler, R., Kleinman, S. J., Knapp, G. R., Konishi, K., Kron, R. G., Krzesinski, J., Kuropatkin, N., Lampeitl, H., Lebedeva, S., Lee, M. G., Lee, Y. S., Leger, R. F., Lépine, S., Li, N., Lima, M., Lin, H., Long, D. C., Loomis, C. P., Loveday, J., Lupton, R. H., Magnier, E., Malanushenko, O., Malanushenko, V., Mandelbaum, R., Margon, B., Marriner, J. P., Martínez-Delgado, D., Matsubara, T., McGehee, P. M., McKay, T. A., Meiksin, A., Morrison, H. L., Mullally, F., Munn, J. A., Murphy, T., Nash, T., Nebot, A., Neilsen, E. H., Newberg, H. Jo, Newman, P. R., Nichol, R. C., Nicinski, T., Nieto-Santisteban, M., Nitta, A., Okamura, S., Oravetz, D. J., Ostriker, J. P., Owen, R., Padmanabhan, N., Pan, K., Park, C., Pauls, G., Peoples, J., Percival, W. J., Pier, J. R., Pope, A. C., Pourbaix, D., Price, P. A., Purger, N., Quinn, T., Raddick, M. J., Fiorentin, P. R., Richards, G. T., Richmond, M. W., Riess, A. G., Rix, H., Rockosi, C. M., Sako, M., Schlegel, D. J., Schneider, D. P., Scholz, R., Schreiber, M. R., Schwobe, A. D., Seljak, U., Sesar, B., Sheldon, E., Shimasaku, K., Sibley, V. C., Simmons, A. E., Sivarani, T., Smith, J. A., Smith, M. C., Smolčić, V., Snedden, S. A., Stebbins, A., Steinmetz, M., Stoughton, C., Strauss, M. A., Subba Rao, M., Suto, Y., Szalay, A. S., Szapudi, I., Szkody, P., Tanaka, M., Tegmark, M., Teodoro, L. F. A., Thakar, A. R., Tremonti, C. A., Tucker, D. L., Uomoto, A., Vanden B., Daniel E., Vandenberg, J., Vidrih, S., Vogeley, M. S., Voges, W., Vogt, N. P., Wadadekar, Y., Watters, S., Weinberg, D. H., West, A. A., White, S. D. M., Wilhite, B. C., Wonders, A. C., Yanny, B., Yocum, D. R., York, D. G., Zehavi, I., Zibetti, S., and Zucker, D. B.,

**Number of Authors:** 204 (44)

**Journal:** The Astrophysical Journal Supplement, Volume 182, Issue 2, pp. 543-558 (2009).

**Date:** 06/2009

(145)

**Title:** Proper Motions with Subaru I. Methods and a First Sample in the Subaru Deep Field

**Authors:** Richmond, M. W., Morokuma, T., Doi, M., Komiyama, Y., Yasuda, N., Okamura, S., and Gal-Yam, A.,

**Number of Authors:** 7 (3)

**Journal:** Publications of the Astronomical Society of Japan, Vol.61, No.1,  
pp.97--107

**Date:** 02/2009

(144)

**Title:** Discovery of an Unusual Optical Transient with the Hubble Space  
Telescope

**Authors:** Barbary, K., Dawson, K. S., Tokita, K., Aldering, G., Amanullah, R.,  
Connolly, N. V., Doi, M., Faccioli, L., Fadeyev, V., Fruchter, A. S., Goldhaber, G.,  
Goobar, A., Gude, A., Huang, X., Ihara, Y., Konishi, K., Kowalski, M., Lidman, C.,  
Meyers, J., Morokuma, T., Nugent, P., Perlmutter, S., Rubin, D., Schlegel, D.,  
Spadafora, A. L., Suzuki, N., Swift, H. K., Takanashi, N., Thomas, R. C., and  
Yasuda, N.,

**Number of Authors:** 30 (7)

**Journal:** The Astrophysical Journal, Volume 690, Issue 2, pp. 1358-1362 (2009).

**Date:** 01/2009

(143)

**Title:** Delay Time Distribution Measurement of Type Ia Supernovae by the  
Subaru/XMM-Newton Deep Survey and Implications for the Progenitor

**Authors:** Totani, T., Morokuma, T., Oda, T., Doi, M., and Yasuda, N.,

**Number of Authors:** 5 (4)

**Journal:** Publications of the Astronomical Society of Japan, Vol.60, No.6,  
pp.1327--1346

**Date:** 12/2008

(142)

**Title:** The Sloan Digital Sky Survey-II: Photometry and Supernova IA Light  
Curves from the 2005 Data

**Authors:** Holtzman, J. A., Marriner, J., Kessler, R., Sako, M., Dilday, B., Frieman,  
J. A., Schneider, D. P., Bassett, B., Becker, A., Cinabro, D., DeJongh, F., Depoy, D.  
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Marshall, J. L., McGinnis, D., Miknaitis, G., Nichol, R. C., Prieto, J. L., Riess, A.  
G., Richmond, M. W., Romani, R., Smith, M., Takanashi, N., Tokita, K., van der  
Heyden, K., Yasuda, N., and Zheng, C.,

**Number of Authors:** 32 (13)



**Journal:** The Astronomical Journal, Volume 136, Issue 6, pp. 2306-2320 (2008).

**Date:** 12/2008

(141)

**Title:** Light-curve studies of nearby Type Ia supernovae with a Multiband Stretch method

**Authors:** Takanashi, N., Doi, M., and Yasuda, N.,

**Number of Authors:** 3 (2)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 389, Issue 4, pp. 1577- 1592.

**Date:** 10/2008

(140)

**Title:** Clusters of Galaxies in the First Half of the Universe from the IRAC Shallow Survey

**Authors:** Eisenhardt, P. R. M., Brodwin, M., Gonzalez, A. H., Stanford, S. A., Stern, D., Barmby, P., Brown, M. J. I., Dawson, K., Dey, A., Doi, M., Galametz, A., Jannuzi, B. T., Kochanek, C. S., Meyers, J., Morokuma, T., and Moustakas, L. A.,

**Number of Authors:** 16 (10)

**Journal:** The Astrophysical Journal, Volume 684, Issue 2, pp. 905-932.

**Date:** 09/2008

(139)

**Title:** The Milky Way Tomography with SDSS. II. Stellar Metallicity

**Authors:** Ivezić, Ž., Sesar, B., Jurić, M., Bond, N., Dalcanton, J., Rockosi, C. M., Yanny, B., Newberg, H. J., Beers, T. C., Allende Prieto, C., Wilhelm, R., Lee, Y., Sivarani, T., Norris, J. E., Bailer-Jones, C. A. L., Re Fiorentin, P., Schlegel, D., Uomoto, A., Lupton, R. H., Knapp, G. R., Gunn, J. E., Covey, K. R., Smith, J. A., Miknaitis, G., Doi, M., Tanaka, M., Fukugita, M., Kent, S., Finkbeiner, D., Munn, J. A., Pier, J. R., Quinn, T., Hawley, S., Anderson, S., Kiuchi, F., Chen, A., Bushong, J., Sohi, H., Haggard, D., Kimball, A., Barentine, J., Brewington, H., Harvanek, M., Kleinman, S., Krzesinski, J., Long, D., Nitta, A., Snedden, S., Lee, B., Harris, H., Brinkmann, J., Schneider, D. P., and York, D. G.,

**Number of Authors:** 53 (26)

**Journal:** The Astrophysical Journal, Volume 684, Issue 1, pp. 287-325.

**Date:** 09/2008

(138)

**Title:** A Measurement of the Rate of Type Ia Supernovae at Redshift  $z \sim 0.1$  from the First Season of the SDSS-II Supernova Survey

**Authors:** Dilday, B., Kessler, R., Frieman, J. A., Holtzman, J., Marriner, J., Miknaitis, G., Nichol, R. C., Romani, R., Sako, M., Bassett, B., Becker, A., Cinabro, D., DeJongh, F., Depoy, D. L., Doi, M., Garnavich, P. M., Hogan, C. J., Jha, S., Konishi, K., Lampeitl, H., Marshall, J. L., McGinnis, D., Prieto, J. L., Riess, A. G., Richmond, M. W., Schneider, D. P., Smith, M., Takanashi, N., Tokita, K., van der Heyden, K., Yasuda, N., Zheng, C., Barentine, J., Brewington, H., Choi, C., Crotts, A., Dembicky, J., Harvanek, M., Im, M., Ketzeback, W., Kleinman, S. J., Krzesiński, J., Long, D. C., Malanushenko, E., Malanushenko, V., McMillan, R. J., Nitta, A., Pan, K., Saurage, G., Snedden, S. A., Watters, S., Wheeler, J. C., and York, D.,

**Number of Authors:** 53 (15)

**Journal:** The Astrophysical Journal, Volume 682, Issue 1, pp. 262-282.

**Date:** 07/2008

(137)

**Title:** The Subaru/XMM-Newton Deep Survey (SXDS). II. Optical Imaging and Photometric Catalogs

**Authors:** Furusawa, H., Kosugi, G., Akiyama, M., Takata, T., Sekiguchi, K., Tanaka, I., Iwata, I., Kajisawa, M., Yasuda, N., Doi, M., Ouchi, M., Simpson, C., Shimasaku, K., Yamada, T., Furusawa, J., Morokuma, T., Ishida, C. M., Aoki, K., Fuse, T., Imanishi, M., Iye, M., Karoji, H., Kobayashi, N., Kodama, T., Komiyama, Y., Maeda, Y., Miyazaki, S., Mizumoto, Y., Nakata, F., Noumaru, J., Ogasawara, R., Okamura, S., Saito, T., Sasaki, T., Ueda, Y., and Yoshida, M.,

**Number of Authors:** 36 (10)

**Journal:** The Astrophysical Journal Supplement Series, Volume 176, Issue 1, pp. 1-18.

**Date:** 05/2008

(136)

**Title:** First-Year Spectroscopy for the Sloan Digital Sky Survey-II Supernova Survey

**Authors:** Zheng, C., Romani, R. W., Sako, M., Marriner, J., Bassett, B., Becker, A.,

Choi, C., Cinabro, D., DeJongh, F., Depoy, D. L., Dilday, B., Doi, M., Frieman, J. A., Garnavich, P. M., Hogan, C. J., Holtzman, J., Im, M., Jha, S., Kessler, R., Konishi, K., Lampeitl, H., Marshall, J. L., McGinnis, D., Miknaitis, G., Nichol, R. C., Prieto, J. L., Riess, A. G., Richmond, M. W., Schneider, D. P., Smith, M., Takanashi, N., Tokita, K., van der Heyden, K., Yasuda, N., Assef, R. J., Barentine, J., Bender, R., Blandford, R. D., Bremer, M., Brewington, H., Collins, C. A., Crotts, A., Dembicky, J., Eastman, J., Edge, A., Elson, E., Eyler, M. E., Filippenko, A. V., Foley, R. J., Frank, S., Goobar, A., Harvanek, M., Hopp, U., Ihara, Y., Kahn, S., Ketzeback, W., Kleinman, S. J., Kollatschny, W., Krzesiński, J., Leloudas, G., Long, D. C., Lucey, J., Malanushenko, E., Malanushenko, V., McMillan, R. J., Morgan, C. W., Morokuma, T., Nitta, A., Ostman, L., Pan, K., Romer, A. K., Saurage, G., Schlesinger, K., Snedden, S. A., Sollerman, J., Stritzinger, M., Watson, L. C., Watters, S., Wheeler, J. C., and York, D.,

**Number of Authors:** 80 (12)

**Journal:** The Astronomical Journal, Volume 135, Issue 5, pp. 1766-1784 (2008).

**Date:** 05/2008

(135)

**Title:** Implications for Galaxy Evolution from Cosmic Evolution of the Supernova Rate

**Authors:** Oda, T., Totani, T., Yasuda, N., Sumi, T., Morokuma, T., Doi, M., and Kosugi, G.,

**Number of Authors:** 7 (6)

**Journal:** Publications of the Astronomical Society of Japan, Vol.60, No.2, pp.169--182

**Date:** 04/2008

(134)

**Title:** The Sixth Data Release of the Sloan Digital Sky Survey

**Authors:** Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Allende Prieto, C., Anderson, K. S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Bailer-Jones, C. A. L., Baldry, I. K., Barentine, J. C., Bassett, B. A., Becker, A. C., Beers, T. C., Bell, E. F., Berlind, A. A., Bernardi, M., Blanton, M. R., Bochanski, J. J., Boroski, W. N., Brinchmann, J., Brinkmann, J., Brunner, R. J., Budavári, T., Carliles, S., Carr, M. A., Castander, F. J., Cinabro, D., Cool, R. J., Covey, K. R., Csabai, I., Cunha, C. E., Davenport, J. R. A., Dilday, B., Doi, M., Eisenstein, D. J., Evans, M.

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**Number of Authors:** 163 (35)

**Journal:** The Astrophysical Journal Supplement Series, Volume 175, Issue 2, pp. 297-313.

**Date:** 04/2008

(133)

**Title:** The Subaru/XMM-Newton Deep Survey (SXDS). V. Optically Faint Variable Object Survey

**Authors:** Morokuma, T., Doi, M., Yasuda, N., Akiyama, M., Sekiguchi, K., Furusawa, H., Ueda, Y., Totani, T., Oda, T., Nagao, T., Kashikawa, N., Murayama, T., Ouchi, M., Watson, M. G., Richmond, M. W., Lidman, C., Perlmutter, S., Spadafora, A. L., Aldering, G., Wang, L., Hook, I. M., and Knop, R. A.,

**Number of Authors:** 22 (2)

**Journal:** The Astrophysical Journal, Volume 676, Issue 1, pp. 163-183.

**Date:** 03/2008

(132)

**Title:** The Subaru/XMM-Newton Deep Survey (SXDS). VI. Properties of Active Galactic Nuclei Selected by Optical Variability

**Authors:** Morokuma, T., Doi, M., Yasuda, N., Akiyama, M., Sekiguchi, K., Furusawa, H., Ueda, Y., Totani, T., Oda, T., Nagao, T., Kashikawa, N., Murayama, T., Ouchi, M., and Watson, M. G.,

**Number of Authors:** 14 (2)

**Journal:** The Astrophysical Journal, Volume 676, Issue 1, pp. 121-130.

**Date:** 03/2008

(131)

**Title:** A New Determination of the High-Redshift Type Ia Supernova Rates with the Hubble Space Telescope Advanced Camera for Surveys

**Authors:** Kuznetsova, N., Barbary, K., Connolly, B., Kim, A. G., Pain, R., Roe, N. A., Aldering, G., Amanullah, R., Dawson, K., Doi, M., Fadeyev, V., Fruchter, A. S., Gibbons, R., Goldhaber, G., Goobar, A., Gude, A., Knop, R. A., Kowalski, M., Lidman, C., Morokuma, T., Meyers, J., Perlmutter, S., Rubin, D., Schlegel, D. J., Spadafora, A. L., Stanishev, V., Strovink, M., Suzuki, N., Wang, L., and Yasuda, N.,

**Number of Authors:** 30 (10)

**Journal:** The Astrophysical Journal, Volume 673, Issue 2, pp. 981-998.

**Date:** 02/2008

(130)

**Title:** The Sloan Digital Sky Survey-II Supernova Survey: Search Algorithm and Follow-Up Observations

**Authors:** Sako, M., Bassett, B., Becker, A., Cinabro, D., DeJongh, F., Depoy, D. L., Dilday, B., Doi, M., Frieman, J. A., Garnavich, P. M., Hogan, C. J., Holtzman, J., Jha, S., Kessler, R., Konishi, K., Lampeitl, H., Marriner, J., Miknaitis, G., Nichol, R. C., Prieto, J. L., Riess, A. G., Richmond, M. W., Romani, R., Schneider, D. P., Smith, M., Subba Rao, M., Takanashi, N., Tokita, K., van der Heyden, K., Yasuda, N., Zheng, C., Barentine, J., Brewington, H., Choi, C., Dembicky, J., Harnavek, M., Ihara, Y., Im, M., Ketzeback, W., Kleinman, S. J., Krzesiński, J., Long, D. C.,

Malanushenko, E., Malanushenko, V., McMillan, R. J., Morokuma, T., Nitta, A., Pan, K., Saurage, G., and Snedden, S. A.,

**Number of Authors:** 50 (8)

**Journal:** The Astronomical Journal, Volume 135, Issue 1, pp. 348-373 (2008).

**Date:** 01/2008

(129)

**Title:** The Sloan Digital Sky Survey-II Supernova Survey: Technical Summary

**Authors:** Frieman, J. A., Bassett, B., Becker, A., Choi, C., Cinabro, D., DeJongh, F., Depoy, D. L., Dilday, B., Doi, M., Garnavich, P. M., Hogan, C. J., Holtzman, J., Im, M., Jha, S., Kessler, R., Konishi, K., Lampeitl, H., Marriner, J., Marshall, J. L., McGinnis, D., Miknaitis, G., Nichol, R. C., Prieto, J. L., Riess, A. G., Richmond, M. W., Romani, R., Sako, M., Schneider, D. P., Smith, M., Takanashi, N., Tokita, K., van der Heyden, K., Yasuda, N., Zheng, C., Adelman-McCarthy, J., Annis, J., Assef, R. J., Barentine, J., Bender, R., Blandford, R. D., Boroski, W. N., Bremer, M., Brewington, H., Collins, C. A., Crotts, A., Dembicky, J., Eastman, J., Edge, A., Edmondson, E., Elson, E., Eyler, M. E., Filippenko, A. V., Foley, R. J., Frank, S., Goobar, A., Gueth, T., Gunn, J. E., Harvanek, M., Hopp, U., Ihara, Y., Ivezić, Ž., Kahn, S., Kaplan, J., Kent, S., Ketzeback, W., Kleinman, S. J., Kollatschny, W., Kron, R. G., Krzesiński, J., Lamenti, D., Leloudas, G., Lin, H., Long, D. C., Lucey, J., Lupton, R. H., Malanushenko, E., Malanushenko, V., McMillan, R. J., Mendez, J., Morgan, C. W., Morokuma, T., Nitta, A., Ostman, L., Pan, K., Rockosi, C. M., Romer, A. K., Ruiz-Lapuente, P., Saurage, G., Schlesinger, K., Snedden, S. A., Sollerman, J., Stoughton, C., Stritzinger, M., Subba Rao, M., Tucker, D., Vaisanen, P., Watson, L. C., Watters, S., Wheeler, J. C., Yanny, B., and York, D.,

**Number of Authors:** 101 (9)

**Journal:** The Astronomical Journal, Volume 135, Issue 1, pp. 338-347 (2008).

**Date:** 01/2008

(128)

**Title:** Supernovae in the Subaru Deep Field: an initial sample and Type Ia rate out to redshift 1.6

**Authors:** Poznanski, D., Maoz, D., Yasuda, N., Foley, R. J., Doi, M., Filippenko, A. V., Fukugita, M., Gal-Yam, A., Jannuzi, B. T., Morokuma, T., Oda, T., Schweiker, H., Sharon, K., Silverman, J. M., and Totani, T.,

**Number of Authors:** 15 (5)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 382, Issue 3, pp. 1169- 1186.

**Date:** 12/2007

(127)

**Title:** Exploring the Variable Sky with the Sloan Digital Sky Survey

**Authors:** Sesar, B., Ivezić, Ž., Lupton, R. H., Jurić, M., Gunn, J. E., Knapp, G. R., DeLee, N., Smith, J. A., Miknaitis, G., Lin, H., Tucker, D., Doi, M., Tanaka, M., Fukugita, M., Holtzman, J., Kent, S., Yanny, B., Schlegel, D., Finkbeiner, D., Padmanabhan, N., Rockosi, C. M., Bond, N., Lee, B., Stoughton, C., Jester, S., Harris, H., Harding, P., Brinkmann, J., Schneider, D. P., York, D., Richmond, M. W., and Vanden Berk, D.,

**Number of Authors:** 32 (12)

**Journal:** The Astronomical Journal, Volume 134, Issue 6, pp. 2236-2251 (2007).

**Date:** 12/2007

(126)

**Title:** The Fifth Data Release of the Sloan Digital Sky Survey

**Authors:** Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Anderson, K. S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Bailer-Jones, C. A. L., Baldry, I. K., Barentine, J. C., Beers, T. C., Belokurov, V., Berlind, A., Bernardi, M., Blanton, M. R., Bochanski, J. J., Boroski, W. N., Bramich, D. M., Brewington, H. J., Brinchmann, J., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Carliles, S., Carr, M. A., Castander, F. J., Connolly, A. J., Cool, R. J., Cunha, C. E., Csabai, I., Dalcanton, J. J., Doi, M., Eisenstein, D. J., Evans, M. L., Evans, N. W., Fan, X., Finkbeiner, D. P., Friedman, S. D., Frieman, J. A., Fukugita, M., Gillespie, B., Gilmore, G., Glazebrook, K., Gray, J., Grebel, E. K., Gunn, J. E., de Haas, E., Hall, P. B., Harvanek, M., Hawley, S. L., Hayes, J., Heckman, T. M., Hendry, J. S., Hennessy, G. S., Hindsley, R. B., Hirata, C. M., Hogan, C. J., Hogg, D. W., Holtzman, J. A., Ichikawa, S., Ichikawa, T., Ivezić, Ž., Jester, S., Johnston, D. E., Jorgensen, A. M., Jurić, M., Kauffmann, G., Kent, S. M., Kleinman, S. J., Knapp, G. R., Kniazev, A. Y., Kron, R. G., Krzesinski, J., Kuropatkin, N., Lamb, D. Q., Lampeitl, H., Lee, B. C., Leger, R. F., Lima, M., Lin, H., Long, D. C., Loveday, J., Lupton, R. H., Mandelbaum, R., Margon, B., Martínez-Delgado, D., Matsubara, T., McGehee, P. M., McKay, T. A., Meiksin, A., Munn, J. A., Nakajima, R., Nash, T., Neilsen, E. H., Jr., Newberg, H. J., Nichol, R. C., Nieto-Santisteban,

M., Nitta, A., Oyaizu, H., Okamura, S., Ostriker, J. P., Padmanabhan, N., Park, C., Peoples, J., Jr., Pier, J. R., Pope, A. C., Pourbaix, D., Quinn, T. R., Raddick, M. J., Re Fiorentin, P., Richards, G. T., Richmond, M. W., Rix, H., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Scranton, R., Seljak, U., Sheldon, E., Shimasaku, K., Silvestri, N. M., Smith, J. A., Smolčić, V., Snedden, S. A., Stebbins, A., Stoughton, C., Strauss, M. A., SubbaRao, M., Suto, Y., Szalay, A. S., Szapudi, I., Szkody, P., Tegmark, M., Thakar, A. R., Tremonti, C. A., Tucker, D. L., Uomoto, A., Vanden Berk, D. E., Vandenberg, J., Vidrih, S., Vogeley, M. S., Voges, W., Vogt, N. P., Weinberg, D. H., West, A. A., White, S. D. M., and Wilhite, B., Yanny, B., Yocum, D. R., York, D. G., Zehavi, I., Zibetti, S., and Zucker, D. B.,

**Number of Authors:** 154 (33)

**Journal:** The Astrophysical Journal Supplement Series, Volume 172, Issue 2, pp. 634-644.

**Date:** 10/2007

(125)

**Title:** Sloan Digital Sky Survey Standard Star Catalog for Stripe 82: The Dawn of Industrial 1% Optical Photometry

**Authors:** Ivezić, Ž., Smith, J. A., Miknaitis, G., Lin, H., Tucker, D., Lupton, R. H., Gunn, J. E., Knapp, G. R., Strauss, M. A., Sesar, B., Doi, M., Tanaka, M., Fukugita, M., Holtzman, J., Kent, S., Yanny, B., Schlegel, D., Finkbeiner, D., Padmanabhan, N., Rockosi, C. M., Jurić, M., Bond, N., Lee, B., Stoughton, C., Jester, S., Harris, H., Harding, P., Morrison, H., Brinkmann, J., Schneider, D. P., and York, D.,

**Number of Authors:** 31 (11)

**Journal:** The Astronomical Journal, Volume 134, Issue 3, pp. 973-998 (2007).

**Date:** 09/2007

(124)

**Title:** Searching for a Companion Star of Tycho's Type Ia Supernova with Optical Spectroscopic Observations

**Authors:** Ihara, Y., Ozaki, J., Doi, M., Shigeyama, T., Kashikawa, N., Komiyama, K., and Hattori, T.,

**Number of Authors:** 7 (3)

**Journal:** Publications of the Astronomical Society of Japan, Vol.59, No.4, pp.811-826



Date: 08/2007

(123)

Title: Wide-Field Survey around Local Group Dwarf Spheroidal Galaxy Leo II: Spatial Distribution of Stellar Content

Authors: Komiyama, Y., Doi, M., Furusawa, H., Hamabe, M., Imi, K., Kimura, M., Miyazaki, S., Nakata, F., Okada, N., Okamura, S., Ouchi, M., Sekiguchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

Number of Authors: 15 (2)

Journal: The Astronomical Journal, Volume 134, Issue 2, pp. 835-845.

Date: 08/2007

(122)

Title: Quantitative comparison between type Ia supernova spectra at low and high redshifts: a case study

Authors: Garavini, G., Folatelli, G., Nobili, S., Aldering, G., Amanullah, R., Antilogus, P., Astier, P., Blanc, G., Bronder, T., Burns, M. S., Conley, A., Deustua, S. E., Doi, M., Fabbro, S., Fadeyev, V., Gibbons, R., Goldhaber, G., Goobar, A., Groom, D. E., Hook, I., Howell, D. A., Kashikawa, N., Kim, A. G., Kowalski, M., Kuznetsova, N., Lee, B. C., Lidman, C., Mendez, J., Morokuma, T., Motohara, K., Nugent, P. E., Pain, R., Perlmutter, S., Quimby, R., Raux, J., Regnault, N., Ruiz-Lapuente, P., Sainton, G., Schahmanche, K., Smith, E., Spadafora, A. L., Stanishev, V., Thomas, R. C., Walton, N. A., Wang, L., Wood-Vasey, W. M., and Yasuda, N.,

Number of Authors: 47 (13)

Journal: Astronomy and Astrophysics, Volume 470, Issue 2, August I 2007, pp.411-424

Date: 08/2007

(121)

Title: The Habitat Segregation between Lyman Break Galaxies and Ly $\alpha$  Emitters around a QSO at  $z \sim 5$

Authors: Kashikawa, N., Kitayama, T., Doi, M., Misawa, T., Komiyama, Y., and Ota, K.,

Number of Authors: 6 (3)

Journal: The Astrophysical Journal, Volume 663, Issue 2, pp. 765-773.

Date: 07/2007

(120)

Title: The Galaxy Luminosity Functions down to  $M \sim -10$  in the Hydra I Cluster

Authors: Yamanoi, H., Tanaka, M., Hamabe, M., Yagi, M., Okamura, S., Iye, M., Shimasaku, K., Doi, M., Komiyama, Y., and Furusawa, H.,

Number of Authors: 10 (8)

Journal: The Astronomical Journal, Volume 134, Issue 1, pp. 56-63.

Date: 07/2007

(119)

Title: Rest-Frame R-band Light Curve of a  $z \sim 1.3$  Supernova Obtained with Keck Laser Adaptive Optics

Authors: Melbourne, J., Dawson, K. S., Koo, D. C., Max, C., Larkin, J. E., Wright, S. A., Steinbring, E., Barczys, M., Aldering, G., Barbary, K., Doi, M., Fadeyev, V., Goldhaber, G., Hattori, T., Ihara, Y., Kashikawa, N., Konishi, K., Kowalski, M., Kuznetsova, N., Lidman, C., Morokuma, T., Perlmutter, S., Rubin, D., Schlegel, D. J., Spadafora, A. L., Takanashi, N., and Yasuda, N.,

Number of Authors: 27 (8)

Journal: The Astronomical Journal, Volume 133, Issue 6, pp. 2709-2715.

Date: 06/2007

(118)

Title: The Luminosity Function and Star Formation Rate between Redshifts of 0.07 and 1.47 for Narrowband Emitters in the Subaru Deep Field

Authors: Ly, C., Malkan, M. A., Kashikawa, N., Shimasaku, K., Doi, M., Nagao, T., Iye, M., Kodama, T., Morokuma, T., and Motohara, K.,

Number of Authors: 10 (5)

Journal: The Astrophysical Journal, Volume 657, Issue 2, pp. 738-759.

Date: 03/2007

(101)E

Title: Errata : The SUBARU Deep Field Project: Lyman  $\alpha$  Emitters at a Redshift of 6.6

Authors: Taniguchi, Y., Ajiki, M., Nagao, T., Shioya, Y., Murayama, T., Kashikawa, N., Kodaira, K., Kaifu, N., Ando, H., Karoji, H., Akiyama, M., Aoki,

K., Doi, M., Fujita, S. S., Furusawa, H., Hayashino, T., Iwamuro, F., Iye, M., Kobayashi, N., Kodama, T., Komiyama, Y., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Nariai, K., Ohta, K., Ohya, Y., Okamura, S., Ouchi, M., Sasaki, T., Sato, Y., Sekiguchi, K., Shimasaku, K., Tamura, H., Umemura, M., Yamada, T., Yasuda, N., and Yoshida, M.,

**Number of Authors:** 40 (13)

**Journal:** Publications of the Astronomical Society of Japan, Vol.59, No.1, pp.277-277

**Date:** 02/2007

(117)

**Title:** Cosmological constraints from the SDSS luminous red galaxies

**Authors:** Tegmark, M., Eisenstein, D. J., Strauss, M. A., Weinberg, D. H., Blanton, M. R., Frieman, J. A., Fukugita, M., Gunn, J. E., Hamilton, A. J. S., Knapp, G. R., Nichol, R. C., Ostriker, J. P., Padmanabhan, N., Percival, W. J., Schlegel, D. J., Schneider, D. P., Scoccimarro, R., Seljak, U., Seo, H., Swanson, M., Szalay, A. S., Vogeley, M. S., Yoo, J., Zehavi, I., Abazajian, K., Anderson, S. F., Annis, J., Bahcall, N. A., Bassett, B., Berlind, A., Brinkmann, J., Budavari, T., Castander, F., Connolly, A., Csabai, I., Doi, M., Finkbeiner, D. P., Gillespie, B., Glazebrook, K., Hennessy, G. S., Hogg, D. W., Ivezić, Ž., Jain, B., Johnston, D., Kent, S., Lamb, D. Q., Lee, B. C., Lin, H., Loveday, J., Lupton, R. H., Munn, J. A., Pan, K., Park, C., Peoples, J., Pier, J. R., Pope, A., Richmond, M., Rockosi, C., Scranton, R., Sheth, R. K., Stebbins, A., Stoughton, C., Szapudi, I., Tucker, D. L., Vanden Berk, D. E., Yanny, B., and York, D. G.,

**Number of Authors:** 67 (36)

**Journal:** Physical Review D, vol. 74, Issue 12, id. 123507

**Date:** 12/2006

(116)

**Title:** SDSS J1029+2623: A Gravitationally Lensed Quasar with an Image Separation of 22.5"

**Authors:** Inada, N., Oguri, M., Morokuma, T., Doi, M., Yasuda, N., Becker, R. H., Richards, G. T., Kochanek, C. S., Kayo, I., Konishi, K., Utsunomiya, H., Shin, M., Strauss, M. A., Sheldon, E. S., York, D. G., Hennawi, J. F., Schneider, D. P., Dai, X., Fukugita, M.,

**Number of Authors:** 19 (4)

**Journal:** The Astrophysical Journal, Volume 653, Issue 2, pp. L97-L100.

**Date:** 12/2006

(115)

**Title:** Luminosity Functions of Lyman Break Galaxies at  $z \sim 4$  and  $z \sim 5$  in the Subaru Deep

**Authors:** Yoshida, M., Shimasaku, K., Kashikawa, N., Ouchi, M., Okamura, S., Ajiki, M., Akiyama, M., Ando, H., Aoki, K., Doi, M., Furusawa, H., Hayashino, T., Iwamuro, F, Iye, M., Karoji, H., Kobayashi, N., Kodaira, K., Kodama, T., Komiyama, Y., Malkan, M. A., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Murayama, T., Nagao, T., Nariai, K., Ohta, K., Sasaki, T., Sato, Y., Sekiguchi, K., Shioya, Y., Tamura, H., Taniguchi, Y., Umemura, M., Yamada, T., and Yasuda, N.,

**Number of Authors:** 38 (10)

**Journal:** The Astrophysical Journal, Volume 653, Issue 2, pp. 988-1003.

**Date:** 12/2006

(114)

**Title:** The End of the Reionization Epoch Probed by Ly $\alpha$  Emitters at  $z = 6.5$  in the Subaru Deep Field

**Authors:** Kashikawa, N., Shimasaku, K., Malkan, M. A., Doi, M., Matsuda, Y., Ouchi, M., Taniguchi, Y., Ly, C., Nagao, T., Iye, M., Motohara, K., Murayama, T., Murozono, K., Nariai, K., Ohta, K., Okamura, S., Sasaki, T., Shioya, Y., and Umemura, M.,

**Number of Authors:** 19 (4)

**Journal:** The Astrophysical Journal, Volume 648, Issue 1, pp. 7-22.

**Date:** 09/2006

(113)

**Title:** Morphological classification of nearby galaxies based on asymmetry and luminosity concentration

**Authors:** Yagi, M., Nakamura, Y., Doi, M., Shimasaku, K., and Okamura, S.,

**Number of Authors:** 5 (3)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 368, Issue 1, pp. 211-

**Date:** 05/2006

(112)

**Title:** Ly $\alpha$  Emitters at  $z = 5.7$  in the Subaru Deep Field

**Authors:** Shimasaku, K., Kashikawa, N., Doi, M., Ly, C., Malkan, M. A., Matsuda, Y., Ouchi, M., Hayashino, T., Iye, M., Motohara, K., Murayama, T., Nagao, T., Ohta, K., Okamura, S., Sasaki, T., Shioya, Y., and Taniguchi, Y.,

**Number of Authors:** 17 (3)

**Journal:** Publications of the Astronomical Society of Japan, Vol.58, No.2, pp. 313-334

**Date:** 04/2006

(111)

**Title:** Clustering of Lyman Break Galaxies at  $z = 4$  and  $5$  in the Subaru Deep Field: Luminosity Dependence of the Correlation Function Slope

**Authors:** Kashikawa, N., Yoshida, M., Shimasaku, K., Nagashima, M., Yahagi, H., Ouchi, M., Matsuda, Y., Malkan, M. A., Doi, M., Iye, M., Ajiki, M., Akiyama, M., Ando, H., Aoki, K., Furusawa, H., Hayashino, T., Iwamuro, F., Karoji, H., Kobayashi, N., Kodaira, K., Kodama, T., Komiyama, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Murayama, T., Nagao, T., Nariai, K., Ohta, K., Okamura, S., Sasaki, T., Sato, Y., Sekiguchi, K., Shioya, Y., Tamura, H., Taniguchi, Y., Umemura, M., Yamada, T., and Yasuda, N.,

**Number of Authors:** 40 (9)

**Journal:** The Astrophysical Journal, Volume 637, Issue 2, pp. 631-647.

**Date:** 02/2006

(110)

**Title:** The Fourth Data Release of the Sloan Digital Sky Survey

**Authors:** Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Anderson, K. S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Baldry, I. K., Barentine, J. C., Berlind, A., Bernardi, M., Blanton, M. R., Boroski, W. N., Brewington, H. J., Brinchmann, J., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Carr, M. A., Castander, F. J., Connolly, A. J., Csabai, I., Czarapata, P. C., Dalcanton, J. J., Doi, M., Dong, F., Eisenstein, D. J., Evans, M. L., Fan, X., Finkbeiner, D. P., Friedman, S. D., Frieman, J. A., Fukugita, M., Gillespie, B., Glazebrook, K., Gray, J., Grebel, E. K., Gunn, J. E., Gurbani, V. K., de Haas, E., Hall, P. B., Harris, F. H., Harvanek, M., Hawley, S. L., Hayes, J., Hendry, J. S., Hennessy, G. S., Hindsley,

R. B., Hirata, C. M., Hogan, C. J., Hogg, D. W., Holmgren, D. J., Holtzman, J. A., Ichikawa, S., Ivezić, Z., Jester, S., Johnston, D. E., Jorgensen, A. M., Juric, M., Kent, S. M., Kleinman, S. J., Knapp, G. R., Kniazev, A. Yu., Kron, R. G., Krzesinski, J., Kuropatkin, N., Lamb, D. Q., Lampeitl, H., Lee, B. C., Leger, R. F., Lin, H., Long, D. C., Loveday, J., Lupton, R. H., Margon, B., Martínez-Delgado, D., Mandelbaum, R., Matsubara, T., McGehee, P. M., McKay, T. A., Meiksin, A., Munn, J. A., Nakajima, R., Nash, T., Neilsen, E. H., Jr., Newberg, H. J., Newman, P. R., Nichol, R. C., Nicinski, T., Nieto-Santisteban, M., Nitta, A., O'Mullane, W., Okamura, S., Owen, R., Padmanabhan, N., Pauls, G., Peoples, J., Jr., Pier, J. R., Pope, A. C., Pourbaix, D., Quinn, T. R., Richards, G. T., Richmond, M. W., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Schroeder, J., Scranton, R., Seljak, U., Sheldon, E., Shimasaku, K., Smith, J. A., Smolcic, V., Snedden, S. A., Stoughton, C., Strauss, M. A., Subbarao, M., Szalay, A. S., Szapudi, I., Szokody, P., Tegmark, M., Thakar, A. R., Tucker, D. L., Uomoto, A., Vanden Berk, D. E., Vandenberg, J., Vogeley, M. S., Voges, W., Vogt, N. P., Walkowicz, L. M., Weinberg, D. H., West, A. A., White, S. D. M., Xu, Y., and Yanny, B., Yanny, B., Yocum, D. R., York, D. G., Zehavi, I., Zibetti, S., and Zucker, D. B.,

**Number of Authors:** 141 (26)

**Journal:** The Astrophysical Journal Supplement Series, Volume 162, Issue 1, pp. 38-48.

**Date:** 01/2006

(109)

**Title:** The Sloan Digital Sky Survey monitor telescope pipeline

**Authors:** Tucker, D. L., Kent, S., Richmond, M. W., Annis, J., Smith, J. A., Allam, S. S., Rodgers, C. T., Stute, J. L., Adelman-McCarthy, J. K., Brinkmann, J., Doi, M., Finkbeiner, D., Fukugita, M., Goldston, J., Greenway, B., Gunn, J. E., Hendry, J. S., Hogg, D. W., Ichikawa, S.-I., Ivezić, Z., Knapp, G. R., Lampeitl, H., Lee, B. C., Lin, H., McKay, T. A., Merrelli, A., Munn, J. A., Neilsen, E. H., Jr., Newberg, H. J., Richards, G. T., Schlegel, D. J., Stoughton, C., Uomoto, A., and Yanny, B.,

**Number of Authors:** 34 (11)

**Journal:** Astronomische Nachrichten, Vol.327, Issue 9, p.821

**Date:** 00/2006

(108)

**Title:** Detection of the Baryon Acoustic Peak in the Large-Scale Correlation

Function of SDSS Luminous Red Galaxies

**Authors:** Eisenstein, D. J., Zehavi, I., Hogg, D. W., Scoccimarro, R., Blanton, M. R., Nichol, R. C., Scranton, R., Seo, H., Tegmark, M., Zheng, Z., Anderson, S. F., Annis, J., Bahcall, N., Brinkmann, J., Burles, S., Castander, F. J., Connolly, A., Csabai, I., Doi, M., Fukugita, M., Frieman, J. A., Glazebrook, K., Gunn, J. E., Hendry, J. S., Hennessy, G., Ivezić, Z., Kent, S., Knapp, G. R., Lin, H., Loh, Y., Lupton, R. H., Margon, B., McKay, T. A., Meiksin, A., Munn, J. A., Pope, A., Richmond, M. W., Schlegel, D., Schneider, D. P., Shimasaku, K., Stoughton, C., Strauss, M. A., SubbaRao, M., Szalay, A. S., Szapudi, I., Tucker, D. L., Yanny, B., and York, D. G.,

**Number of Authors:** 48 (19)

**Journal:** The Astrophysical Journal, Volume 633, Issue 2, pp. 560-574.

**Date:** 11/2005

(107)

**Title:** Morphological Classification of Galaxies Using Photometric Parameters: The Concentration Index versus the Coarseness Parameter

**Authors:** Yamauchi, C., Ichikawa, S., Doi, M., Yasuda, N., Yagi, M., Fukugita, M., Okamura, S., Nakamura, O., Sekiguchi, M., and Goto, T.,

**Number of Authors:** 10 (3)

**Journal:** The Astronomical Journal, Volume 130, Issue 4, pp. 1545-1557.

**Date:** 10/2005

(106)

**Title:** The Sloan Digital Sky Survey Quasar Catalog. III. Third Data Release

**Authors:** Schneider, D. P., Hall, P. B., Richards, G. T., Vanden Berk, D. E., Anderson, S. F., Fan, X., Jester, S., Stoughton, C., Strauss, M. A., SubbaRao, M., Brandt, W. N., Gunn, J. E., Yanny, B., Bahcall, N. A., Barentine, J. C., Blanton, M. R., Boroski, W. N., Brewington, H. J., Brinkmann, J., Brunner, R., Csabai, I., Doi, M., Eisenstein, D. J., Frieman, J. A., Fukugita, M., Gray, J., Harvanek, M., Heckman, T. M., Ivezić, Z., Kent, S., Kleinman, S. J., Knapp, G. R., Kron, R. G., Krzesinski, J., Long, D. C., Loveday, J., Lupton, R. H., Margon, B., Munn, J. A., Neilsen, E. H., Newberg, H. J., Newman, P. R., Nichol, R. C., Nitta, A., Pier, J. R., Rockosi, C. M., Saxe, D. H., Schlegel, D. J., Snedden, S. A., Szalay, A. S., Thakar, A. R., Uomoto, A., Voges, W., and York, D. G.,

**Number of Authors:** 54 (22)

**Journal:** The Astronomical Journal, Volume 130, Issue 2, pp. 367-380.

**Date:** 08/2005

(105)

**Title:** Cosmological parameter analysis including SDSS Ly $\alpha$  forest and galaxy bias: Constraints on the primordial spectrum of fluctuations, neutrino mass, and dark energy

**Authors:** Seljak, U., Makarov, A., McDonald, P., Anderson, S. F., Bahcall, N. A., Brinkmann, J., Burles, S., Cen, R., Doi, M., Gunn, J. E., Ivezić, Z., Kent, S., Loveday, J., Lupton, R. H., Munn, J. A., Nichol, R. C., Ostriker, J. P., Schlegel, D. J., Schneider, D. P., Tegmark, M., Berk, D. E., Weinberg, D. H., and York, D. G.,

**Number of Authors:** 23 (9)

**Journal:** Physical Review D, vol. 71, Issue 10, id. 103515

**Date:** 05/2005

(104)

**Title:** Discovery of a large-scale clumpy structure around the Lynx supercluster at  $z \sim 1.27$

**Authors:** Nakata, F., Kodama, T., Shimasaku, K., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, S., Okamura, S., Ouchi, M., Sekiguchi, M., Ueda, Y., Yagi, M., and Yasuda, N.,

**Number of Authors:** 15 (4)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 357, Issue 4, pp. 1357- 1362.

**Date:** 03/2005

(103)

**Title:** A Discovery of Rapid Optical Flares from Low-Luminosity Active Nuclei in Massive Galaxies

**Authors:** Totani, T., Sumi, T., Kosugi, G., Yasuda, N., Doi, M., and Oda, T.,

**Number of Authors:** 6 (5)

**Journal:** The Astrophysical Journal, Volume 621, Issue 1, pp. L9-L12.

**Date:** 03/2005

(102)

**Title:** The Third Data Release of the Sloan Digital Sky Survey



**Authors:** Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Anderson, K. S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Baldry, I. K., Bastian, S., Berlind, A., Bernardi, M., Blanton, M. R., Bochanski, J. J., Jr., Boroski, W. N., Brewington, H. J., Briggs, J. W., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Castander, F. J., Connolly, A. J., Covey, K. R., Csabai, I., Dalcanton, J. J., Doi, M., Dong, F., Eisenstein, D. J., Evans, M. L., Fan, X., Finkbeiner, D. P., Friedman, S. D., Frieman, J. A., Fukugita, M., Gillespie, B., Glazebrook, K., Gray, J., Grebel, E. K., Gunn, J. E., Gurbani, V. K., Hall, P. B., Hamabe, M., Harbeck, D., Harris, F. H., Harris, H. C., Harvanek, M., Hawley, S. L., Hayes, J., Heckman, T. M., Hendry, J. S., Hennessy, G. S., Hindsley, R. B., Hogan, C. J., Hogg, D. W., Holmgren, D. J., Holtzman, J. A., Ichikawa, S., Ichikawa, T., Ivezić, Z., Jester, S., Johnston, D. E., Jorgensen, A. M., Juric, M., Kent, S. M., Kleinman, S. J., Knapp, G. R., Kniazev, A. Yu., Kron, R. G., Krzesinski, J., Lamb, D. Q., Lampeitl, H., Lee, B. C., Lin, H., Long, D. C., Loveday, J., Lupton, R. H., Mannery, E., Margon, B., Martínez-Delgado, D., Matsubara, T., McGehee, P. M., McKay, T. A., Meiksin, A., Ménard, B., Munn, J. A., Nash, T., Neilsen, E. H., Jr., Newberg, H. J., Newman, P. R., Nichol, R. C., Nicinski, T., Nieto-Santisteban, M., Nitta, A., Okamura, S., O'Mullane, W., Owen, R., Padmanabhan, N., Pauls, G., Peoples, J., Pier, J. R., Pope, A. C., Pourbaix, D., Quinn, T. R., Raddick, M. J., Richards, G. T., Richmond, M. W., Rix, H., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Schroeder, J., Scranton, R., Sekiguchi, M., Sheldon, E., Shimasaku, K., Silvestri, N. M., Smith, J. A., Smolcic, V., Snedden, S. A., Stebbins, A., Stoughton, C., Strauss, M. A., SubbaRao, M., Szalay, A. S., Szapudi, I., Szokoly, P., Szokoly, G. P., Tegmark, M., Teodoro, L., Thakar, A. R., Tremonti, C., Tucker, D. L., Uomoto, A., Vanden Berk, D. E., Vandenberg, J., Vogeley, M. S., Voges, W., Vogt, N. P., Walkowicz, L. M., Wang, S., Weinberg, D. H., West, A. A., White, S. D. M., Wilhite, B. C., Xu, Y., Yanny, B., Yasuda, N., Yip, C., and Yocum, D. R., York, D. G., Zehavi, I., Zibetti, S., and Zucker, D. B.,

**Number of Authors:** 154 (27)

**Journal:** The Astronomical Journal, Volume 129, Issue 3, pp. 1755-1759.

**Date:** 03/2005

(101)

**Title:** The SUBARU Deep Field Project: Lyman  $\alpha$  Emitters at a Redshift of 6.6

**Authors:** Taniguchi, Y., Ajiki, M., Nagao, T., Shioya, Y., Murayama, T., Kashikawa, N., Kodaira, K., Kaifu, N., Ando, H., Karoji, H., Akiyama, M., Aoki,

K., Doi, M., Fujita, S. S., Furusawa, H., Hayashino, T., Iwamuro, F., Iye, M., Kobayashi, N., Kodama, T., Komiyama, Y., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Nariai, K., Ohta, K., Ohyama, Y., Okamura, S., Ouchi, M., Sasaki, T., Sato, Y., Sekiguchi, K., Shimasaku, K., Tamura, H., Umemura, M., Yamada, T., Yasuda, N., and Yoshida, M.,

**Number of Authors:** 40 (13)

**Journal:** Publications of the Astronomical Society of Japan, Vol.57, No.1, pp. 165-182

**Date:** 02/2005

(100)

**Title:** Spectroscopic confirmation of high-redshift supernovae with the ESO VLT.

**Authors:** Lidman, C., Howell, D. A., Folatelli, G., Garavini, G., Nobili, S., Aldering, G., Amanullah, R., Antilogus, P., Astier, P., Blanc, G., Burns, M. S., Conley, A., Deustua, S. E., Doi, M., Ellis, R., Fabbro, S., Fadeyev, V., Gibbons, R., Goldhaber, G., Goobar, A., Groom, D. E., Hook, I., Kashikawa, N., Kim, A. G., Knop, R. A., Lee, B. C., Mendez, J., Morokuma, T., Motohara, K., Nugent, P. E., Pain, R., Perlmutter, S., Prasad, V., Quimby, R., Raux, J., Regnault, N., Ruiz-Lapuente, P., Sainon, G., Schaefer, B. E., Schahmaneche, K., Smith, E., Spadafora, A. L., Stanishev, V., Walton, N. A., Wang, L., Wood-Vasey, W. M., Yasuda, N., and The Supernova Cosmology Project

**Number of Authors:** 48 (14)

**Journal:** Astronomy and Astrophysics, v.430, p.843-851 (2005)

**Date:** 02/2005

(99)

**Title:** The Subaru Deep Field: The Optical Imaging Data

**Authors:** Kashikawa, N., Shimasaku, K., Yasuda, N., Ajiki, M., Akiyama, M., Ando, H., Aoki, K., Doi, M., Fujita, S. S., Furusawa, H., Hayashino, T., Iwamuro, F., Iye, M., Karoji, H., Kobayashi, N., Kodaira, K., Kodama, T., Komiyama, Y., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Murayama, T., Nagao, T., Nariai, K., Ohta, K., Okamura, S., Ouchi, M., Sasaki, T., Sato, Y., Sekiguchi, K., Shioya, Y., Tamura, H., Taniguchi, Y., Umemura, M., Yamada, T., and Yoshida, M.,

**Number of Authors:** 38 (8)

**Journal:** Publications of the Astronomical Society of Japan, Vol.56, No.6, pp.

1011-1023

Date: 12/2004

(98)

Title: Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields:  
Technical Summary and Data Release

Authors: Finkbeiner, D. P., Padmanabhan, N., Schlegel, D. J., Carr, M. A., Gunn, J. E., Rockosi, C. M., Sekiguchi, M., Lupton, R. H., Knapp, G. R., Ivezić, Z., Blanton, M. R., Hogg, D. W., Adelman-McCarthy, J. K., Annis, J., Hayes, J., Kinney, E., Long, D. C., Seljak, U., Strauss, M. A., Yanny, B., Agüeros, M. A., Allam, S. S., Anderson, S. F., Bahcall, N. A., Baldry, I. K., Bernardi, M., Boroski, W. N., Briggs, J. W., Brinkmann, J., Brunner, R. J., Budavári, T., Castander, F. J., Covey, K. R., Csabai, I., Doi, M., Dong, F., Eisenstein, D. J., Fan, X., Friedman, S. D., Fukugita, M., Gillespie, B., Grebel, E. K., Gurbani, V. K., de Haas, E., Harris, F. H., Hendry, J. S., Hennessy, G. S., Jester, S., Johnston, D. E., Jorgensen, A. M., Juric, M., Kent, S. M., Kniazev, A. Yu., Krzesinski, J., Leger, R. F., Lin, H., Loveday, J., Mannery, E., Martínez-Delgado, D., McGehee, P. M., Meiksin, A., Munn, J. A., Neilsen, E. H., Jr., Newman, P. R., Nitta, A., Pauls, G., Quinn, T. R., Rafikov, R. R., Richards, G. T., Richmond, M. W., Schneider, D. P., Schroeder, J., Shimasaku, K., Siegmund, W. A., Smith, J. A., Snedden, S. A., Stebbins, A., Szalay, A. S., Szokoly, G. P., Tegmark, M., Tucker, D. L., Uomoto, A., Vanden Berk, D. E., Weinberg, D. H., West, A. A., Yasuda, N., Yocum, D. R., York, D. G., and Zehavi, I.,

Number of Authors: 89 (35)

Journal: The Astronomical Journal, Volume 128, Issue 5, pp. 2577-2592.

Date: 11/2004

(97)

Title: Fe II/Mg II Emission-Line Ratios of QSOs. II.  $Z > 6$  Objects

Authors: Iwamuro, F., Kimura, M., Eto, S., Maihara, T., Motohara, K., Yoshii, Y., and Doi, M.,

Number of Authors: 7 (7)

Journal: The Astrophysical Journal, Volume 614, Issue 1, pp. 69-74.

Date: 10/2004

(96)

**Title:** A Strong Ly $\alpha$  Emitter at  $z = 6.33$  in the Subaru Deep Field Selected as an I<sup>-</sup> Dropout

**Authors:** Nagao, T., Taniguchi, Y., Kashikawa, N., Kodaira, K., Kaifu, N., Ando, H., Karoji, H., Ajiki, M., Akiyama, M., Aoki, K., Doi, M., Fujita, S. S., Furusawa, H., Hayashino, T., Iwamuro, F., Iye, M., Kobayashi, N., Kodama, T., Komiyama, Y., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Motohara, K., Murayama, T., Nariai, K., Ohta, K., Okamura, S., Ouchi, M., Sasaki, T., Sato, Y., Sekiguchi, K., Shimasaku, K., Shioya, Y., Tamura, H., Tanaka, I., Umemura, M., Yamada, T., Yasuda, N., and Yoshida, M.,

**Number of Authors:** 40 (11)

**Journal:** The Astrophysical Journal, Volume 613, Issue 1, pp. L9-L12.

**Date:** 09/2004

(95)

**Title:** Subaru Deep Survey. VI. A Census of Lyman Break Galaxies at  $z \sim 4$  and 5 in the Subaru Deep Fields: Clustering Properties

**Authors:** Ouchi, M., Shimasaku, K., Okamura, S., Furusawa, H., Kashikawa, N., Ota, K., Doi, M., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 16 (7)

**Journal:** The Astrophysical Journal, Volume 611, Issue 2, pp. 685-702.

**Date:** 08/2004

(94)

**Title:** Subaru Deep Survey. V. A Census of Lyman Break Galaxies at  $z \sim 4$  and 5 in the Subaru Deep Fields: Photometric Properties

**Authors:** Ouchi, M., Shimasaku, K., Okamura, S., Furusawa, H., Kashikawa, N., Ota, K., Doi, M., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 16 (7)

**Journal:** The Astrophysical Journal, Volume 611, Issue 2, pp. 660-684.

**Date:** 08/2004

(93)

**Title:** The Second Data Release of the Sloan Digital Sky Survey

**Authors:** Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S.,

Anderson, K., S. J., Anderson, S. F., Annis, J., Bahcall, N. A., Baldry, I. K., Bastian, S., Berlind, A., Bernardi, M., Blanton, M. R., Bochanski, J. J., Jr., Boroski, W. N., Briggs, J. W., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Carliles, S., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Dong, F., Eisenstein, D. J., Evans, M. L., Fan, X., Finkbeiner, D. P., Friedman, S. D., Frieman, J. A., Fukugita, M., Gal, R. R., Gillespie, B., Glazebrook, K., Gray, J., Grebel, E. K., Gunn, J. E., Gurbani, V. K., Hall, P. B., Hamabe, M., Harris, F. H., Harris, H. C., Harvanek, M., Heckman, T. M., Hendry, J. S., Hennessy, G. S., Hindsley, R. B., Hogan, C. J., Hogg, D. W., Holmgren, D. J., Ichikawa, S., Ichikawa, T., Ivezić, Z., Jester, S., Johnston, D. E., Jorgensen, A. M., Kent, S. M., Kleinman, S. J., Knapp, G. R., Kniazev, A. Yu., Kron, R. G., Krzesinski, J., Kunszt, P. Z., Kuropatkin, N., Lamb, D. Q., Lampeitl, H., Lee, B. C., Leger, R. F., Li, N., Lin, H., Loh, Y., Long, D. C., Loveday, J., Lupton, R. H., Malik, T., Margon, B., Matsubara, T., McGehee, P. M., McKay, T. A., Meiksin, A., Munn, J. A., Nakajima, R., Nash, T., Neilsen, E. H., Jr., Newberg, H. J., Newman, P. R., Nichol, R. C., Nicinski, T., Nieto-Santisteban, M., Nitta, A., Okamura, S., O'Mullane, W., Ostriker, J. P., Owen, R., Padmanabhan, N., Peoples, J., Pier, J. R., Pope, A. C., Quinn, T. R., Richards, G. T., Richmond, M. W., Rix, H., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Scranton, R., Sekiguchi, M., Seljak, U., Sergey, G., Sesar, B., Sheldon, E., Shimasaku, K., Siegmund, W. A., Silvestri, N. M., Smith, J. A., Smolcic, V., Snedden, S. A., Stebbins, A., Stoughton, C., Strauss, M. A., SubbaRao, M., Szalay, A. S., Szapudi, I., Szkody, P., Szokoly, G. P., Tegmark, M., Teodoro, L., Thakar, A. R., Tremonti, C., Tucker, D. L., Uomoto, A., Vanden Berk, D. E., Vandenberg, J., Vogeley, M. S., Voges, W., Vogt, N. P., Walkowicz, L. M., Wang, S., Weinberg, D. H., West, A. A., White, S. D. M., Wilhite, B. C., Xu, Y., Yanny, B., Yasuda, N., Yip, C., Yocum, D. R., York, D. G., Zehavi, I., Zibetti, S., and Zucker, D. B.,

**Number of Authors:** 153 (25)

**Journal:** The Astronomical Journal, Volume 128, Issue 1, pp. 502-512.

**Date:** 07/2004

(88)E

**Title:** Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. 127, 90 (2004)]

**Authors:** Yoshida, M., Ohyama, Y., Iye, M., Aoki, K., Kashikawa, N., Sasaki, T.,

Shimasaku, K., Yagi, M., Okamura, S., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Ouchi, M., Sekiguchi, M., and Yasuda, N.,

**Number of Authors:** 20 (10)

**Journal:** The Astronomical Journal, Volume 127, Issue 6, pp. 3653-3653.

**Date:** 06/2004

(92)

**Title:** Cosmological parameters from SDSS and WMAP

**Authors:** Tegmark, M., Strauss, M. A., Blanton, M. R., Abazajian, K., Dodelson, S., Sandvik, H., Wang, X., Weinberg, D. H., Zehavi, I., Bahcall, N. A., Hoyle, F., Schlegel, D., Scoccimarro, R., Vogeley, M. S., Berlind, A., Budavari, T., Connolly, A., Eisenstein, D. J., Finkbeiner, D., Frieman, J. A., Gunn, J. E., Hui, L., Jain, B., Johnston, D., Kent, S., Lin, H., Nakajima, R., Nichol, R. C., Ostriker, J. P., Pope, A., Scranton, R., Seljak, U., Sheth, R. K., Stebbins, A., Szalay, A. S., Szapudi, I., Xu, Y., Annis, J., Brinkmann, J., Burles, S., Castander, F. J., Csabai, I., Loveday, J., Doi, M., Fukugita, M., Gillespie, B., Hennessey, G., Hogg, D. W., Ivezić, Z., Knapp, G. R., Lamb, D. Q., Lee, B. C., Lupton, R. H., McKay, T. A., Kunszt, P., Munn, J. A., O'Connell, L., Peoples, J., Pier, J. R., Richmond, M., Rockosi, C., Schneider, D. P., Stoughton, C., and Tucker, D. L., vanden Berk, D. E., Yanny, B., and York, D. G.,

**Number of Authors:** 67 (44)

**Journal:** Physical Review D, vol. 69, Issue 10, id. 103501

**Date:** 05/2004

(91)

**Title:** Down-sizing in galaxy formation at  $z \sim 1$  in the Subaru/XMM-Newton Deep Survey (SXDS)

**Authors:** Kodama, T., Yamada, T., Akiyama, M., Aoki, K., Doi, M., Furusawa, H., Fuse, T., Imanishi, M., Ishida, C., Iye, M., Kajisawa, M., Karoji, H., Kobayashi, N., Komiyama, Y., Kosugi, G., Maeda, Y., Miyazaki, S., Mizumoto, Y., Morokuma, T., Nakata, F., Noumaru, J., Ogasawara, R., Ouchi, M., Sasaki, T., Sekiguchi, K., Shimasaku, K., Simpson, C., Takata, T., Tanaka, I., Ueda, Y., Yasuda, N., and Yoshida, M.,

**Number of Authors:** 32 (5)

**Journal:** Monthly Notices of the Royal Astronomical Society, Volume 350, Issue 3,

pp. 1005- 1014.

Date: 05/2004

(90)

Title: The Three-Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky

Authors: Tegmark, M., Blanton, M. R., Strauss, M. A., Hoyle, F., Schlegel, D., Scoccimarro, R., Vogeley, M. S., Weinberg, D. H., Zehavi, I., Berlind, A., Budavari, T., Connolly, A., Eisenstein, D. J., Finkbeiner, D., Frieman, J. A., Gunn, J. E., Hamilton, A. J. S., Hui, L., Jain, B., Johnston, D., Kent, S., Lin, H., Nakajima, R., Nichol, R. C., Ostriker, J. P., Pope, A., Scranton, R., Seljak, U., Sheth, R. K., Stebbins, A., Szalay, A. S., Szapudi, I., Verde, L., Xu, Y., Annis, J., Bahcall, N. A., Brinkmann, J., Burles, S., Castander, F. J., Csabai, I., Loveday, J., Doi, M., Fukugita, M., Gott, J. R., III, Hennessy, G., Hogg, D. W., Ivezić, Z., Knapp, G. R., Lamb, D. Q., Lee, B. C., Lupton, R. H., McKay, T. A., Kunszt, P., Munn, J. A., O'Connell, L., Peoples, J., Pier, J. R., Richmond, M., Rockosi, C., Schneider, D. P., Stoughton, C., Tucker, D. L., Vanden Berk, D. E., Yanny, B., and York, D. G.,

Number of Authors: 65 (42)

Journal: The Astrophysical Journal, Volume 606, Issue 2, pp. 702-740.

Date: 05/2004

(89)

Title: The Search for Galaxy Clustering around a Quasar Pair at  $z=4.25$  Found in the Sloan Digital Sky Survey

Authors: Fukugita, M., Nakamura, O., Schneider, D. P., Doi, M., and Kashikawa, N.,

Number of Authors: 5 (4)

Journal: The Astrophysical Journal, Volume 603, Issue 2, pp. L65-L68.

Date: 03/2004

(88)

Title: Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation

Authors: Yoshida, M., Ohyama, Y., Iye, M., Aoki, K., Kashikawa, N., Sasaki, T., Shimasaku, K., Yagi, M., Okamura, S., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Ouchi, M.,

Sekiguchi, M., and Yasuda, N.,

**Number of Authors:** 20 (10)

**Journal:** The Astronomical Journal, Volume 127, Issue 1, pp. 90-104.

**Date:** 01/2004

(87)

**Title:** Evolution of Elliptical Galaxies at  $z \sim 1$  Revealed from a Large, Multicolor Sample of Extremely Red Objects

**Authors:** Miyazaki, M., Shimasaku, K., Kodama, T., Okamura, S., Furusawa, H., Ouchi, M., Nakata, F., Doi, M., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, S., Nagashima, C., Nagata, T., Nagayama, T., Nakajima, Y., Nakaya, H., Pickles, A. J., Sato, S., Sekiguchi, K., Sekiguchi, M., Sugitani, K., Takata, T., Tamura, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 26 (8)

**Journal:** Publications of the Astronomical Society of Japan, Vol.55, No.6, pp. 1079-1103

**Date:** 12/2003

(86)

**Title:** The Sloan Digital Sky Survey Quasar Catalog. II. First Data Release

**Authors:** Schneider, D. P., Fan, X., Hall, P. B., Jester, S., Richards, G. T., Stoughton, C., Strauss, M. A., SubbaRao, M., Vanden Berk, D. E., Anderson, S. F., Brandt, W. N., Gunn, J. E., Gray, J., Trump, J. R., Voges, W., Yanny, B., Bahcall, N. A., Blanton, M. R., Boroski, W. N., Brinkmann, J., Brunner, R., Burles, S., Castander, F. J., Doi, M., Eisenstein, D., Frieman, J. A., Fukugita, M., Heckman, T. M., Hennessy, G. S., Ivezić, Z., Kent, S., Knapp, G. R., Lamb, D. Q., Lee, B. C., Loveday, J., Lupton, R. H., Margon, B., Meiksin, A., Munn, J. A., Newberg, H. J., Nichol, R. C., Niederste-Ostholt, M., Pier, J. R., Richmond, M. W., Rockosi, C. M., Saxe, D. H., Schlegel, D. J., Szalay, A. S., Thakar, A. R., Uomoto, A., and York, D. G.,

**Number of Authors:** 51 (24)

**Journal:** The Astronomical Journal, Volume 126, Issue 6, pp. 2579-2593.

**Date:** 12/2003

(85)

**Title:** New Constraints on  $\Omega_M$ ,  $\Omega_\Lambda$ , and  $w$  from an Independent



Set of 11 High-Redshift Supernovae Observed with the Hubble Space Telescope

**Authors:** Knop, R. A., Aldering, G., Amanullah, R., Astier, P., Blanc, G., Burns, M. S., Conley, A., Deustua, S. E., Doi, M., Ellis, R., Fabbro, S., Folatelli, G., Fruchter, A. S., Garavini, G., Garmond, S., Garton, K., Gibbons, R., Goldhaber, G., Goobar, A., Groom, D. E., Hardin, D., Hook, I., Howell, D. A., Kim, A. G., Lee, B. C., Lidman, C., Mendez, J., Nobili, S., Nugent, P. E., Pain, R., Panagia, N., Pennypacker, C. R., Perlmutter, S., Quimby, R., Raux, J., Regnault, N., Ruiz-Lapuente, P., Sainton, G., Schaefer, B., Schahmaneche, K., Smith, E., Spadafora, A. L., Stanishev, V., Sullivan, M., Walton, N. A., Wang, L., Wood-Vasey, W. M., and Yasuda, N.,

**Number of Authors:** 48 (9)

**Journal:** The Astrophysical Journal, Volume 598, Issue 1, pp. 102-137.

**Date:** 11/2003

(84)

**Title:** Cosmic Shear Statistics in the Suprime-Cam 2.1 Square Degree Field: Constraints on  $\Omega_m$  and  $\sigma_8$

**Authors:** Hamana, T., Miyazaki, S., Shimasaku, K., Furusawa, H., Doi, M., Hamabe, M., Imi, K., Kimura, M., Komiyama, Y., Nakata, F., Okada, N., Okamura, S., Ouchi, M., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 16 (3)

**Journal:** The Astrophysical Journal, Volume 597, Issue 1, pp. 98-110.

**Date:** 11/2003

(83)

**Title:** The First Data Release of the Sloan Digital Sky Survey

**Authors:** Abazajian, K., Adelman-McCarthy, J. K., Agüeros, M. A., Allam, S. S., Anderson, S. F., Annis, J., Bahcall, N. A., Baldry, I. K., Bastian, S., Berlind, A., Bernardi, M., Blanton, M. R., Blythe, N., Bochanski, J. J., Jr., Boroski, W. N., Brewington, H., Briggs, J. W., Brinkmann, J., Brunner, R. J., Budavári, T., Carey, L. N., Carr, M. A., Castander, F. J., Chiu, K., Collinge, M. J., Connolly, A. J., Covey, K. R., Csabai, I., Dalcanton, J. J., Dodelson, S., Doi, M., Dong, F., Eisenstein, D. J., Evans, M. L., Fan, X., Feldman, P. D., Finkbeiner, D. P., Friedman, S. D., Frieman, J. A., Fukugita, M., Gal, R. R., Gillespie, B., Glazebrook, K., Gonzalez, C. F., Gray, J., Grebel, E. K., Grodnicki, L., Gunn, J. E., Gurbani, V. K., Hall, P. B., Hao, L., Harbeck, D., Harris, F. H., Harris, H. C., Harvanek, M., Hawley, S. L., Heckman, T. M., Helmboldt, J. F., Hendry, J. S.,

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**Number of Authors:** 189 (31)

**Journal:** The Astronomical Journal, Volume 126, Issue 4, pp. 2081-2086.

**Date:** 10/2003

(82)

**Title:** The Optical/Near-Infrared Light Curves of SN 2002ap for the First 140 Days after Discovery

**Authors:** Yoshii, Y., Tomita, H., Kobayashi, Y., Deng, J., Maeda, K., Nomoto, K., Mazzali, P. A., Umeda, H., Aoki, T., Doi, M., Enya, K., Minezaki, T., Suganuma, M., and Peterson, B. A.,

**Number of Authors:** 14 (10)

**Journal:** The Astrophysical Journal, Volume 592, Issue 1, pp. 467-474.

**Date:** 07/2003

(81)

**Title:** Discovery of Latent Star Formation in the Extended H I Gas around the Local Group Dwarf Irregular Galaxy NGC 6822

**Authors:** Komiyama, Y., Okamura, S., Yagi, M., Furusawa, H., Doi, M., Hamabe, M., Imi, K., Kimura, M., Miyazaki, S., Nakata, F., Okada, N., Ouchi, M., Sekiguchi, M., Shimasaku, K., Yasuda, N., Arimoto, N., and Ikuta, C.,

**Number of Authors:** 17 (5)

**Journal:** The Astrophysical Journal, Volume 590, Issue 1, pp. L17-L20.

**Date:** 06/2003

(80)

**Title:** Estimating Fixed-Frame Galaxy Magnitudes in the Sloan Digital Sky Survey

**Authors:** Blanton, M. R., Brinkmann, J., Csabai, I., Doi, M., Eisenstein, D., Fukugita, M., Gunn, J. E., Hogg, D. W., and Schlegel, D. J.,

**Number of Authors:** 9 (4)

**Journal:** The Astronomical Journal, Volume 125, Issue 5, pp. 2348-2360.

**Date:** 05/2003

(79)

**Title:** The Discovery of Two Lyman alpha Emitters beyond Redshift 6 in the Subaru Deep Field

**Authors:** Kodaira, K., Taniguchi, Y., Kashikawa, N., Kaifu, N., Ando, H., Karoji, H., Ajiki, M., Akiyama, M., Aoki, K., Doi, M., Fujita, S. S., Furusawa, H., Hayashino, T., Imanishi, M., Iwamuro, F., Iye, M., Kawabata, K. S., Kobayashi, N., Kodama, T., Komiyama, Y., Kosugi, G., Matsuda, Y., Miyazaki, S., Mizumoto, Y., Motohara, K., Murayama, T., Nagao, T., Nariai, K., Ohta, K., Ohya, Y., Okamura, S., Ouchi, M., Sasaki, T., Sekiguchi, K., Shimasaku, K., Shioya, Y., Takata, T., Tamura, H., Terada, H., Umemura, M., Usuda, T., Yagi, M., Yamada, T., Yasuda, N., and Yoshida, M.,

**Number of Authors:** 45 (10)

**Journal:** Publications of the Astronomical Society of Japan, Vol.55, No.2, pp. L17-L21

**Date:** 04/2003

(78)

**Title:** The Hubble diagram of type Ia supernovae as a function of host galaxy morphology

**Authors:** Sullivan, M., Ellis, R. S., Aldering, G., Amanullah, R., Astier, P., Blanc, G., Burns, M. S., Conley, A., Deustua, S. E., Doi, M., Fabbro, S., Folatelli, G., Fruchter, A. S., Garavini, G., Gibbons, R., Goldhaber, G., Goobar, A., Groom, D. E., Hardin, D., Hook, I., Howell, D. A., Irwin, M., Kim, A. G., Knop, R. A., Lidman, C., McMahon, R., Mendez, J., Nobili, S., Nugent, P. E., Pain, R., Panagia, N., Pennypacker, C. R., Perlmutter, S., Quimby, R., Raux, J., Regnault, N., Ruiz-Lapuente, P., Schaefer, B., Schahmaneche, K., Spadafora, A. L., Walton, N. A., Wang, L., Wood-Vasey, W. M., and Yasuda, N.,

**Number of Authors:** 44 (10)

**Journal:** Monthly Notice of the Royal Astronomical Society, Volume 340, Issue 4, pp. 1057-

**Date:** 04/2003

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**Title:** Subaru Deep Survey. IV. Discovery of a Large-Scale Structure at Redshift  $\sim 5$

**Authors:** Shimasaku, K., Ouchi, M., Okamura, S., Kashikawa, N., Doi, M., Furusawa, H., Hamabe, M., Hayashino, T., Kawabata, K., Kimura, M., Kodaira, K., Komiyama, Y., Matsuda, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Ohta, K., Ohyama, Y., Sekiguchi, M., Shioya, Y., Tamura, H., Taniguchi, Y., Yagi, M., Yamada, T., and Yasuda, N.,

**Number of Authors:** 25 (5)

**Journal:** The Astrophysical Journal, Volume 586, Issue 2, pp. L111-L114.

**Date:** 04/2003

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**Title:** Early-Type Galaxies in the Sloan Digital Sky Survey. IV. Colors and Chemical

**Authors:** Bernardi, M., Sheth, R. K., Annis, J., Burles, S., Finkbeiner, D. P., Lupton, R. H., Schlegel, D. J., SubbaRao, M., Bahcall, N. A., Blakeslee, J. P., Brinkmann, J., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Frieman, J., Heckman, T., Hennessy, G. S., Ivezić, Z., Knapp, G. R., Lamb, D. Q., McKay, T., Munn, J. A., Nichol, R., Okamura, S., Schneider, D. P., Thakar, A. R.,

and York, D. G.,

**Number of Authors:** 29 (19)

**Journal:** The Astronomical Journal, Volume 125, Issue 4, pp. 1882-1896.

**Date:** 04/2003

(75)

**Title:** Early-Type Galaxies in the Sloan Digital Sky Survey. III. The Fundamental Plane

**Authors:** Bernardi, M., Sheth, R. K., Annis, J., Burles, S., Eisenstein, D. J., Finkbeiner, D. P., Hogg, D. W., Lupton, R. H., Schlegel, D. J., SubbaRao, M., Bahcall, N. A., Blakeslee, J. P., Brinkmann, J., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Frieman, J., Heckman, T., Hennessy, G. S., Ivezić, Z., Knapp, G. R., Lamb, D. Q., McKay, T., Munn, J. A., Nichol, R., Okamura, S., Schneider, D. P., Thakar, A. R., and York, D. G.,

**Number of Authors:** 31 (17)

**Journal:** The Astronomical Journal, Volume 125, Issue 4, pp. 1866-1881.

**Date:** 04/2003

(74)

**Title:** Early-type Galaxies in the Sloan Digital Sky Survey. II. Correlations between Observables

**Authors:** Bernardi, M., Sheth, R. K., Annis, J., Burles, S., Eisenstein, D. J., Finkbeiner, D. P., Hogg, D. W., Lupton, R. H., Schlegel, D. J., SubbaRao, M., Bahcall, N. A., Blakeslee, J. P., Brinkmann, J., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Frieman, J., Heckman, T., Hennessy, G. S., Ivezić, Z., Knapp, G. R., Lamb, D. Q., McKay, T., Munn, J. A., Nichol, R., Okamura, S., Schneider, D. P., Thakar, A. R., and York, D. G.,

**Number of Authors:** 31 (17)

**Journal:** The Astronomical Journal, Volume 125, Issue 4, pp. 1849-1865.

**Date:** 04/2003

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**Title:** Early-Type Galaxies in the Sloan Digital Sky Survey. I. The Sample

**Authors:** Bernardi, M., Sheth, R. K., Annis, J., Burles, S., Eisenstein, D. J., Finkbeiner, D. P., Hogg, D. W., Lupton, R. H., Schlegel, D. J., SubbaRao, M., Bahcall, N. A., Blakeslee, J. P., Brinkmann, J., Castander, F. J., Connolly, A. J.,

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**Number of Authors:** 31 (17)

**Journal:** The Astronomical Journal, Volume 125, Issue 4, pp. 1817-1848.

**Date:** 04/2003

(72)

**Title:** Narrowband Imaging in [O III] and H $\alpha$  to Search for Intracluster Planetary Nebulae in the Virgo Cluster

**Authors:** Arnaboldi, M., Freeman, K. C., Okamura, S., Yasuda, N., Gerhard, O., Napolitano, N. R., Pannella, M., Ando, H., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Kajino, T., Komiyama, Y., Miyazaki, S., Nakata, F., Ouchi, M., Sekiguchi, M., Shimasaku, K., and Yagi, M.,

**Number of Authors:** 20 (9)

**Journal:** The Astronomical Journal, Volume 125, Issue 2, pp. 514-524.

**Date:** 02/2003

(71)

**Title:** Subaru Deep Survey. II. Luminosity Functions and Clustering Properties of Ly $\alpha$  Emitters at  $z=4.86$  in the Subaru Deep Field

**Authors:** Ouchi, M., Shimasaku, K., Furusawa, H., Miyazaki, M., Doi, M., Hamabe, M., Hayashino, T., Kimura, M., Kodaira, K., Komiyama, Y., Matsuda, Y., Miyazaki, S., Nakata, F., Okamura, S., Sekiguchi, M., Shioya, Y., Tamura, H., Taniguchi, Y., Yagi, M., and Yasuda, N.,

**Number of Authors:** 20 (5)

**Journal:** The Astrophysical Journal, Volume 582, Issue 1, pp. 60-68.

**Date:** 01/2003

(70)

**Title:** A Search for Ly $\alpha$  Emitters at Redshift 3.7

**Authors:** Fujita, S. S., Ajiki, M., Shioya, Y., Nagao, T., Murayama, T., Taniguchi, Y., Okamura, S., Ouchi, M., Shimasaku, K., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Sekiguchi, M., Yagi, M., Yasuda, N., Matsuda, Y., Tamura, H., Hayashino, T., Kodaira, K., Karoji, H., Yamada, T., Ohta, K., and Umemura, M.,

**Number of Authors:** 28 (10)

**Journal:** The Astronomical Journal, Volume 125, Issue 1, pp. 13-31.

**Date:** 01/2003

(69)

**Title:** Candidates for Intracluster Planetary Nebulae in the Virgo Cluster Based on the Suprime-Cam Narrow-Band Imaging in [O III] and H $\alpha$

**Authors:** Okamura, S., Yasuda, N., Arnaboldi, M., Freeman, K. C., Ando, H., Doi, M., Furusawa, H., Gerhard, O., Hamabe, M., Kimura, M., Kajino, T., Komiyama, Y., Miyazaki, S., Nakata, F., Napolitano, N. R., Ouchi, M., Pannella, M., Sekiguchi, M., Shimasaku, K., and Yagi, M.,

**Number of Authors:** 20 (6)

**Journal:** Publications of the Astronomical Society of Japan, Vol.54, No.6, pp.883-889

**Date:** 12/2002

(68)

**Title:** Subaru Prime Focus Camera -- Suprime-Cam

**Authors:** Miyazaki, S., Komiyama, Y., Sekiguchi, M., Okamura, S., Doi, M., Furusawa, H., Hamabe, M., Imi, K., Kimura, M., Nakata, F., Okada, N., Ouchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

**Number of Authors:** 15 (5)

**Journal:** Publications of the Astronomical Society of Japan, Vol.54, No.6, pp.833-853

**Date:** 12/2002

(67)

**Title:** Searching for Dark Matter Halos in the Suprime-Cam 2 Square Degree Field

**Authors:** Miyazaki, S., Hamana, T., Shimasaku, K., Furusawa, H., Doi, M., Hamabe, M., Imi, K., Kimura, M., Komiyama, Y., Nakata, F., Okada, N., Okamura, S., Ouchi, M., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 16 (5)

**Journal:** The Astrophysical Journal, Volume 580, Issue 2, pp. L97-L100.

**Date:** 12/2002

(66)

**Title:** The Angular Correlation Function of Galaxies from Early Sloan Digital Sky Survey

**Authors:** Connolly, A. J., Scranton, R., Johnston, D., Dodelson, S., Eisenstein, D. J., Frieman, J. A., Gunn, J. E., Hui, L., Jain, B., Kent, S., Loveday, J., Nichol, R. C., O'Connell, L., Postman, M., Scoccimarro, R., Sheth, R. K., Stebbins, A., Strauss, M. A., Szalay, A. S., Szapudi, I., Tegmark, M., Vogeley, M. S., Zehavi, I., Annis, J., Bahcall, N., Brinkmann, J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Hindsley, R., Ichikawa, T., Ivezić, Z., Kim, R. S. J., Knapp, G. R., Kunszt, P., Lamb, D. Q., Lee, B. C., Lupton, R. H., McKay, T. A., Munn, J., Peoples, J., Pier, J., Rockosi, C., Schlegel, D., Stoughton, C., Tucker, D. L., Yanny, B., and York, D. G.,

**Number of Authors:** 49 (28)

**Journal:** The Astrophysical Journal, Volume 579, Issue 1, pp. 42-47.

**Date:** 11/2002

(65)

**Title:** Optical and Radio Properties of Extragalactic Sources Observed by the FIRST Survey and the Sloan Digital Sky Survey

**Authors:** Ivezić, Z., Menou, K., Knapp, G. R., Strauss, M. A., Lupton, R. H., Vanden Berk, D. E., Richards, G. T., Tremonti, C., Weinstein, M. A., Anderson, S., Bahcall, N. A., Becker, R. H., Bernardi, M., Blanton, M., Eisenstein, D., Fan, X., Finkbeiner, D., Finlator, K., Frieman, J., Gunn, J. E., Hall, P. B., Kim, R. S. J., Kinkhabwala, A., Narayanan, V. K., Rockosi, C. M., Schlegel, D., Schneider, D. P., Strateva, I., SubbaRao, M., Thakar, A. R., Voges, W., White, R. L., Yanny, B., Brinkmann, J., Doi, M., Fukugita, M., Hennessy, G. S., Munn, J. A., Nichol, R. C., and York, D. G.,

**Number of Authors:** 40 (35)

**Journal:** The Astronomical Journal, Volume 124, Issue 5, pp. 2364-2400.

**Date:** 11/2002

(64)

**Title:** Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Main Galaxy Sample

**Authors:** Strauss, M. A., Weinberg, D. H., Lupton, R. H., Narayanan, V. K., Annis, J., Bernardi, M., Blanton, M., Burles, S., Connolly, A. J., Dalcanton, J., Doi, M.,



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**Number of Authors:** 36 (11)

**Journal:** The Astronomical Journal, Volume 124, Issue 3, pp. 1810-1824.

**Date:** 09/2002

(63)

**Title:** Unusual Broad Absorption Line Quasars from the Sloan Digital Sky Survey

**Authors:** Hall, P. B., Anderson, S. F., Strauss, M. A., York, D. G., Richards, G. T., Fan, X., Knapp, G. R., Schneider, D. P., Vanden Berk, D. E., Geballe, T. R., Bauer, A. E., Becker, R. H., Davis, M., Rix, H., Nichol, R. C., Bahcall, N. A., Brinkmann, J., Brunner, R., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Gunn, J. E., Haiman, Z., Harvanek, M., Heckman, T. M., Hennessy, G. S., Inada, N., Ivezić, Z., Johnston, D., Kleinman, S., Krolik, J. H., Krzesinski, J., Kunszt, P. Z., Lamb, D. Q., Long, D. C., Lupton, R. H., Miknaitis, G., Munn, J. A., Narayanan, V. K., Neilsen, E., Newman, P. R., Nitta, A., Okamura, S., Pentericci, L., Pier, J. R., Schlegel, D. J., Snedden, S., Szalay, A. S., Thakar, A. R., Tsvetanov, Z., White, R. L., and Zheng, W.,

**Number of Authors:** 53 (20)

**Journal:** The Astrophysical Journal Supplement Series, Volume 141, Issue 2, pp. 267-309.

**Date:** 08/2002

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**Title:** The Luminosity Density of Red Galaxies

**Authors:** Hogg, D. W., Blanton, M., Strateva, I., Bahcall, N. A., Brinkmann, J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G., Ivezić, Z., Knapp, G. R., Lamb, D. Q., Lupton, R., Munn, J. A., Nichol, R., Schlegel, D. J., Schneider, D. P., and York, D. G.,

**Number of Authors:** 18 (7)

**Journal:** The Astronomical Journal, Volume 124, Issue 2, pp. 646-651.

**Date:** 08/2002

(61)

**Title:** The Type Ic Hypernova SN 2002ap

**Authors:** Mazzali, P. A., Deng, J., Maeda, K., Nomoto, K., Umeda, H., Hatano, K., Iwamoto, K., Yoshii, Y., Kobayashi, Y., Minezaki, T., Doi, M., Enya, K., Tomita, H., Smartt, S. J., Kinugasa, K., Kawakita, H., Ayani, K., Kawabata, T., Yamaoka, H., Qiu, Y. L., Motohara, K., Gerardy, C. L., Fesen, R., Kawabata, K. S., Iye, M., Kashikawa, N., Kosugi, G., Ohya, Y., Takada-Hidai, M., Zhao, G., Chornock, R., Filippenko, A. V., Benetti, S., and Turatto, M.,

**Number of Authors:** 34 (11)

**Journal:** The Astrophysical Journal, Volume 572, Issue 1, pp. L61-L65.

**Date:** 06/2002

(60)

**Title:** The Three-dimensional Power Spectrum from Angular Clustering of Galaxies in Early Sloan Digital Sky Survey Data

**Authors:** Dodelson, S., Narayanan, V. K., Tegmark, M., Scranton, R., Budavári, T., Connolly, A., Csabai, I., Eisenstein, D., Frieman, J. A., Gunn, J. E., Hui, L., Jain, B., Johnston, D., Kent, S., Loveday, J., Nichol, R. C., O'Connell, L., Scoccimarro, R., Sheth, R. K., Stebbins, A., Strauss, M. A., Szalay, A. S., Szapudi, I., Vogeley, M. S., Zehavi, I., Annis, J., Bahcall, N. A., Brinkman, J., Doi, M., Fukugita, M., Hennessy, G., Ivezić, Z., Knapp, G. R., Kunszt, P., Lamb, D. Q., Lee, B. C., Lupton, R. H., Munn, J. A., Peoples, J., Pier, J. R., Rockosi, C., Schlegel, D., Stoughton, C., Tucker, D. L., Yanny, B., and York, D. G.,

**Number of Authors:** 46 (29)

**Journal:** The Astrophysical Journal, Volume 572, Issue 1, pp. 140-156.

**Date:** 06/2002

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**Title:** The Angular Power Spectrum of Galaxies from Early Sloan Digital Sky Survey Data

**Authors:** Tegmark, M., Dodelson, S., Eisenstein, D. J., Narayanan, V., Scoccimarro, R., Scranton, R., Strauss, M. A., Connolly, A., Frieman, J. A., Gunn, J. E., Hui, L., Jain, B., Johnston, D., Kent, S., Loveday, J., Nichol, R. C., O'Connell, L., Sheth, R. K., Stebbins, A., Szalay, A. S., Szapudi, I., Vogeley, M. S., Zehavi, I., Annis, J., Bahcall, N. A., Brinkmann, J., Csabai, I., Doi, M., Fukugita,

M., Hennessy, G., Ivezić, Z., Knapp, G. R., Lamb, D. Q., Lee, B. C., Lupton, R. H., McKay, T. A., Kunszt, P., Munn, J. A., Peoples, J., Pier, J. R., Richmond, M., Rockosi, C., Schlegel, D., Stoughton, C., Tucker, D. L., Yanny, B., and York, D. G.,

**Number of Authors:** 47 (27)

**Journal:** The Astrophysical Journal, Volume 571, Issue 1, pp. 191-205.

**Date:** 05/2002

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**Title:** Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data

**Authors:** Zehavi, I., Blanton, M. R., Frieman, J. A., Weinberg, D. H., Mo, H. J., Strauss, M. A., Anderson, S. F., Annis, J., Bahcall, N. A., Bernardi, M., Briggs, J. W., Brinkmann, J., Burles, S., Carey, L., Castander, F. J., Connolly, A. J., Csabai, I., Dalcanton, J. J., Dodelson, S., Doi, M., Eisenstein, D., Evans, M. L., Finkbeiner, D. P., Friedman, S., Fukugita, M., Gunn, J. E., Hennessy, G. S., Hindsley, R. B., Ivezić, Z., Kent, S., Knapp, G. R., Kron, R., Kunszt, P., Lamb, D. Q., Leger, R. F., Long, D. C., Loveday, J., Lupton, R. H., McKay, T., Meiksin, A., Merrelli, A., Munn, J. A., Narayanan, V., Newcomb, M., Nichol, R. C., Owen, R., Peoples, J., Pope, A., Rockosi, C. M., Schlegel, D., Schneider, D. P., Scoccimarro, R., Sheth, R. K., Siegmund, W., Smee, S., Snir, Y., Stebbins, A., Stoughton, C., SubbaRao, M., Szalay, A. S., Szapudi, I., Tegmark, M., Tucker, D. L., Uomoto, A., Vanden Berk, D., Vogeley, M. S., Waddell, P., Yanny, B., and York, D. G.,

**Number of Authors:** 69 (20)

**Journal:** The Astrophysical Journal, Volume 571, Issue 1, pp. 172-190.

**Date:** 05/2002

(57)

**Title:** Higher Order Moments of the Angular Distribution of Galaxies from Early Sloan Digital Sky Survey Data

**Authors:** Szapudi, I., Frieman, J. A., Scoccimarro, R., Szalay, A. S., Connolly, A. J., Dodelson, S., Eisenstein, D. J., Gunn, J. E., Johnston, D., Kent, S., Loveday, J., Meiksin, A., Nichol, R. C., Scranton, R., Stebbins, A., Vogeley, M. S., Annis, J., Bahcall, N. A., Brinkman, J., Csabai, I., Doi, M., Fukugita, M., Ivezić, Z., Kim, R. S. J., Knapp, G. R., Lamb, D. Q., Lee, B. C., Lupton, R. H., McKay, T. A., Munn, J., Peoples, J., Pier, J., Rockosi, C., Schlegel, D., Stoughton, C., Tucker, D. L., Yanny, B., and York, D. G.,

**Number of Authors:** 38 (21)

**Journal:** The Astrophysical Journal, Volume 570, Issue 1, pp. 75-85.

**Date:** 05/2002

(56)

**Title:** A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. V. Dependence of the Spectroscopic Properties on Location in the Cluster

**Authors:** Carter, D., Mobasher, B., Bridges, T. J., Poggianti, B. M., Komiyama, Y., Kashikawa, N., Doi, M., Iye, M., Okamura, S., Sekiguchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

**Number of Authors:** 13 (7)

**Journal:** The Astrophysical Journal, Volume 567, Issue 2, pp. 772-780.

**Date:** 03/2002

(55)

**Title:** Discovery of a Very Extended Emission-Line Region around the Seyfert 2 Galaxy NGC 4388

**Authors:** Yoshida, M., Yagi, M., Okamura, S., Aoki, K., Ohya, Y., Komiyama, Y., Yasuda, N., Iye, M., Kashikawa, N., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Miyazaki, M., Miyazaki, S., Nakata, F., Ouchi, M., Sekiguchi, M., Shimasaku, K., and Ohtani, H.,

**Number of Authors:** 20 (10)

**Journal:** The Astrophysical Journal, Volume 567, Issue 1, pp. 118-129.

**Date:** 03/2002

(54)

**Title:** A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. I. Wide-Area Photometric Survey: Observation and Data Analysis

**Authors:** Komiyama, Y., Sekiguchi, M., Kashikawa, N., Yagi, M., Doi, M., Iye, M., Okamura, S., Shimasaku, K., Yasuda, N., Mobasher, B., Carter, D., Bridges, T. J., and Poggianti, B. M.,

**Number of Authors:** 13 (5)

**Journal:** The Astrophysical Journal Supplement Series, Volume 138, Issue 2, pp. 265-278.

**Date:** 02/2002

(53)

**Title:** The Sloan Digital Sky Survey Quasar Catalog. I. Early Data Release

**Authors:** Schneider, D. P., Richards, G. T., Fan, X., Hall, P. B., Strauss, M. A., Vanden Berk, D. E., Gunn, J. E., Newberg, H. J., Reichard, T. A., Stoughton, C., Voges, W., Yanny, B., Anderson, S. F., Annis, J., Bahcall, N. A., Bauer, A., Bernardi, M., Blanton, M. R., Boroski, W. N., Brinkmann, J., Briggs, J. W., Brunner, R., Burles, S., Carey, L., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Friedman, S., Frieman, J. A., Fukugita, M., Heckman, T. M., Hennessy, G. S., Hindsley, R. B., Hogg, D. W., Ivezić, Z., Kent, S., Knapp, G. R., Kunzst, P. Z., Lamb, D. Q., Leger, R. F., Long, D. C., Loveday, J., Lupton, R. H., Margon, B., Meiksin, A., Merelli, A., Munn, J. A., Newcomb, M., Nichol, R. C., Owen, R., Pier, J. R., Pope, A., Rockosi, C. M., Saxe, D. H., Schlegel, D., Siegmund, W. A., Smee, S., Snir, Y., SubbaRao, M., Szalay, A. S., Thakar, A. R., Uomoto, A., Waddell, P., and York, D. G.,

**Number of Authors:** 65 (28)

**Journal:** The Astronomical Journal, Volume 123, Issue 2, pp. 567-577.

**Date:** 02/2002

(52)

**Title:** Fe II/Mg II Emission-Line Ratios of QSOs within  $0 < z < 5.3$

**Authors:** Iwamuro, F., Motohara, K., Maihara, T., Kimura, M., Yoshii, Y., and Doi, M.,

**Number of Authors:** 6 (6)

**Journal:** The Astrophysical Journal, Volume 565, Issue 1, pp. 63-77.

**Date:** 01/2002

(51)

**Title:** Sloan Digital Sky Survey: Early Data Release

**Authors:** Stoughton, C., Lupton, R. H., Bernardi, M., Blanton, M. R., Burles, S., Castander, F. J., Connolly, A. J., Eisenstein, D. J., Frieman, J. A., Hennessy, G. S., Hindsley, R. B., Ivezić, Z., Kent, S., Kunzst, P. Z., Lee, B. C., Meiksin, A., Munn, J. A., Newberg, H. J., Nichol, R. C., Nicinski, T., Pier, J. R., Richards, G. T., Richmond, M. W., Schlegel, D. J., Smith, J. A., Strauss, M. A., SubbaRao, M., Szalay, A. S., Thakar, A. R., Tucker, D. L., Vanden Berk, D. E., Yanny, B., Adelman, J. K., Anderson, J. E., Jr., Anderson, S. F., Annis, J., Bahcall, N. A., Bakken, J. A., Bartelmann, M., Bastian, S., Bauer, A., Berman, E., Böhringer, H.,

Boroski, W. N., Bracker, S., Briegel, C., Briggs, J. W., Brinkmann, J., Brunner, R., Carey, L., Carr, M. A., Chen, B., Christian, D., Colestock, P. L., Crocker, J. H., Csabai, I., Czarapata, P. C., Dalcanton, J., Davidsen, A. F., Davis, J. E., Dehnen, W., Dodelson, S., Doi, M., Dombeck, T., Donahue, M., Ellman, N., Elms, B. R., Evans, M. L., Eyer, L., Fan, X., Federwitz, G. R., Friedman, S., Fukugita, M., Gal, R., Gillespie, B., Glazebrook, K., Gray, J., Grebel, E. K., Greenawalt, B., Greene, G., Gunn, J. E., de Haas, E., Haiman, Z., Haldeman, M., Hall, P. B., Hamabe, M., Hansen, B., Harris, F. H., Harris, H., Harvanek, M., Hawley, S. L., Hayes, J. J. E., Heckman, T. M., Helmi, A., Henden, A., Hogan, C. J., Hogg, D. W., Holmgren, D. J., Holtzman, J., Huang, C., Hull, C., Ichikawa, S., Ichikawa, T., Johnston, D. E., Kauffmann, G., Kim, R. S. J., Kimball, T., Kinney, E., Klaene, M., Kleinman, S. J., Klypin, A., Knapp, G. R., Korienek, J., Krolik, J., Kron, R. G., Krzesinski, J., Lamb, D. Q., Leger, R. F., Limmongkol, S., Lindenmeyer, C., Long, D. C., Loomis, C., Loveday, J., MacKinnon, B., Mannery, E. J., Mantsch, P. M., Margon, B., McGehee, P., McKay, T. A., McLean, B., Menou, K., Merelli, A., Mo, H. J., Monet, D. G., Nakamura, O., Narayanan, V. K., Nash, T., Neilsen, E. H., Jr., Newman, P. R., Nitta, A., Odenkirchen, M., Okada, N., Okamura, S., Ostriker, J. P., Owen, R., Pauls, A. G., Peoples, J., Peterson, R. S., Petravick, D., Pope, A., Pordes, R., Postman, M., Prosapio, A., Quinn, T. R., Rechenmacher, R., Rivetta, C. H., Rix, H., Rockosi, C. M., Rosner, R., Ruthmansdorfer, K., Sandford, D., Schneider, D. P., Scranton, R., Sekiguchi, M., Sergey, G., Sheth, R., Shimasaku, K., Smee, S., Snedden, S. A., Stebbins, A., Stubbs, C., Szapudi, I., Szkody, P., Szokoly, G. P., Tabachnik, S., Tsvetanov, Z., Uomoto, A., Vogeley, M. S., Voges, W., Waddell, P., Walterbos, R., Wang, S., Watanabe, M., Weinberg, D. H., White, R. L., White, S. D. M., Wilhite, B., Wolfe, D., Yasuda, N., York, D. G., Zehavi, I., and Zheng, W.,

**Number of Authors:** 192 (63)

**Journal:** The Astronomical Journal, Volume 123, Issue 1, pp. 485-548.

**Date:** 01/2002

(50)

**Title:** Luminosity Functions of 10 Nearby Clusters of Galaxies. II. Analysis of the Luminosity Function

**Authors:** Yagi, M., Kashikawa, N., Sekiguchi, M., Doi, M., Yasuda, N., Shimasaku, K., and Okamura, S.,

**Number of Authors:** 7 (4)

**Journal:** The Astronomical Journal, Volume 123, Issue 1, pp. 87-99.

Date: 01/2002

(49)

Title: Luminosity Functions of 10 Nearby Clusters of Galaxies. I. Data

Authors: Yagi, M., Kashikawa, N., Sekiguchi, M., Doi, M., Yasuda, N., Shimasaku, K., and Okamura, S.,

Number of Authors: 7 (4)

Journal: The Astronomical Journal, Volume 123, Issue 1, pp. 66-86.

Date: 01/2002

(48)

Title: Galaxy Population in a Cluster of Galaxies around the Radio Galaxy 3C 324 at  $z=1.2$

Authors: Nakata, F., Kajisawa, M., Yamada, T., Kodama, T., Shimasaku, K., Tanaka, I., Doi, M., Furusawa, H., Hamabe, M., Iye, M., Kimura, M., Komiyama, Y., Miyazaki, S., Okamura, S., Ouchi, M., Sasaki, T., Sekiguchi, M., Yagi, M., and Yasuda, N.,

Number of Authors: 19 (7)

Journal: Publications of the Astronomical Society of Japan, Vol.53, No.6, pp. 1139-1152

Date: 12/2001

(47)

Title: A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. II. Spectroscopic Observations

Authors: Mobasher, B., Bridges, T. J., Carter, D., Poggianti, B. M., Komiyama, Y., Kashikawa, N., Doi, M., Iye, M., Okamura, S., Sekiguchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

Number of Authors: 13 (7)

Journal: The Astrophysical Journal Supplement Series, Volume 137, Issue 2, pp. 279-296.

Date: 12/2001

(46)

Title: Ages of S0 and Elliptical Galaxies in the Coma Cluster

Authors: Poggianti, B. M., Bridges, T. J., Mobasher, B., Carter, D., Doi, M., Iye,

M., Kashikawa, N., Komiyama, Y., Okamura, S., Sekiguchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

**Number of Authors:** 13 (5)

**Journal:** The Astrophysical Journal, Volume 563, Issue 1, pp. 118-123.

**Date:** 12/2001

(45)

**Title:** A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. III. Spectral Ages and Metallicities

**Authors:** Poggianti, B. M., Bridges, T. J., Mobasher, B., Carter, D., Doi, M., Iye, M., Kashikawa, N., Komiyama, Y., Okamura, S., Sekiguchi, M., Shimasaku, K., Yagi, M., and Yasuda, N.,

**Number of Authors:** 13 (5)

**Journal:** The Astrophysical Journal, Volume 562, Issue 2, pp. 689-712.

**Date:** 12/2001

(44)

**Title:** Evidence for Reionization at  $z \sim 6$ : Detection of a Gunn-Peterson Trough in a  $z=6.28$  Quasar

**Authors:** Becker, R. H., Fan, X., White, R. L., Strauss, M. A., Narayanan, V. K., Lupton, R. H., Gunn, J. E., Annis, J., Bahcall, N. A., Brinkmann, J., Connolly, A. J., Csabai, I., Czarapata, P. C., Doi, M., Heckman, T. M., Hennessy, G. S., Ivezić, Z., Knapp, G. R., Lamb, D. Q., McKay, T. A., Munn, J. A., Nash, T., Nichol, R., Pier, J. R., Richards, G. T., Schneider, D. P., Stoughton, C., Szalay, A. S., Thakar, A. R., and York, D. G.,

**Number of Authors:** 30 (14)

**Journal:** The Astronomical Journal, Volume 122, Issue 6, pp. 2850-2857.

**Date:** 12/2001

(43)

**Title:** A Survey of  $z > 5.8$  Quasars in the Sloan Digital Sky Survey. I. Discovery of Three New Quasars and the Spatial Density of Luminous Quasars at  $z \sim 6$

**Authors:** Fan, X., Narayanan, V. K., Lupton, R. H., Strauss, M. A., Knapp, G. R., Becker, R. H., White, R. L., Pentericci, L., Leggett, S. K., Haiman, Z., Gunn, J. E., Ivezić, Z., Schneider, D. P., Anderson, S. F., Brinkmann, J., Bahcall, N. A., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Geballe, T., Grebel, E. K.,



Harbeck, D., Hennessy, G., Lamb, D. Q., Miknaitis, G., Munn, J. A., Nichol, R., Okamura, S., Pier, J. R., Prada, F., Richards, G. T., Szalay, A., and York, D. G.,

**Number of Authors:** 34 (19)

**Journal:** The Astronomical Journal, Volume 122, Issue 6, pp. 2833-2849.

**Date:** 12/2001

(42)

**Title:** Color Separation of Galaxy Types in the Sloan Digital Sky Survey Imaging Data

**Authors:** Strateva, I., Ivezić, Z., Knapp, G. R., Narayanan, V. K., Strauss, M. A., Gunn, J. E., Lupton, R. H., Schlegel, D., Bahcall, N. A., Brinkmann, J., Brunner, R. J., Budavári, T., Csabai, I., Castander, F. J., Doi, M., Fukugita, M., Gyory, Z., Hamabe, M., Hennessy, G., Ichikawa, T., Kunszt, P. Z., Lamb, D. Q., McKay, T. A., Okamura, S., Racusin, J., Sekiguchi, M., Schneider, D. P., Shimasaku, K., and York, D.,

**Number of Authors:** 29 (15)

**Journal:** The Astronomical Journal, Volume 122, Issue 4, pp. 1861-1874.

**Date:** 10/2001

(41)

**Title:** Clustering Properties of Galaxies at  $z \sim 4$  in the Subaru/XMM Deep Survey Field

**Authors:** Ouchi, M., Shimasaku, K., Okamura, S., Doi, M., Furusawa, H., Hamabe, M., Kimura, M., Komiyama, Y., Miyazaki, M., Miyazaki, S., Nakata, F., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 14 (4)

**Journal:** The Astrophysical Journal, Volume 558, Issue 2, pp. L83-L86.

**Date:** 09/2001

(40)

**Title:** Statistical Properties of Bright Galaxies in the Sloan Digital Sky Survey Photometric System

**Authors:** Shimasaku, K., Fukugita, M., Doi, M., Hamabe, M., Ichikawa, T., Okamura, S., Sekiguchi, M., Yasuda, N., Brinkmann, J., Csabai, I., Ichikawa, S., Ivezić, Z., Kunszt, P. Z., Schneider, D. P., Szokoly, G. P., Watanabe, M., and York, D. G.,

**Number of Authors:** 17 (3)

**Journal:** The Astronomical Journal, Volume 122, Issue 3, pp. 1238-1250.

**Date:** 09/2001

(39)

**Title:** Galaxy Number Counts from the Sloan Digital Sky Survey Commissioning Data

**Authors:** Yasuda, N., Fukugita, M., Narayanan, V. K., Lupton, R. H., Strateva, I., Strauss, M. A., Ivezić, Z., Kim, R. S. J., Hogg, D. W., Weinberg, D. H., Shimasaku, K., Loveday, J., Annis, J., Bahcall, N. A., Blanton, M., Brinkmann, J., Brunner, R. J., Connolly, A. J., Csabai, I., Doi, M., Hamabe, M., Ichikawa, S., Ichikawa, T., Johnston, D. E., Knapp, G. R., Kunszt, P. Z., Lamb, D. Q., McKay, T. A., Munn, J. A., Nichol, R. C., Okamura, S., Schneider, D. P., Szokoly, G. P., Vogeley, M. S., Watanabe, M., and York, D. G.,

**Number of Authors:** 36 (20)

**Journal:** The Astronomical Journal, Volume 122, Issue 3, pp. 1104-1124.

**Date:** 09/2001

(38)

**Title:** Composite Quasar Spectra from the Sloan Digital Sky Survey

**Authors:** Vanden Berk, D. E., Richards, G. T., Bauer, A., Strauss, M. A., Schneider, D. P., Heckman, T. M., York, D. G., Hall, P. B., Fan, X., Knapp, G. R., Anderson, S. F., Annis, J., Bahcall, N. A., Bernardi, M., Briggs, J. W., Brinkmann, J., Brunner, R., Burles, S., Carey, L., Castander, F. J., Connolly, A. J., Crocker, J. H., Csabai, I., Doi, M., Finkbeiner, D., Friedman, S., Frieman, J. A., Fukugita, M., Gunn, J. E., Hennessy, G. S., Ivezić, Z., Kent, S., Kunszt, P. Z., Lamb, D. Q., Leger, R. F., Long, D. C., Loveday, J., Lupton, R. H., Meiksin, A., Merelli, A., Munn, J. A., Newberg, H. J., Newcomb, M., Nichol, R. C., Owen, R., Pier, J. R., Pope, A., Rockosi, C. M., Schlegel, D. J., Siegmund, W. A., Smee, S., Snir, Y., Stoughton, C., Stubbs, C., SubbaRao, M., Szalay, A. S., Szokoly, G. P., Tremonti, C., Uomoto, A., Waddell, P., Yanny, B., and Zheng, W.,

**Number of Authors:** 62 (24)

**Journal:** The Astronomical Journal, Volume 122, Issue 2, pp. 549-564.

**Date:** 08/2001

(37)

**Title:** High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. VI. Sloan Digital Sky Survey Spectrograph Observations

**Authors:** Anderson, S. F., Fan, X., Richards, G. T., Schneider, D. P., Strauss, M. A., Vanden Berk, D. E., Gunn, J. E., Knapp, G. R., Schlegel, D., Voges, W., Yanny, B., Bahcall, N. A., Bernardi, M., Brinkmann, J., Brunner, R., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Ivezic, Z., Kunszt, P. Z., Lamb, D. Q., Loveday, J., Lupton, R. H., McKay, T. A., Munn, J. A., Nichol, R. C., Szokoly, G. P., and York, D. G.,

**Number of Authors:** 29 (17)

**Journal:** The Astronomical Journal, Volume 122, Issue 2, pp. 503-517.

**Date:** 08/2001

(36)

**Title:** The Luminosity Function of Galaxies in SDSS Commissioning Data

**Authors:** Blanton, M. R., Dalcanton, J., Eisenstein, D., Loveday, J., Strauss, M. A., SubbaRao, M., Weinberg, D. H., Anderson, J. E., Jr., Annis, J., Bahcall, N. A., Bernardi, M., Brinkmann, J., Brunner, R. J., Burles, S., Carey, L., Castander, F. J., Connolly, A. J., Csabai, I., Doi, M., Finkbeiner, D., Friedman, S., Frieman, J. A., Fukugita, M., Gunn, J. E., Hennessy, G. S., Hindsley, R. B., Hogg, D. W., Ichikawa, T., Ivezic, Z., Kent, S., Knapp, G. R., Lamb, D. Q., Leger, R. F., Long, D. C., Lupton, R. H., McKay, T. A., Meiksin, A., Merelli, A., Munn, J. A., Narayanan, V., Newcomb, M., Nichol, R. C., Okamura, S., Owen, R., Pier, J. R., Pope, A., Postman, M., Quinn, T., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Shimasaku, K., Siegmund, W. A., Smee, S., Snir, Y., Stoughton, C., Stubbs, C., Szalay, A. S., Szokoly, G. P., Thakar, A. R., Tremonti, C., Tucker, D. L., Uomoto, A., Vanden Berk, D., Vogeley, M. S., Waddell, P., and Yanny, B., Yasuda, N., and York, D. G.,

**Number of Authors:** 69 (19)

**Journal:** The Astronomical Journal, Volume 121, Issue 5, pp. 2358-2380.

**Date:** 05/2001

(35)

**Title:** The First Hour of Extragalactic Data of the Sloan Digital Sky Survey Spectroscopic Commissioning: The Coma Cluster

**Authors:** Castander, F. J., Nichol, R. C., Merelli, A., Burles, S., Pope, A., Connolly, A. J., Uomoto, A., Gunn, J. E., Anderson, J. E., Annis, J., Bahcall, N. A.,

Boroski, W. N., Brinkmann, J., Carey, L., Crocker, J. H., Csabai, I., Doi, M., Frieman, J. A., Fukugita, M., Friedman, S. D., Hilton, E. J., Hindsley, R. B., Ivezić, Z., Kent, S., Lamb, D. Q., Leger, R. F., Long, D. C., Loveday, J., Lupton, R. H., MacGillivray, H., Meiksin, A., Munn, J. A., Newcomb, M., Okamura, S., Owen, R., Pier, J. R., Rockosi, C. M., Schlegel, D. J., Schneider, D. P., Seigmund, W., Smee, S., Snir, Y., Starkman, L., Stoughton, C., Szokoly, G. P., Stubbs, C., SubbaRao, M., Szalay, A., and Thakar, A. R., Tremonti, C., Waddell, P., Yanny, B., and York, D. G.,

**Number of Authors:** 53 (17)

**Journal:** The Astronomical Journal, Volume 121, Issue 5, pp. 2331-2357.

**Date:** 05/2001

(34)

**Title:** Colors of 2625 Quasars at  $0 < Z < 5$  Measured in the Sloan Digital Sky Survey Photometric System

**Authors:** Richards, G. T., Fan, X., Schneider, D. P., Vanden Berk, D. E., Strauss, M. A., York, D. G., Anderson, J. E., Jr., Anderson, S. F., Annis, J., Bahcall, N. A., Bernardi, M., Briggs, J. W., Brinkmann, J., Brunner, R., Burles, S., Carey, L., Castander, F. J., Connolly, A. J., Crocker, J. H., Csabai, I., Doi, M., Finkbeiner, D., Friedman, S. D., Frieman, J. A., Fukugita, M., Gunn, J. E., Hindsley, R. B., Ivezić, Z., Kent, S., Knapp, G. R., Lamb, D. Q., Leger, R. F., Long, D. C., Loveday, J., Lupton, R. H., McKay, T. A., Meiksin, A., Merrelli, A., Munn, J. A., Newberg, H. J., Newcomb, M., Nichol, R. C., Owen, R., Pier, J. R., Pope, A., Richmond, M. W., Rockosi, C. M., Schlegel, D. J., Siegmund, W. A., Smee, S., Snir, Y., Stoughton, C., Stubbs, C., SubbaRao, M., Szalay, A. S., Szokoly, G. P., Tremonti, C., Uomoto, A., Waddell, P., Yanny, B., and Zheng, W.,

**Number of Authors:** 61 (21)

**Journal:** The Astronomical Journal, Volume 121, Issue 5, pp. 2308-2330.

**Date:** 05/2001

(33)

**Title:** High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. III. A Color-selected Sample at  $I^* < 20$  in the Fall Equatorial Stripe

**Authors:** Fan, X., Strauss, M. A., Richards, G. T., Newman, J. A., Becker, R. H., Schneider, D. P., Gunn, J. E., Davis, M., White, R. L., Lupton, R. H., Anderson, J. E., Jr., Annis, J., Bahcall, N. A., Brunner, R. J., Csabai, I., Doi, M., Fukugita, M.,

Hennessy, G. S., Hindsley, R. B., Ivezić, Z., Knapp, G. R., McKay, T. A., Munn, J. A., Pier, J. R., Szalay, A. S., and York, D. G.,

**Number of Authors:** 26 (16)

**Journal:** The Astronomical Journal, Volume 121, Issue 1, pp. 31-53.

**Date:** 01/2001

(32)

**Title:** Identification of A-colored Stars and Structure in the Halo of the Milky Way from Sloan Digital Sky Survey Commissioning Data

**Authors:** Yanny, B., Newberg, H. J., Kent, S., Laurent-Muehleisen, S. A., Pier, J. R., Richards, G. T., Stoughton, C., Anderson, J. E., Jr., Annis, J., Brinkmann, J., Chen, B., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Ivezić, Z., Knapp, G. R., Lupton, R., Munn, J. A., Nash, T., Rockosi, C. M., Schneider, D. P., Smith, J. A., and York, D. G.,

**Number of Authors:** 24 (13)

**Journal:** The Astrophysical Journal, Volume 540, Issue 2, pp. 825-841.

**Date:** 09/2000

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**Title:** The Sloan Digital Sky Survey: Technical Summary

**Authors:** York, D. G., Adelman, J., Anderson, J. E., Jr., Anderson, S. F., Annis, J., Bahcall, N. A., Bakken, J. A., Barkhouser, R., Bastian, S., Berman, E., Boroski, W. N., Bracker, S., Briegel, C., Briggs, J. W., Brinkmann, J., Brunner, R., Burles, S., Carey, L., Carr, M. A., Castander, F. J., Chen, B., Colestock, P. L., Connolly, A. J., Crocker, J. H., Csabai, I., Czarapata, P. C., Davis, J. E., Doi, M., Dombeck, T., Eisenstein, D., Ellman, N., Elms, B. R., Evans, M. L., Fan, X., Federwitz, G. R., Fiscelli, L., Friedman, S., Frieman, J. A., Fukugita, M., Gillespie, B., Gunn, J. E., Gurbani, V. K., de Haas, E., Haldeman, M., Harris, F. H., Hayes, J., Heckman, T. M., Hennessy, G. S., Hindsley, R. B., Holm, S., Holmgren, D. J., Huang, C., Hull, C., Husby, D., Ichikawa, S., Ichikawa, T., Ivezić, Z., Kent, S., Kim, R. S. J., Kinney, E., Klaene, M., Kleinman, A. N., Kleinman, S., Knapp, G. R., Korienek, J., Kron, R. G., Kunszt, P. Z., Lamb, D. Q., Lee, B., Leger, R. F., Limmongkol, S., Lindenmeyer, C., Long, D. C., Loomis, C., Loveday, J., Lucinio, R., Lupton, R. H., MacKinnon, B., Mannery, E. J., Mantsch, P. M., Margon, B., McGehee, P., McKay, T. A., Meiksin, A., Merelli, A., Monet, D. G., Munn, J. A., Narayanan, V. K., Nash, T., Neilsen, E., Neswold, R., Newberg, H. J., Nichol, R. C., Nicinski, T., Nonino,

M., Okada, N., Okamura, S., Ostriker, J. P., Owen, R., Pauls, A. G., Peoples, J., Peterson, R. L., Petravick, D., Pier, J. R., Pope, A., Pordes, R., Prosapio, A., Rechenmacher, R., Quinn, T. R., Richards, G. T., Richmond, M. W., Rivetta, C. H., Rockosi, C. M., Ruthmansdorfer, K., Sandford, D., Schlegel, D. J., Schneider, D. P., Sekiguchi, M., Sergey, G., Shimasaku, K., Siegmund, W. A., Smee, S., Smith, J. A., Snedden, S., Stone, R., Stoughton, C., Strauss, M. A., Stubbs, C., SubbaRao, M., Szalay, A. S., Szapudi, I., Szokoly, G. P., Thakar, A. R., Tremonti, C., Tucker, D. L., Uomoto, A., Vanden Berk, D., Vogeley, M. S., Waddell, P., Wang, S., Watanabe, M., Weinberg, D. H., Yanny, B., and Yasuda, N.,

**Number of Authors:** 144 (28)

**Journal:** The Astronomical Journal, Volume 120, Issue 3, pp. 1579-1587.

**Date:** 09/2000

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**Title:** The Discovery of a Luminous  $Z=5.80$  Quasar from the Sloan Digital Sky Survey

**Authors:** Fan, X., White, R. L., Davis, M., Becker, R. H., Strauss, M. A., Haiman, Z., Schneider, D. P., Gregg, M. D., Gunn, J. E., Knapp, G. R., Lupton, R. H., Anderson, J. E., Jr., Anderson, S. F., Annis, J., Bahcall, N. A., Boroski, W. N., Brunner, R. J., Chen, B., Connolly, A. J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., H., Robert B., Ichikawa, T., Ivezic, Z., Loveday, J., Meiksin, A., McKay, T. A., Munn, J. A., Newberg, H. J., Nichol, R., Okamura, S., Pier, J. R., Sekiguchi, M., Shimasaku, K., Stoughton, C., Szalay, A. S., Szokoly, G. P., Thakar, A. R., Vogeley, M. S., and York, D. G.,

**Number of Authors:** 42 (21)

**Journal:** The Astronomical Journal, Volume 120, Issue 3, pp. 1167-1174.

**Date:** 09/2000

(29)

**Title:** Deep-Imaging Observations of a CandiDate of an Absorbed QSO at  $z=0.653$ , AX J131831+3341

**Authors:** Akiyama, M., Ohta, K., Tamura, N., Doi, M., Kimura, M., Komiyama, Y., Miyazaki, S., Nakata, F., Okamura, S., Sekiguchi, M., Shimasaku, K., Yagi, M., Hamabe, M., Yoshida, M., and Takata, T.,

**Number of Authors:** 15 (4)

**Journal:** Publ. of the Astronomical Society of Japan, v.52, p.577-584.

Date: 08/2000

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Title: CandiDate RR Lyrae Stars Found in Sloan Digital Sky Survey  
Commissioning Data

Authors: Ivezić, Z., Goldston, J., Finlator, K., Knapp, G. R., Yanny, B., McKay, T. A., Amrose, S., Krisciunas, K., Willman, B., Anderson, S., Schaber, C., Erb, D., Logan, C., Stubbs, C., Chen, B., Neilsen, E., Uomoto, A., Pier, J. R., Fan, X., Gunn, J. E., Lupton, R. H., Rockosi, C. M., Schlegel, D., Strauss, M. A., Annis, J., Brinkmann, J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Hindsley, R. B., Margon, B., Munn, J. A., Newberg, H. J., Schneider, D. P., Smith, J. A., Szokoly, G. P., Thakar, A. R., Vogeley, M. S., Waddell, P., Yasuda, N., and York, D. G.,

Number of Authors: 42 (28)

Journal: The Astronomical Journal, Volume 120, Issue 2, pp. 963-977.

Date: 08/2000

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Title: New Improved Photometric Redshifts of Galaxies in the Hubble Deep Field

Authors: Furusawa, H., Shimasaku, K., Doi, M., Okamura, S.,

Number of Authors: 4 (3)

Journal: The Astrophysical Journal, Volume 534, Issue 2, pp. 624-635.

Date: 05/2000

(26)

Title: High-Resolution Images of the Ring Nebula Taken with the Subaru  
Telescope

Authors: Komiyama, Y., Yagi, M., Miyazaki, S., Okamura, S., Tamura, S., Fukushima, H., Doi, M., Furusawa, H., Fuse, T., Hamabe, M., Hayashi, M., Hayashino, T., Imi, K., Iye, M., Kaifu, N., Karoji, H., Kawasaki, W., Kimura, M., Kosugi, G., Nakata, F., Noumaru, J., Okada, N., Sasaki, T., Sawada, Y., Sekiguchi, M., Shelton, I., Shimasaku, K., Suzuki, K., Takata, T., Taniguchi, Y., Usuda, T., Yamashita, T., and Yasuda, N.,

Number of Authors: 33 (7)

Journal: Publ. of the Astronomical Society of Japan, v.52, p.93.

Date: 02/2000

(25)

**Title:** Infrared Imaging of the Gravitational Lens PG 1115+080 with the Subaru Telescope

**Authors:** Iwamuro, F., Motohara, K., Maihara, T., Iwai, J., Tanabe, H., Taguchi, T., Hata, R., Terada, H., Goto, M., Oya, S., Akiyama, M., Ando, H., Aoki, T., Chikada, Y., Doi, M., Fukuda, T., Hamabe, M., Hayashi, M., Hayashi, S. S., Horaguchi, T., Ichikawa, S., Ichikawa, T., Imanishi, M., Imi, K., Inata, M., Isobe, S., Itoh, Y., Iye, M., Kaifu, N., Kamata, Y., Kanzawa, T., Karoji, H., Kashikawa, N., Kato, T., Kobayashi, N., Kobayashi, Y., Kodaira, K., Kosugi, G., Kurakami, T., Mikami, Y., Miyashita, A., Miyata, T., Miyazaki, S., Mizumoto, Y., Nakagiri, M., Nakajima, K., Nakamura, K., Nariai, K., Nishihara, E., Nishikawa, J., Nishimura, S., Nishimura, T., Nishino, T., Noguchi, K., Noguchi, T., Noumaru, J., Ogasawara, R., Okada, N., Okita, K., Omata, K., Oshima, N., Otsubo, M., Sasaki, G., Sasaki, T., Sekiguchi, M., Sekiguchi, K., Shelton, I., Simpson, C., Suto, H., Takami, H., Takata, T., Takato, N., Tamura, M., Tanaka, K., Tanaka, W., Tomono, D., Torii, Y., Usuda, T., Waseda, K., Watanabe, J., Watanabe, M., Yagi, M., Yamashita, T., Yamashita, Y., Yasuda, N., Yoshida, M., Yoshida, S., and Yutani, M.,

**Number of Authors:** 88 (15)

**Journal:** Publ. of the Astronomical Society of Japan, v.52, p.25.

**Date:** 02/2000

(24)

**Title:** Subaru First-Light Deep Photometry of Galaxies in A 851 Field

**Authors:** Iye, M., Iwamuro, F., Maihara, T., Miyazaki, S., Okamura, S., Shimasaku, K., Simpson, C., Akiyama, M., Ando, H., Aoki, T., Aoki, T., Chikada, Y., Doi, M., Ebizuka, N., Fukuda, T., Furusawa, H., Goto, M., Hamabe, M., Hata, R., Hayashi, M., Hayashi, S. S., Horaguchi, T., Ichikawa, S., Ichikawa, T., Imanishi, M., Imi, K., Inata, M., Isobe, S., Itoh, Y., Iwai, J., Kaifu, N., Kamata, Y., Kanzawa, T., Karoji, H., Kashikawa, N., Kato, T., Kawasaki, W., Kimura, M., Kobayashi, N., Kobayashi, Y., Kodaira, K., Komiyama, Y., Kosugi, G., Kurakami, T., Mikami, Y., Miyashita, A., Miyata, T., Mizumoto, Y., Motohara, K., Nakagiri, M., Nakajima, K., Nakamura, K., Nakata, F., Nariai, K., Nishihara, E., Nishikawa, J., Nishimura, S., Nishimura, T., Nishino, T., Noguchi, K., Noguchi, T., Noumaru, J., Ogasawara, R., Okada, N., Okita, K., Omata, K., Oshima, N., Otsubo, M., Oya, S., Sasaki, G., Sasaki, T., Sawada, Y., Sekiguchi, K., Sekiguchi,



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**Number of Authors:** 99 (13)

**Journal:** Publ. of the Astronomical Society of Japan, v.52, p.9.

**Date:** 02/2000

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**Title:** The First Light of the Subaru Telescope: A New Infrared Image of the Orion Nebula

**Authors:** Kaifu, N., Usuda, T., Hayashi, S. S., Itoh, Y., Akiyama, M., Yamashita, T., Nakajima, Y., Tamura, M., Inutsuka, S., Hayashi, M., Maihara, T., Iwamuro, F., Motohara, K., Iwai, J., Tanabe, H., Taguchi, T., Hata, R., Terada, H., Goto, M., Ando, H., Aoki, T., Chikada, Y., Doi, M., Ebizuka, N., Fukuda, T., Hamabe, M., Hasegawa, T., Horaguchi, T., Ichikawa, S., Ichikawa, T., Imanishi, M., Imi, K., Inata, M., Isobe, S., Iye, M., Kamata, Y., Kanzawa, T., Karoji, H., Kashikawa, N., Kataza, H., Kato, T., Kobayashi, N., Kobayashi, Y., Kodaira, K., Kosugi, G., Kurakami, T., Mikami, Y., Miyama, S. M., Miyashita, A., Miyata, T., Miyazaki, S., Mizumoto, Y., Nakagiri, M., Nakajima, K., Nakamura, K., Nariai, K., Nishihara, E., Nishikawa, J., Nishimura, S., Nishimura, T., Nishino, T., Noguchi, K., Noguchi, T., Noumaru, J., Ogasawara, R., Okada, N., Okita, K., Omata, K., Oshima, N., Otsubo, M., Sasaki, G., Sasaki, T., Sekiguchi, M., Sekiguchi, K., Shelton, I., Simpson, C., Suto, H., Takami, H., Takata, T., Takato, N., Tanaka, K., Tanaka, W., Tomono, D., Torii, Y., Waseda, K., Watanabe, J., Watanabe, M., Yagi, M., Yamashita, Y., Yasuda, N., Yoshida, M., Yoshida, S., and Yutani, M.,

**Number of Authors:** 93 (23)

**Journal:** Publ. of the Astronomical Society of Japan, v.52, p.1.

**Date:** 02/2000

(22)

**Title:** High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. II. The Spring Equatorial Stripe

**Authors:** Fan, X., Strauss, M. A., Schneider, D. P., Gunn, J. E., Lupton, R. H., Anderson, S. F., Voges, W., Margon, B., Annis, J., Bahcall, N. A., Brinkmann, J.,

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**Number of Authors:** 36 (15)

**Journal:** The Astronomical Journal, Volume 119, Issue 1, pp. 1-11.

**Date:** 01/2000

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**Title:** The Discovery of a High-Redshift Quasar without Emission Lines from Sloan Digital Sky Survey Commissioning Data

**Authors:** Fan, X., Strauss, M. A., Gunn, J. E., Lupton, R. H., Carilli, C. L., Rupen, M. P., Schmidt, G. D., Moustakas, L. A., Davis, M., Annis, J., Bahcall, N. A., Brinkmann, J., Brunner, R. J., Csabai, I., Doi, M., Fukugita, M., Heckman, T. M., Hennessy, G. S., Hindsley, R. B., Ivezić, Z., Knapp, G. R., Lamb, D. Q., Munn, J. A., Pauls, A. G., Pier, J. R., Rockosi, C. M., Schneider, D. P., Szalay, A. S., Tucker, D. L., and York, D. G.,

**Number of Authors:** 30 (15)

**Journal:** The Astrophysical Journal, Volume 526, Issue 2, pp. L57-L60.

**Date:** 12/1999

(20)

**Title:** Probing the evolution of early-type galaxies using multicolour number counts and redshift distributions

**Authors:** Nakata, F., Shimasaku, K., Doi, M., Kashikawa, N., Kawasaki, W., Komiyama, Y., Okamura, S., Sekiguchi, M., Yagi, M., and Yasuda, N.,

**Number of Authors:** 10 (3)

**Journal:** Monthly Notices, Volume 309, Issue 4, pp. L25-L29.

**Date:** 11/1999

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**Title:** High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data

**Authors:** Fan, X., Strauss, M. A., Schneider, D. P., Gunn, J. E., Lupton, R. H., Yanny, B., Anderson, S. F., Anderson, J. E., Jr., Annis, J., Bahcall, N. A., Bakken,

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**Number of Authors:** 89 (25)

**Journal:** The Astronomical Journal, Volume 118, Issue 1, pp. 1-13.

**Date:** 07/1999

(18)

**Title:** The Sloan Digital Sky Survey Photometric Camera

**Authors:** Gunn, J. E., Carr, M., Rockosi, C., Sekiguchi, M., Berry, K., Elms, B., de Haas, E., Ivezić, Z., Knapp, G., Lupton, R., Pauls, G., Simcoe, R., Hirsch, R., Sanford, D., Wang, S., York, D., Harris, F., Annis, J., Bartozek, L., Boroski, W., Bakken, J., Haldeman, M., Kent, S., Holm, S., Holmgren, D., Petravick, D., Prosapio, A., Rechenmacher, R., Doi, M., Fukugita, M., Shimasaku, K., Okada, N., Hull, C., Siegmund, W., Mannery, E., Blouke, M., Heidtman, D., Schneider, D., Lucinio, R., and Brinkman, J.,

**Number of Authors:** 40 (29)

**Journal:** The Astronomical Journal, Volume 116, Issue 6, pp. 3040-3081.

**Date:** 12/1998

(17)

**Title:** The Morphology Dependence of Luminosity Segregation in the Coma Cluster

**Authors:** Kashikawa, N., Sekiguchi, M., Doi, M., Komiyama, Y., Okamura, S.,

Shimasaku, K., Yagi, M., and Yasuda, N.,  
**Number of Authors:** 8 (3)  
**Journal:** Astrophysical Journal v.500, p.750  
**Date:** 06/1998

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**Title:** An objective and automatic cluster finder: an improvement of the matched-filter  
**Authors:** Kawasaki, W., Shimasaku, K., Doi, M., and Okamura, S.,  
**Number of Authors:** 4 (3)  
**Journal:** Astronomy and Astrophysics Supplement, v.130, p.567-579  
**Date:** 06/1998

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**Title:** Wide-Field Imaging with Mosaic CCD Cameras  
**Authors:** Okamura, S., Doi, M., Kawasaki, W., Komiyama, Y., Shimasaku, K., Yagi, M., Yasuda, N., Kashikawa, N.,  
**Number of Authors:** 8 (2)  
**Journal:** Journal of the Korean Astronomical Society, v. 29 Supplement,, p.S375  
**Date:** 12/1996

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**Title:** A Supernova Search with Public Astronomical Observatories in Japan  
**Authors:** Yamaoka, H., Doi, M., Shigeyama, T., Watanabe, M., Yasuda, N.,  
**Number of Authors:** 5 (2)  
**Journal:** Journal of the Korean Astronomical Society, v. 29 Supplement,, p.S213  
**Date:** 12/1996

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**Title:** The Sloan Digital Sky Survey Photometric System  
**Authors:** Fukugita, M., Ichikawa, T., Gunn, J. E., Doi, M., Shimasaku, K., and Schneider, D. P.,  
**Number of Authors:** 6 (4)  
**Journal:** Astronomical Journal v.111, p.1748  
**Date:** 04/1996

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**Title:** Differences in the Luminosity Functions of Faint Early-Type and Faint Late-Type Galaxies in Four Nearby Clusters of Galaxies

**Authors:** Kashikawa, N., Shimasaku, K., Yagi, M., Yasuda, N., Doi, M., Okamura, S., and Sekiguchi, M.,

**Number of Authors:** 7 (5)

**Journal:** Astrophysical Journal Letters v.452, p.L99

**Date:** 10/1995

(11)

**Title:** The distribution of early- and late-type galaxies in the Coma cluster

**Authors:** Doi, M., Fukugita, M., Okamura, S., and Turner, E. L.,

**Number of Authors:** 4 (1)

**Journal:** Astronomical Journal (ISSN 0004-6256), vol. 109, No.4, p. 1490-1497

**Date:** 04/1995

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**Title:** Automated surface photometry for the Coma Cluster galaxies: The catalog

**Authors:** Doi, M., Fukugita, M., Okamura, S., and Tarusawa, K.,

**Number of Authors:** 4 (1)

**Journal:** Astrophysical Journal Supplement Series (ISSN 0067-0049), vol. 97, No.1, p. 77-88

**Date:** 03/1995

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**Title:** Automated software for surface photometry of galaxies

**Authors:** Doi, M., Fukugita, M., and Okamura, S.,

**Number of Authors:** 3 (1)

**Journal:** Astrophysical Journal Supplement Series (ISSN 0067-0049), vol. 97, No.1, p. 59-75

**Date:** 03/1995

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**Title:** Morphology classification of galaxies in CL 0939+4713 using a ground-based telescope image

**Authors:** Fukugita, M., Doi, M., Dressler, A., and Gunn, J. E.,

**Number of Authors:** 4 (2)

**Journal:** The Astrophysical Journal, Part 1 (ISSN 0004-637X), vol. 439, No.2, p. 584-587

**Date:** 02/1995

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**Title:** Morphological Classification of Galaxies Using Simple Photometric Parameters

**Authors:** Doi, M., Fukugita, M., and Okamura, S.,

**Number of Authors:** 3 (1)

**Journal:** R.A.S. MONTHLY NOTICES V.264, No.4/OCT15, P. 832, 1993

**Date:** 10/1993

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**Title:** Development of a 2000 X 8144-pixel mosaic CCD camera

**Authors:** Sekiguchi, M., Iwashita, H., Doi, M., Kashikawa, N., and Okamura, S.,

**Number of Authors:** 5 (3)

**Journal:** Astronomical Society of the Pacific, Publications (ISSN 0004-6280), vol. 104, No. 679, p. 744-751.

**Date:** 09/1992

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**Title:** A study of inclination effects on galaxy surface brightness

**Authors:** Kodaira, K., Doi, M., and Shimasaku, K.,

**Number of Authors:** 3 (2)

**Journal:** 2, Aug. 1992, p. 569-577.

**Date:** 08/1992

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**Title:** Redshift observation of Shakhbazyan's compact groups of galaxies and their number-diameter relation

**Authors:** Kodaira, K., Sekiguchi, M., Sugai, H., and Doi, M.,

**Journal:** Astronomical Society of Japan,

Publications (ISSN 0004-6264), vol. 43, no. 1, 1991, p. 169-176., **Date:** 2/1991

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**Title:** Nuclear concentration of molecular gas in the late-type spiral galaxy NGC 6946 - 300 parsec scale gaseous disk

**Authors:** Ishizuki, S., Kawabe, R., Ishiguro, M., Okumura, S. K., Morita, K.-I., Chikada, Y., Kasuga, T., and Doi, M.,

**Number of Authors:** 8 (8)

**Journal:** Astrophysical Journal, Part 1 (ISSN 0004-637X), vol. 355, June 1, 1990, p. 436-441.

**Date:** 06/1990

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**Title:** CO observations of the central region of the galaxy NGC 4258

**Authors:** Sofue Y., Doi M., Krause M., Nakai N., and Handa T.,

**Number of Authors:** 5 (2)

**Journal:** Astronomical Society of Japan, Publications (ISSN 0004-6264), vol. 41, No.1, 1989, p. 113-122.

**Date:** 00/1989

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**Title:** CO observations of the central region of the spiral galaxy NGC 6946

**Authors:** Sofue Y., Doi M., Ishizuki S., Nakai N., and Handa T.,

**Number of Authors:** 5 (2)

**Journal:** Astronomical Society of Japan, Publications (ISSN 0004-6264), vol. 40, No.5, 1988, p. 511-532.

**Date:** 00/1988