

Curriculum Vitae

長尾 透 (京都大学 白眉プロジェクト)

略歴

- 2003年4月-2004年3月 東北大学大学院理学研究科天文学専攻 学振特別研究員 DC2
- 2004年4月-2005年3月 東北大学大学院理学研究科天文学専攻 学振特別研究員 PD
- 2004年4月-2006年9月 イタリア国立天文学研究所アルチェトリ天文台 客員研究員
- 2005年4月-2008年3月 自然科学研究機構国立天文台光赤外研究部 学振特別研究員 PD
- 2008年4月-2011年3月 愛媛大学大学院理工学研究科数理物質科学専攻 助教
- 2008年4月-2011年3月 愛媛大学宇宙進化研究センター 助教 (併任)
- 2010年4月-2011年3月 自然科学研究機構国立天文台光赤外研究部 客員研究員
- 2011年4月 (-2016年3月) 京都大学次世代研究者育成センター 白眉研究者 (特定准教授)
- 2011年4月 (-2016年3月) 京都大学大学院理学研究科 連携准教授
- 2011年6月-2012年3月 宇宙科学研究所 SPICA プリプロジェクト 共同研究員
- 2011年6月 (-2013年3月) 愛媛大学宇宙進化研究センター 客員研究員
- 2012年4月 (-2013年3月) 京都大学宇宙総合学研究ユニット 併任教員
- 2012年4月 (-2013年3月) 宇宙科学研究所 大学共同利用システム研究員

学協会委員等

- 2008年4月-2011年4月 国立天文台 UH88/UKIRT Time Allocation Committee 委員
- 2009年10月 (-2013年9月) 光学赤外線天文連絡会 運営委員
- 2010年4月-2012年4月 Thirty Meter Telescope サイエンス検討会 AGN 班 chief
- 2010年12月 (-2012年5月) 国立天文台 TMT 推進小委員会 委員
- 2011年8月 (-2013年7月) 国立天文台すばる望遠鏡プログラム小委員会 委員

業績まとめ

- 査読付論文： 99 編 (内、筆頭著者として発表した論文 20 編)
- 査読無論文： 42 編 (内、筆頭著者として発表した論文 18 編)
- 招待講演・特別講演： 17 件 (内、国際研究会における招待講演 2 件)
- 獲得研究資金： 14 件 (総額 19,488 千円、全て研究代表者としてのもの)
- 受賞： 3 件

査読付論文

1. “Discovery of a Protocluster at $z \sim 6$ ”
Jun Toshikawa, Nobunari Kashikawa, Kazuaki Ota, Tomoki Morokuma, Takatoshi Shibuya, Masao Hayashi, Tohru Nagao, Kinhua Jiang, Matthew A. Malkan, Eiichi Egami, Kazuhiro Shimasaku, Kentaro Motohara, and Yoshihumi Ishizaki
The Astrophysical Journal, in press (2012) [arXiv:1203.1326]
2. “Photo- z Performance for Precision Cosmology II : Empirical Verification”
R. Bordoloi, Simon J. Lilly, A. Amara, P. A. Oesch, S. Bardelli, E. Zucca, D. Vergani, Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
Monthly Notices of the Royal Astronomical Society, Volume 421, Page 1671–1677 (2012)
3. “Stellar Metallicity of Star-forming Galaxies at $z > 3$ ”
Veronica Sommariva, Filippo Mannucci, Giovanni Cresci, Roberto Maiolino, Alessandro Marconi, Tohru Nagao, Andrea Baroni, and Andrea Grazian
Astronomy and Astrophysics, Volume 539, Article ID A136 (2012)
4. “The Role of Galaxy Interaction in Environmental Dependence of the Star Formation Activity at $z \sim 1.2$ ”
Yuko Ideue, Yoshiaki Taniguchi, Tohru Nagao, Yasuhiro Shioya, Masaru Kajisawa, Jonathan R. Trump, D. Vergani, A. Iovino, Anton M. Koekemoer, Olivier Le Fevre, Olivier Ilbert, and Nick Z. Scoville
The Astrophysical Journal, Volume 747, Article ID 42 (2012)
5. “Keck Spectroscopy of Lyman-Break Galaxies and Its Implications for the UV-continuum and Ly α Luminosity Functions at $z > 6$ ”
Linhua Jiang, Eiichi Egami, Nobunari Kashikawa, Gregory Walth, Yuichi Matsuda, Kazuhiro Shimasaku, Tohru Nagao, Kazuaki Ota, and Masami Ouchi
The Astrophysical Journal, Volume 743, Article ID 65 (2011)
6. “Dissecting Photometric Redshift for AGN Using XMM- and Chandra-COSMOS Samples”
Mara Salvato, Olivier Ilbert, Gunter Hasinger, A. Rau, Francesca Civano, G. Zamorani, Marcella Brusa, Martin Elvis, C. Vignali, Herve Aussel, Andrea Comastri, F. Fiore, E. Le Floch, Vincenzo Mainieri, S. Bardelli, M. Bolzonella, Angegla Bongiorno, Peter Capak, K. Caputi, Nico Cappelluti, C. M. Carollo, T. Contini, B. Garilli, A. Iovino, S. Fotopoulou, A. Fruscione, Roberto Gilli, C. Halliday, J. -P. Kneib, Yuko Kakazu, J. S. Kartaltepe, Anton M. Koekemoer, K. Kovac, Yuko Ideue, Hiroyuki Ikeda, Chris D. Impey, Olivier Le Fevre, F. Lamareille, G. Lanzuisi, J. -F. Le Borgne, V. Le Brun, Simon Lilly, C. Maier, S. Manohar, Daniel Masters, Henry McCracken, H. Messias, M. Mignoli, Bahram Mobasher, Tohru Nagao, R. Pello, S. Puccetti, E. Perez Montero, Alvio Renzini, M. Sargent, David B. Sanders, M. Scodreggio, Nick Z. Scoville, P. Shopbell, John Silvermann, Yoshiaki Taniguchi, L. Tasca, L. Tresse, Jonathan R. Trump, and E. Zucca
The Astrophysical Journal, Volume 742, Article ID 61 (2011)
7. “Chemical Properties in the Most Distant Radio Galaxy at $z = 5.2$ ”
Kenta Matsuoka, Tohru Nagao, Roberto Maiolino, Alessandro Marconi, and Yoshiaki Taniguchi
Astronomy and Astrophysics, Volume 532, Article ID L10 (2011)
8. “Enhanced [CII] Emission in a $z = 4.76$ Submillimetre Galaxy”
Carlos De Breuck, Roberto Maiolino, Paola Caselli, Kristen Coppin, Steve Hailey-Dunsheath, and Tohru Nagao
Astronomy and Astrophysics, Volume 530, Article ID L8 (2011)
9. “A Census of Star-Forming Galaxies at $z = 1 - 3$ in the Subaru Deep Field”
Chun Ly, Matthew A. Malkan, Masao Hayashi, Kentaro Motohara, Nobunari Kashikawa, Kazuhiro Shimasaku, Tohru Nagao, and Celestine Grady
The Astrophysical Journal, Volume 735, Article ID 91 (2011)

10. “Completing the Census of Ly α Emitters at the Reionization Epoch”
Nobunari Kashikawa, Kazuhiro Shimasaku, Yuichi Matsuda, Eiichi Egami, Kingha Jiang, Tohru Nagao, Masami Ouchi, Matthew A. Malkan, Takashi Hattori, Kazuaki Ota, Yoshiaki Taniguchi, Sadanori Okamura, Chun Ly, Masanori Iye, Hisanori Furusawa, Yasuhiro Shioya, Takatoshi Shibuya, Yoshihumi Ishizaki, and Jun Toshikawa
The Astrophysical Journal, Volume 734, Article ID 119 (2011)
11. “Accretion Rate and the Physical Nature of Unobscured Active Galaxies”
Jonathan R. Trump, Christopher D. Impey, Brandon C. Kelly, Francesca Civano, Jared M. Gabor, Aleksandar M. Diamond-Stanic, Andrea Merloni, C. Megan Urry, Heng Hao, Knud Jahnke, Tohru Nagao, Yoshiaki Taniguchi, Anton M. Koekemoer, Giorgio Lanzuisi, Charles Liu, Vincenzo Mainieri, Mara Salvato, and Nick Z. Scoville
The Astrophysical Journal, Volume 733, Article ID 60 (2011)
12. “Spectropolarimetric Evidence for Radiatively Inefficient Accretion in an Optically Dull Active Galaxy”
Jonathan R. Trump, Tohru Nagao, Hiroyuki Ikeda, Takashi Murayama, Christopher D. Impey, John T. Stocke, Francesca Civano, Martin Elvis, Knud Jahnke, Brandon C. Kelly, Anton M. Koekemoer, and Yoshiaki Taniguchi
The Astrophysical Journal, Volume 732, Article ID 23 (2011)
13. “Dynamical Properties of AMAZE and LSD Galaxies from Gas Kinematics and the Tully-Fisher Relation at $z > 3$ ”
Alessio Gnerucci, Alessandro Marconi, Giovanni Cresci, Roberto Maiolino, Filippo Mannucci, Francesco Calura, Andea Cimatti, Filomena Cocchia, Andrea Grazian, Francesca Matteucci, Tohru Nagao, Lucia Pozzetti, and P. Troncoso
Astronomy and Astrophysics, Volume 528, Article ID A88 (2011)
14. “The Mass-Metallicity Relation of SDSS Quasars”
Kenta Matsuoka, Tohru Nagao, Alessandro Marconi, Roberto Maiolino, and Yoshiaki Taniguchi
Astronomy and Astrophysics, Volume 527, Article ID A100 (2011)
15. “Metallicity Diagnostics with Infrared Fine-Structure Lines”
Tohru Nagao, Roberto Maiolino, Alessandro Marconi, and Hideo Matsuhara
Astronomy and Astrophysics, Volume 526, Article ID A149 (2011)
16. “Probing the Faint End of the Quasar Luminosity Function at $z \sim 4$ in the COSMOS Field”
Hiroyuki Ikeda, Tohru Nagao, Kenta Matsuoka, Yoshiaki Taniguchi, Yasuhiro Shioya, Jonathan R. Trump, Peter Capak, Andrea Comastri, Motohiro Enoki, Yuko Ideue, Yuko Kakazu, Anton Koekemoer, Tomoki Morokuma, Takashi Murayama, Tomoki Saito, Mara Salvato, Eva Schinnerer, Nick Z. Scoville, and John D. Silverman
The Astrophysical Journal, Volume 728, Article ID L25 (2011)
17. “Spatially Extended [P II]1.188 μ m and [Fe II]1.257 μ m Emission Lines in a Nearby Seyfert Galaxy NGC 1068 Observed with OAO/ISLE”
Tetsuya Hashimoto, Tohru Nagao, Kenshi Yanagisawa, Kenta Matsuoka, and Nobuo Araki
Publications of the Astronomical Society of Japan, Volume 63, Page L7–L11 (2011)
18. “The Extinction Law at High Redshift and Its Implications”
Simona Gallerani, Roberto Maiolino, Yari Juarez, Tohru Nagao, Alessandro Marconi, Stefano Bianchi, Raffaella Schneider, Filippo Mannucci, Eleno Oliva, Chris J. Willott, Linhua Jiang, and Xiaohui Fan
Astronomy and Astrophysics, Volume 523, Article ID A85 (2010)
19. “The Nature of Optically Dull Active Galactic Nuclei in COSMOS”
Jonathan R. Trump, Chris D. Impey, Yoshiaki Taniguchi, Marcella Brusa, Francesca Civano, Martin Elvis, Jared M. Gabor, Knud Jahnke, Brandon C. Kelly, Anton M. Koekemoer, Tohru Nagao, Mara Salvato, Yasuhiro Shioya, Peter Capak, John P. Huchra, Jeyhan S. Kartaltepe,

- Giorgio Kanuzisi, Patrick J. McCarthy, Vincenzo Maineri, and Nick Z. Scoville
The Astrophysical Journal, Volume 706, Page 797–809 (2009)
20. “HST/ACS Morphology of Lyman α Emitters at Redshift 5.7 in the COSMOS Field”
 Yoshiaki Taniguchi, Takashi Murayama, Nick Z. Scoville, Shunji S. Sasaki, Tohru Nagao, Yasuhiro Shioya, Tomoki Saito, Yuko Ideue, Aki Nakajima, Kenta Matsuoka, David B. Sanders, Bahram Mobasher, Herve Aussel, Peter Capak, Mara Salvato, Anton M. Koekemoer, Chris Carilli, Andrea Cimatti, Richard S. Ellis, Bianca Garilli, Mauro Giavalisco, Olivier Ilbert, Chris D. Impey, Manfred G. Kitzbichler, Olivier Le Fevre, Henry J. McCracken, Claudia Scarlata, Eva Schinnerer, Vernesa Smolcic, Shana Tribiano, and Jonathan R. Trump
The Astrophysical Journal, Volume 701, Page 915–944 (2009)
 21. “Environmental Effect on the Star Formation Activity in Galaxies at $z \sim 1.2$ in the COSMOS Field”
 Yuko Ideue, Tohru Nagao, Yoshiaki Taniguchi, Yasuhiro Shioya, Tomoki Saito, Takashi Murayama, Shunji S. Sasaki, Herve Aussel, Peter Capak, O. Ilbert, H. McCracken, Bahram Mobasher, Mara Salvato, David B. Sanders, and Nick Z. Scoville
The Astrophysical Journal, Volume 700, Page 971–976 (2009)
 22. “Chemical Evolution of High-Redshift Radio Galaxies”
 Kenta Matsuoka, Tohru Nagao, Roberto Maiolino, Alessandro Marconi, and Yoshiaki Taniguchi
Astronomy and Astrophysics, Volume 503, Page 721–730 (2009)
 23. “Observational Limits on Type 1 AGN Accretion Rate in COSMOS”
 Jonathan R. Trump, Chris D. Impey, Brandon C. Kelly, Martin Elvis, Andrea Merloni, Angela Bongiorno, Jared Gabor, Heng Hao, Patrick J. McCarthy, John P. Huchra, Marcella Brusa, Nico Cappelluti, Anton Koekemoer, Tohru Nagao, Mara Salvato, and Nick Z. Scoville
The Astrophysical Journal, Volume 700, Page 49–55 (2009)
 24. “On the Observed Distribution of Black Hole Masses and Eddington Ratios from Radiation Pressure Corrected Virial Indicators”
 Alessandro Marconi, David J. Axon, Roberto Maiolino, Tohru Nagao, Paola Pietrini, Guido Risaliti, Andrew Robinson, and Guidetta Torricelli
The Astrophysical Journal, Volume 698, Page L103–L107 (2009)
 25. “Strong [CII] Emission at High Redshift”
 Roberto Maiolino, Paola Caselli, Tohru Nagao, Malcolm Walmsley, Carlos De Breuck, and Massimo Meneghetti
Astronomy and Astrophysics, Volume 500, Page L1–L4 (2009)
 26. “Photometric Properties of Ly α Emitters at $z \sim 4.86$ in the COSMOS 2 Square Degree Field”
 Yasuhiro Shioya, Yoshiaki Taniguchi, Shunji S. Sasaki, Tohru Nagao, Takashi Murayama, Tomoki Saito, Yuko Ideue, Aki Nakajima, Kenta Matsuoka, Jonathan R. Trump, Nick Z. Scoville, David B. Sanders, Bahram Mobasher, Herve Aussel, Peter Capak, Anton Koekemoer, Chris Carilli, Richard S. Ellis, Bianca Garilli, Mauro Giavalisco, Manfred G. Kitzbichler, Chris Impey, Olivier Le Fevre, Eva Schinnerer, and Vernesa Smolcic
The Astrophysical Journal, Volume 696, Page 546–561 (2009)
 27. “A Search for Molecular Gas toward a BzK-selected Star-forming Galaxy at $z = 2.044$ ”
 Bunyo Hatsukade, Daisuke Iono, Kentaro Motohara, Kouichiro Nakanishi, Masao Hayashi, Kazuhiro Shimasaku, Tohru Nagao, Yoichi Tamura, Matthew A Malkan, Chun Ly, and Kotaro Kohno
Publications of the Astronomical Society of Japan, Volume 61, Page 487–491 (2009)
 28. “Exploring the Disk-Jet Connection from the Properties of Narrow Line Regions in Powerful Young Radio-Loud AGNs”
 Nozomu Kawakatu, Tohru Nagao, and Jong-Hak Woo
The Astrophysical Journal, Volume 693, Page 1686–1695 (2009)

29. “The Metallicity of the Most Distant Quasars”
Yari Juarez, Roberto Maiolino, Raul Mujica, Marco Pedani, S. Marinoni, Tohru Nagao, Alessandro Marconi, and Eeneesto Oliva
Astronomy and Astrophysics, Volume 494, Page L25–L28 (2009)
30. “Clustering Properties of Low-Luminosity Star-Forming galaxies at $z = 0.24$ and 0.40 in the Subaru Deep Field”
Aki Nakajima, Yasuhiro Shioya, Tohru Nagao, Tomoki Saito, Takashi Murayama, Shunji S. Sasaki, Asuka Yokouchi, and Yoshiaki Taniguchi
Publications of the Astronomical Society of Japan, Volume 60, Page 1249–1255 (2008)
31. “AMAZE. I. The Evolution of the Mass-Metallicity Relation at $z > 3$ ”
Roberto Maiolino, Tohru Nagao, Andrea Grazian, F. Cocchia, Alessandro Marconi, Filippo Mannucci, Andrea Cimatti, Antonio Pipino, Silvia Ballero, Francesco Calura, Cristina Chiappini, A. Fontana, Gian Luigi Granato, Francesca Matteucci, Guia Pastorini, Laura Pentericci, Guido Risaliti, Marco Salvati, and L. Silva
Astronomy and Astrophysics, Volume 488, Page 463–479 (2008)
32. “A Photometric Survey for Ly α -HeII Dual Emitters: Searching for Population III Stars in High-Redshift Galaxies”
Tohru Nagao, Shunji S. Sasaki, Roberto Maiolino, Celestine Grady, Nobunari Kashikawa, Chun Ly, Matthew A. Malkan, Kentaro Motohara, Takashi Murayama, Daniel Schaerer, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astrophysical Journal, Volume 680, Page 100–109 (2008)
33. “The Effect of Radiation Pressure on Virial Black Hole Mass Estimates and the Case of Narrow-Line Seyfert 1 Galaxies”
Alessandro Marconi, David J. Axon, Roberto Maiolino, Tohru Nagao, Guia Pastorini, Paola Pietrini, Andrew Robinson, and Guidetta Torricelli
The Astrophysical Journal, Volume 678, Page 693–700 (2008)
34. “The H α Luminosity Function and Star Formation Rate at $z = 0.24$ in the COSMOS 2 Square Degree Field”
Yasuhiro Shioya, Yoshiaki Taniguchi, Shunji S. Sasaki, Tohru Nagao, Takashi Murayama, Mari I. Takaahashi, Masaru Ajiki, Yuko Ideue, Sho Mihara, Aki Nakajima, Nick Z. Scoville, Bahram Mobasher, Herve Aussel, Mauro Giavarisco, Luigi Guzzo, Gunther Hasinger, Chris Impey, Olivier LeFevre, Simon J. Lilly, Alvio Renzini, Mike Rich, David B. Sanders, Eva Schinnerer, Patrick Shopbell, A. Leauthand, Jean-Paul Kneib, K. Rhoades, and Richard Massey
The Astrophysical Journal Supplement Series Volume 175, Page 128–137 (2008)
35. “The Subaru/XMM-Newton Deep Survey (SXDS). V. Optically Faint Variable Object Survey”
Tomoki Morokuma, Mamoru Doi, Naoki Yasuda, Masayuki Akiyama, Kazuhiro Sekiguchi, Hisanori Furusawa, Yoshihiro Ueda, Tomonori Totani, Takeshi Oda, Tohru Nagao, Nobunari Kashikawa, Takashi Murayama, Masami Ouchi, Mike G. Watson, Michael W. Richmond, Christopher Lidman, Saul Perlmutter, Anthony L. Spadafora, Greg Aldering, Lifan Wang, Isobel M. Hook, and Rob A. Knop
The Astrophysical Journal, Volume 676, Page 163–183 (2008)
36. “The Subaru/XMM-Newton Deep Survey (SXDS). VI. Properties of Active Galactic Nuclei Selected by Optical Variability”
Tomoki Morokuma, Mamoru Doi, Naoki Yasuda, Masayuki Akiyama, Kazuhiro Sekiguchi, Hisanori Furusawa, Yoshihiro Ueda, Tomonori Totani, Takeshi Oda, Tohru Nagao, Nobunari Kashikawa, Takashi Murayama, Masami Ouchi, and Mike G. Watson
The Astrophysical Journal, Volume 676, Page 121–130 (2008)
37. “Molecular Gas in QSO Host Galaxies at $z > 5$ ”
Roberto Maiolino, Roberto Neri, Alexandre Beelen, Frank Bertoldi, Christopher L. Carilli, Paola Caselli, Pierre Cox, Karl M. Menten, Tohru Nagao, Alain Omont, Malcolm Walmsley,

- Fabian Walter, and Axel Weiß
 Astronomy and Astrophysics, Volume 472, Page L33–L37 (2007)
38. “High-Redshift Lyman α Emitters with a Large Equivalent Width: Properties of i' -dropout Galaxies with an NB921-Band Depression in the Subaru Deep Field”
 Tohru Nagao, Takashi Murayama, Roberto Maiolino, Alessandro Marconi, Nobunari Kashikawa, Masaru Ajiki, Takashi Hattori, Chun Ly, Matthew A. Malkan, Kentaro Motohara, Kouji Ohta, Shunji S. Sasaki, Yasuhiro Shioya and Yoshiaki Taniguchi
 Astronomy and Astrophysics, Volume 463, Page 877–883 (2007)
 39. “Anti-Correlation between a Mass Accretion Rate and a Supermassive Black Hole Mass for Type I Ultraluminous Infrared Galaxies and QSOs”
 Nozomu Kawakatu, Masatoshi Imanishi, and Tohru Nagao
 The Astrophysical Journal, Volume 661, Page 660–671 (2007)
 40. “The H I Content of Star-Forming Galaxies at $z = 0.24$ ”
 Philip Lah, Jayaram N. Chengalue, Frank H. Briggs, Matthew Colless, Roberto De Propris, Michael B. Pracy, W. J. G. de Blok, Shinobu S. Fujita, Masaru Ajiki, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, Yoshiaki Taniguchi, Masafumi Yagi, and Sadanori Okamura
 Monthly Notices of the Royal Astronomical Society, Volume 376, Page 1357–1366 (2007)
 41. “The Luminosity Function and Star Formation Rate between Redshifts of 0.07 and 1.47 for Narrow-Band Emitters in the Subaru Deep Field”
 Chun Ly, Matthew A. Malkan, Nobunari Kashikawa, Kazuhiro Shimasaku, Tadayuki Kodama, Tohru Nagao, Kentaro Motohara, Masanori Iye, and Tomoki Morokuma
 The Astrophysical Journal, Volume 657, Page 738–759 (2007)
 42. “Lyman α Emitters at Redshift 5.7 in the COSMOS Field”
 Takashi Murayama, Yoshiaki Taniguchi, Nick Z. Scoville, Masaru Ajiki, David B. Sanders, Bahram Mobasher, Herve Aussel, Peter Capak, Anton Koekemoer, Yasuhiro Shioya, Tohru Nagao, Chris Carilli, Richard S. Ellis, Bianca Garilli, Mauro Giavalisco, Manfred G. Kitzbichler, Olivier LeFevre, Dario Maccagni, Eva Schinnerer, Vernesa Smolcic, Shana Tribiano, Andrea Cimatti, Yutaka Komiyama, Satoshi Miyazaki, Shunji S. Sasaki, Jin Koda, Laura Hainlein, and Hiroshi Karoji
 The Astrophysical Journal Supplement Series, Volume 172, Page 523–544 (2007)
 43. “Radio and Millimeter Properties of $z \sim 5.7$ Ly α Emitters in the COSMOS Field: Limits in Radio AGN, Submm Galaxies, and Dust Obscuration”
 Chris L. Carilli, Takashi Murayama, R. Wang, Eva Schinnerer, Yoshiaki Taniguchi, Vernesa Smolcic, Frank Bertoldi, Masaru Ajiki, Tohru Nagao, Shunji S. Sasaki, Yasuhiro Shioya, J. E. Aguirre, A. W. Blain, Nick Z. Scoville, and David B. Sanders
 The Astrophysical Journal Supplement Series, Volume 172, Page 518–522 (2007)
 44. “A Potential Galaxy Threshing System in the HST COSMOS Field”
 Shunji S. Sasaki, Yoshiaki Taniguchi, Nick Z. Scoville, Bahram Mobasher, Herve Aussel, David B. Sanders, Anton Koekemoer, Masaru Ajiki, Yutaka Komiyama, Satoshi Miyazaki, Norio Kaifu, Hiroshi Karoji, Sadanori Okamura, Nobuo Arimoto, Kouji Ohta, Yasuhiro Shioya, Takashi Murayama, Tohru Nagao, Jin Koda, Laura Hainlein, Alvio Renzini, Mauro Giavalisco, Olivier LeFevre, Chris Impey, Martin Elvis, Simon Lilly, Mike Rich, Eva Schinnerer, and Kartik Sheth
 The Astrophysical Journal Supplement Series, Volume 172, Page 511–517 (2007)
 45. “The [O II] λ 3727 Luminosity Function and Star Formation Rate at $z \equiv 1.2$ in the COSMOS 2 Square-degree Field and the Subaru Deep Field”
 Mari I. Takahashi, Yasuhiro Shioya, Yoshiaki Taniguchi, Takashi Murayama, Masaru Ajiki, Shunji S. Sasaki, Osamu Koizumi, Tohru Nagao, Nick Z. Scoville, Bahram Mobasher, Herve Aussel, Peter Capak, Chris Carilli, Richard S. Ellis, Bianca Garilli, Mauro Giavalisco, Luigi Guzzo, Gunther Hasinger, Chris Impey, Manfred G. Kitzbichler, Anton Koekemoer, Olivier LeFevre, Simon J. Lilly, Dario Maccagni, Alvio Renzini, Mike Rich, David B. Sanders, Eva

- Schinnerer, M. Scodreggio, Patrick Shopbell, Vernesa Smolcic, Shana Tribiano, Yuko Ideue, and Sho Mihara
The Astrophysical Journal Supplement Series, Volume 172, Page 456–467 (2007)
46. “The Cosmic Evolution Survey (COSMOS): A Large-Scale Structure at $z = 0.73$ and the Relation of Galaxy Morphologies to Local Environment”
Luigi Guzzo, P. Cassata, A. Finoguenov, Richard Massey, Nick Z. Scoville, Peter Capak, Richard S. Ellis, Bahram Mobasher, Yoshiaki Taniguchi, D. Thompson, Masaru Ajiki, Herve Aussel, H. Boehringer, Marcella Brusa, D. Calzetti, Andrea Comastri, A. Franceschini, Gunther Hasinger, Jean-Paul Kneib, Anton Koekemoer, A. Leauthaud, Henry J. McCracken, Takashi Murayama, Tohru Nagao, J. Rhodes, David B. Sanders, Shunji S. Sasaki, Yasuhiro Shioya, L. Tasca, and J. E. Taylor
The Astrophysical Journal Supplement Series, Volume 172, Page 254–269 (2007)
 47. “The First Release COSMOS Optical and Near-IR Data and Catalog”
Peter Capak, Herve Aussel, Masaru Ajiki, Henry J. McCracken, Bahram Mobasher, Nick Z. Scoville, Patrick Shopbell, Yoshiaki Taniguchi, D. J. Thompson, Shana Tribiano, Shunji S. Sasaki, A. W. Blain, Marcella Brusa, Chris Carilli, C. M. Carollo, Andrea Comastri, J. Colbert, Richard S. Ellis, Martin Elvis, Mauro Giavalisco, W. Green, Luigi Guzzo, Gunther Hasinger, Chris Impey, Olivier Ilbert, Knud Jahnke, Jeyhan Kartaltepe, Jean-Paul Kneib, Jin Koda, Anton Koekemoer, Yutaka Komiyama, Olivier Lefevre, A. Leauthaud, Simon J. Lilly, Richard Massey, Takashi Murayama, Satoshi Miyazaki, Tohru Nagao, J. A. Peacock, A. Pickles, C. Porciani, Alvio Renzini, J. Rhodes, Mike Rich, Mara Salvato, David B. Sanders, Claudia Scarlata, D. Schiminovich, Eva Schinnerer, M. Scodreggio, Kartik Sheth, Yasuhiro Shioya, L. A. M. Tasca, J. E. Taylor, L. Yan, and G. Zamorani
The Astrophysical Journal Supplement Series, Volume 172, Page 99–116 (2007)
 48. “The Cosmic Evolution Survey (COSMOS): Subaru Observations of the HST COSMOS Field”
Yoshiaki Taniguchi, Nick Z. Scoville, Takashi Murayama, David B. Sanders, Bahram Mobasher, Herve Aussel, Peter Capak, Masaru Ajiki, Satoshi Miyazaki, Yutaka Komiyama, Yasuhiro Shioya, Tohru Nagao, Shunji S. Sasaki, Jin Koda, Chris Carilli, Mauro Giavalisco, Luigi Guzzo, Gunther Hasinger, Chris Impey, Olivier LeFevre, Simon J. Lilly, Alvio Renzini, Mike Rich, Eva Schinnerer, Patrick Shopbell, Norio Kaifu, Hiroshi Karoji, Nobuo Arimoto, Sadanori Okamura, and Kohji Ohta
The Astrophysical Journal Supplement Series, Volume 172, Page 9–28 (2007)
 49. “Luminosity Functions of Lyman-Break Galaxies at $z \sim 4$ and 5 in the Subaru Deep Field”
Makiko Yoshida, Kazuhiro Shimasaku, Nobunari Kashikawa, Masami Ouchi, Sadanori Okamura, Masaru Ajiki, Masayuki Akiyama, Hiroyasu Ando, Kentaro Aoki, Mamoru Doi, Hisanori Furusawa, Tomoki Hayashino, Fumihide Iwamuro, Masanori Iye, Hiroshi Karoji, Naoto Kobayashi, Keiichi Kodaira, Tadayuki Kodama, Yutaka Komiyama, Matthew A. Malkan, Yuichi Matsuda, Satoshi Miyazaki, Yoshihiko Mizumoto, Tomoki Morokuma, Kentaro Motohara, Takashi Murayama, Tohru Nagao, Kyoji Nariai, Kouji Ohta, Toshiyuki Sasaki, Yasunori Sato, Kazuhiro Sekiguchi, Yasuhiro Shioya, Hajime Tamura, Yoshiaki Taniguchi, Masayuki Umemura, Toru Yamada, and Naoki Yasuda
The Astrophysical Journal, Volume 653, Page 988–1003 (2006)
 50. “Gas Metallicity Diagnostics in Star-Forming Galaxies”
Tohru Nagao, Roberto Maiolino, and Alessandro Marconi
Astronomy and Astrophysics, Volume 459, Page 85–101 (2006)
 51. “The End of the Dark Age Proved by Lyman Alpha Emitters at $z = 6.5$ in the Subaru Deep Field”
Nobunari Kashikawa, Kazuhiro Shimasaku, Matthew A. Malkan, Mamoru Doi, Yuichi Matsuda, Masami Ouchi, Yoshiaki Taniguchi, Chun Ly, Tohru Nagao, Masanori Iye, Kentaro Motohara, Kouji Murozono, Kyoji Nariai, Kouji Ohta, Sadanori Okamura, Toshiyuki Sasaki, Yasuhiro Shioya, and Masayuki Umemura
The Astrophysical Journal, Volume 648, Page 7–22 (2006)

52. “New Corroborative Evidence for the Overdensity of Galaxies around the Radio-Loud Quasar SDSS J0836+0054 at $z = 5.8$ ”
Masaru Ajiki, Yoshiaki Taniguchi, Takashi Murayama, Yasuhiro Shioya, Tohru Nagao, Shunji S. Sasaki, Yuichiro Hatakeyama, Taichi Morioka, Asuka Yokouchi, Mari I. Takahashi, and Osamu Koizumi
Publications of the Astronomical Society of Japan, Volume 58, Page 499-502 (2006)
53. “Ly α Emitters at $z = 5.7$ in the Subaru Deep Field”
Kazuhiro Shimasaku, Nobunari Kashikawa, Mamoru Doi, Chun Ly, Matthew A. Malkan, Yuichi Matsuda, Masami Ouchi, Tomoki Hayashino, Masanori Iye, Kentaro Motohara, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Toshiyuki Sasaki, Yasuhiro Shioya, and Yoshiaki Taniguchi
Publications of the Astronomical Society of Japan, Volume 58, Page 313–334 (2006)
54. “Gas Metallicity of Narrow-Line Regions in High-Redshift Active Galactic Nuclei”
Tohru Nagao, Roberto Maiolino, and Alessandro Marconi
Astronomy and Astrophysics, Volume 447, Page 863–876 (2006)
55. “The Evolution of the Broad-Line Region among SDSS Quasars”
Tohru Nagao, Alessandro Marconi, and Roberto Maiolino
Astronomy and Astrophysics, Volume 447, Page 157–172 (2006)
56. “Strong Emission Line Galaxies at Low Redshift in the Field around SDSS J104433.04-012502.2”
Masaru Ajiki, Yasuhiro Shioya, Yoshiaki Taniguchi, Takashi Murayama, Tohru Nagao, Shunji S. Sasaki, Ryoko Sumiya, Taichi Morioka, Yuichiro Hatakeyama, Asuka Yokouchi, Mari I. Takahashi, and Osamu Koizumi
Publications of the Astronomical Society of Japan, Volume 58, Page 113–130 (2006)
57. “Narrow-Band Survey of the GOODS Fields: Search for LYMAN α Emitters at $z = 5.7$ ”
Masaru Ajiki, Bahram Mobasher, Yoshiaki Taniguchi, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, and Shunji S. Sasaki
The Astrophysical Journal, Volume 638, Page 596–602 (2006)
58. “Clustering of Lyman Break Galaxies at $z = 4$ and 5 in the Subaru Deep Field: Luminosity Dependence of the Correlation Function Slope”
Nobunari Kashikawa, Makiko Yoshida, Kazuhiro Shimasaku, Masahiro Nagashima, Hideki Yahagi, Masami Ouchi, Yuichi Matsuda, Matthew A. Malkan, Mamoru Doi, Masaru Ajiki, Masayuki Akiyama, Hiroyasu Ando, Kentaro Aoki, Shinobu S. Fujita, Hisanori Furusawa, Tomoki Hayashino, Fumihide Iwamuro, Masanori Iye, Hiroshi Karoji, Naoto Kobayashi, Keiichi Kodaira, Tadayuki Kodama, Yutaka Komiyama, Satoshi Miyazaki, Yoshihiko Mizumoto, Tomoki Morokuma, Kentaro Motohara, Takashi Murayama, Tohru Nagao, Kyoji Nariai, Kouji Ohta, Sadanori Okamura, Toshiyuki Sasaki, Yasunori Sato, Kazuhiro Sekiguchi, Yasuhiro Shioya, Hajime Tamura, Yoshiaki Taniguchi, Masayuki Umemura, Toru Yamada, and Naoki Yasuda
The Astrophysical Journal, Volume 637, Page 631–647 (2006)
59. “Type I ULIRGs: Transition Stage from ULIRGs to QSOs”
Nozomu Kawakatu, Naohisa Anabuki, Tohru Nagao, Masayuki Umemura, and Takao Nakagawa
The Astrophysical Journal, Volume 637, Page 104–113 (2006)
60. “Large-Scale Filamentary Structure around the Proto-Cluster at Redshift $z = 3.1$ ”
Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astrophysical Journal, Volume 634, Page L125–L128 (2005)
61. “An Intermediate-band Imaging Survey for High-redshift Lyman α Emitters: The Mahoroba 11”

- Sanae F. Yamada, Shunji S. Sasaki, Ryoko Sumiya, Kazuyoshi Umeda, Yasuhiro Shioya, Masaru Ajiki, Tohru Nagao, Takashi Murayama, and Yoshiaki Taniguchi
Publications of the Astronomical Society of Japan, Volume 57, Page 881–903 (2005)
62. “Spectroscopy of i' -Dropout Galaxies with an NB921-Band Depression in the Subaru Deep Field”
Tohru Nagao, Nobunari Kashikawa, Matthew A. Malkan, Takashi Murayama, Yoshiaki Taniguchi, Kazuhiro Sshimasaku, Kentaro Motohara, Masaru Ajiki, Yasuhiro Shioya, Kouji Ohta, Sadanori Okamura, and Masanori Iye
The Astrophysical Journal, Volume 634, Page 142–148 (2005)
 63. “A Survey of NB921-Dropouts in the Subaru Deep Field”
Yasuhiro Shioya, Yoshiaki Taniguchi, Masaru Ajiki, Tohru Nagao, Takashi Murayama, Shunji S. Sasaki, Ryoko Sumiya, Yuichiro Hatakeyama, Taichi Morioka, Asuka Yokouchi, Osamu Koizumi, Mari I. Takahashi, and Nobunari Kashikawa
Publications of the Astronomical Society of Japan, Volume 57, Page L33–L37 (2005)
 64. “An Observational Pursuit for Population III Stars in a Ly α Emitter at $z = 6.33$ through HeII Emission”
Tohru Nagao, Kentaro Motohara, Roberto Maiolino, Alessandro Marconi, Yoshiaki Taniguchi, Kentaro Aoki, Masaru Ajiki, and Yasuhiro Shioya
The Astrophysical Journal, Volume 631, Page L5–L8 (2005)
 65. “First Detection of [CII]158 μ m at High Redshift: Vigorous Star Formation in the Early Universe”
Roberto Maiolino, Pierre Cox, Paola Caselli, Alexandre Beelen, Frank Bertoldi, Christopher L. Carilli, Michael J. Kaufman, Karl M. Menten, Tohru Nagao, Alain Omont, Axel Weiß, Malcolm Walmsley, and Fabian Walter
Astronomy and Astrophysics, Volume 440, Page L51–L54 (2005)
 66. “New High-Redshift Galaxies at $z = 5.8 - 6.5$ in the Subaru Deep Field”
Yasuhiro Shioya, Yoshiaki Taniguchi, Masaru Ajiki, Tohru Nagao, Takashi Murayama, Shunji S. Sasaki, Ryoko Sumiya, Yuichiro Hatakeyama, and Nobunari Kashikawa
Publications of the Astronomical Society of Japan, Volume 57, Page 569–573 (2005)
 67. “The Intermediate-band Dropout Method: A New Method to Search for High-Redshift Galaxies”
Yasuhiro. Shioya, Yoshiaki Taniguchi, Masaru Ajiki, Tohru Nagao, Takashi Murayama, Shunji S. Sasaki, Ryoko Sumiya, and Yuichiro Hatakeyama
Publications of the Astronomical Society of Japan, Volume 57, Page 287–293 (2005)
 68. “The Subaru Deep Field Project: Lyman α Emitters at Redshift of 6.6”
Yoshiaki Taniguchi, Masaru Ajiki, Tohru Nagao, Yasuhiro. Shioya, Takashi Murayama, Nobunari Kashikawa, Keiichi Kodaira, Norio Kaifu, Hiroyasu Ando, Hiroshi Karoji, Masayuki Akiyama, Kentaro Aoki, Mamoru Doi, Shinobu S. Fujita, Hisanori Furusawa, Tomoki Hayashino, Fumihide Iwamuro, Masanori Iye, Naoto Kobayashi, Tadayuki Kodama, Yutaka Komiyama, Yuichi Matsuda, Satoshi Miyazaki, Yoshihiko Mizumoto, Tomoki Morokuma, Kentaro Motohara, Takashi Murayama, Kyoji Nariai, Kouji Ohta, Youichi Ohyama, Sadanori Okamura, Masami Ouchi, Toshiyuki Sasaki, Yasunori Sato, Kazuhiro Sekiguchi, Kazuhiro Sshimasaku, Hajime Tamura, Masayuki Umemura, Toru Yamada, Naoki Yasuda, and Makiko Yoshida
Publications of the Astronomical Society of Japan, Volume 57, Page 165–182 (2005)
 69. “The Subaru Deep Field: The Optical Imaging Data”
Nobunari Kashikawa, Kazuhiro Sshimasaku, Naoki Yasuda, Masaru Ajiki, Masayuki Akiyama, Hiroyasu Ando, Kentaro Aoki, Mamoru Doi, Shinobu S. Fujita, Hisanori Furusawa, Tomoki Hayashino, Fumihide Iwamuro, Masanori Iye, Hiroshi Karoji, Naoto Kobayashi, Keiichi Kodaira, Tadayuki Kodama, Yutaka Komiyama, Yuichi Matsuda, Satoshi Miyazaki, Yoshihiko Mizumoto, Tomoki Morokuma, Kentaro Motohara, Takashi Murayama, Tohru Nagao,

- Kyoji Nariai, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Toshiyuki Sasaki, Yasunori Sato, Kazuhiro Sekiguchi, Yasuhiro Shioya, Hajime Tamura, Yoshiaki Taniguchi, Masayuki Umemura, Toru Yamada, and Makiko Yoshida
Publications of the Astronomical Society of Japan, Volume 56, Page 1011–1023 (2004)
70. “A Strong Lyman- α Emitter at $z = 6.33$ in the Subaru Deep Field Selected as an i' Dropout”
Tohru Nagao, Yoshiaki Taniguchi, Nobunari Kashikawa, Keiichi Kodaira, Norio Kaifu, Hiroyasu Ando, Hiroshi Karoji, Masaru Ajiki, Masayuki Akiyama, Kentaro Aoki, Mamoru Doi, Shinobu S. Fujita, Hisanori Furusawa, Tomoki Hayashino, Fumihide Iwamuro, Masanori Iye, Naoto Kobayashi, Tadayuki Kodama, Yutaka Komiyama, Yuichi Matsuda, Satoshi Miyazaki, Yoshihiko Mizumoto, Tomoki Morokuma, Kentaro Motohara, Takashi Murayama, Kyoji Nariai, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Toshiyuki Sasaki, Yasunori Sato, Kazuhiro Sekiguchi, Kazuhiro Shimasaku, Yasuhiro Shioya, Hajime Tamura, Ichi Tanaka, Masayuki Umemura, Toru Yamada, Naoki Yasuda, and Makiko Yoshida
The Astrophysical Journal, Volume 613, Page L9–L12 (2004)
 71. “Subaru Spectropolarimetry of Mrk 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus”
Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohya, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki
The Astronomical Journal, Volume 128, Page 2066–2072 (2004)
 72. “Large-Scale Structure of Emission-Line Galaxies at Redshift 3.1”
Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astronomical Journal, Volume 128, Page 2073–2079 (2004)
 73. “A Subaru Search for Lyman- α Emitters at $z = 5.8$ with an Intermediate-Band Filter”
Masaru Ajiki, Yoshiaki Taniguchi, Shinobu S. Fujita, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, Sanae F. Yamada, Kazuyoshi Umeda, Shunji S. Sasaki, Ryoko Sumiya, and Yutaka Komiyama
Publications of the Astronomical Society of Japan, Volume 56, Page 597–603 (2004)
 74. “A Subaru Search for Ly α Blobs in and around the Proto-Cluster Region at Redshift $z = 3.1$ ”
Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astronomical Journal, Volume 128, Page 569–584 (2004)
 75. “Detection of Polarized Broad Emission in the Seyfert 2 Galaxy Mrk 573”
Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohya, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki
The Astronomical Journal, Volume 128, Page 109–114 (2004)
 76. “The H α Luminosity Function of the Galaxy Cluster Abell 521 at $z = 0.25$ ”
Kazuyoshi Umeda, Masafumi Yagi, Sanae F. Yamada, Yoshiaki Taniguchi, Yasuhiro Shioya, Takashi Murayama, Tohru Nagao, Masaru Ajiki, Shinobu S. Fujita, Yutaka Komiyama, Sadanori Okamura, and Kazuhiro Shimasaku
The Astrophysical Journal, Volume 601, Page 805–812 (2004)
 77. “Subaru High-Dispersion Spectroscopy of Narrow-Line Region in the Seyfert Galaxy NGC 4151”
Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astronomical Journal, Volume 126, Page 1167–1182 (2003)
 78. “A Subaru Search for Lyman- α Emitters at Redshift 5.7”
Masaru Ajiki, Yoshiaki Taniguchi, Shinobu S. Fujita, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, Sanae F. Yamada, Kazuyoshi Umeda, and Yutaka Komiyama
The Astronomical Journal, Volume 126, Page 2091–2107 (2003)

79. “Are Two $z \sim 6$ Quasars Gravitationally Lensed?”
Sanae F. Yamada, Yasuhiro Shioya, Yoshiaki Taniguchi, Takashi Murayama, Masaru Ajiki, Tohru Nagao, Shinobu S. Fujita, Kazuyoshi Umeda, Yutaka Komiyama, Hiroshi Karoji, Hiroyasu Ando, Masanori Iye, Nobunari Kashikawa, and Keiichi Kodaira
Publications of the Astronomical Society of Japan, Volume 55, Page 733–738 (2003)
80. “On the Origin of Lyman- α Blobs at High Redshift: Kinematic Evidence for a Hyperwind Galaxy at $z = 3.1$ ”
Youichi Ohyama, Yoshiaki Taniguchi, Koji S. Kawabata, Yasuhiro Shioya, Takashi Murayama, Tohru Nagao, Tadafumi Takata, Masanori Iye, and Michitoshi Yoshida
The Astrophysical Journal, Volume 591, Page L9–L12 (2003)
81. “The Discovery of Two Lyman- α Emitters beyond Redshift 6 in the Subaru Deep Field”
Keiichi Kodaira, Yoshiaki Taniguchi, Nobunari Kashikawa, Norio Kaifu, Hiroyasu Ando, Hiroshi Karoji, Masaru Ajiki, Masayuki Akiyama, Kentaro Aoki, Mamoru Doi, Shinobu S. Fujita, Hisanori Furusawa, Tomoki Hayashino, Masatoshi Imanishi, Fumihide Iwamura, Masanori Iye, Koji S. Kawabata, Naoto Kobayashi, Tadayuki Kodama, Yutaka Komiyama, George Kosugi, Yuichi Matsuda, Satoshi Miyazaki, Yoshihiko Mizumoto, Kentaro Motohara, Takashi Murayama, Tohru Nagao, Kyoji Nariai, Kouji Ohta, Youichi Ohyama, Sadanori Okamura, Masami Ouchi, Toshiyuki Sasaki, Kazuhiro Sekiguchi, Kazuhiro Sshimasaku, Yasuhiro Shioya, Tadafumi Takata, Hajime Tamura, Hiroshi Terada, Masayuki Umemura, Tomonori Usuda, Masafumi Yagi, Toru Yamada, Naoki Yasuda, and Michitoshi Yoshida
Publications of the Astronomical Society of Japan, Volume 55, Page L17–L21 (2003)
82. “The H α Luminosity Function and Star Formation Rate at $z \sim 0.24$ Based on Subaru Deep Imaging”
Shinobu S. Fujita, Masaru Ajiki, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, Yoshiaki Taniguchi, Kazuyoshi Umeda, Sanae F. Yamada, Masafumi Yagi, Sadanori Okamura, and Yutaka Komiyama
The Astrophysical Journal, Volume 586, Page L115–L118 (2003)
83. “The Discovery of a Very Narrow-Line Star Forming Object at a Redshift of 5.66”
Yoshiaki Taniguchi, Masaru Ajiki, Takashi Murayama, Tohru Nagao, Sylvain Veilleux, David B. Sanders, Yutaka Komiyama, Yasuhiro Shioya, Shinobu S. Fujita, Yuko Kakazu, Sadanori Okamura, Hiroyasu Ando, Tetsuo Nishimura, Masahiko Hayashi, Ryusuke Ogasawara, and Shin-ichi Ichikawa
The Astrophysical Journal, Volume 585, Page L97–L100 (2003)
84. “Iron is not Depleted in High-Ionization Nuclear Emission-Line Regions of Active Galactic Nuclei”
Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
The Astronomical Journal, Volume 125, Page 1729–1735 (2003)
85. “A Search for Lyman- α Emitters at Redshift 3.7”
Shinobu S. Fujita, Masaru Ajiki, Yasuhiro Shioya, Tohru Nagao, Takashi Murayama, Yoshiaki Taniguchi, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Maki Sekiguchi, Masafumi Yagi, Naoki Yasuda, Yuichi Matsuda, Hajime Tamura, Tomoki Hayashino, Keiichi Kodaira, Hiroshi Karoji, Toru Yamada, Kouji Ohta, and Masayuki Umemura
The Astronomical Journal, Volume 125, Page 13–31 (2003)
86. “SDSSp J104433.04-012502.2 at $z = 5.74$ is Gravitationally Magnified by an Intervening Galaxy”
Yasuhiro Shioya, Yoshiaki Taniguchi, Takashi Murayama, Masaru Ajiki, Tohru Nagao, Shinobu S. Fujita, Yuko Kakazu, Yutaka Komiyama, Sadanori Okamura, Shinki Oyabu, Kimiaki Kawara, Youichi Ohyama, Koji S. Kawabata, Hiroyasu Ando, Tetsuo Nishimura, Masahiko Hayashi, Ryusuke Ogasawara, and Shin-ichi Ichikawa
Publications of the Astronomical Society of Japan, Volume 54, Page 975–979 (2002)

87. “A New High-Redshift Superwind Galaxy at $z = 5.69$ ”
 Masaru Ajiki, Yoshiaki Taniguchi, Takashi Murayama, Tohru Nagao, Sylvain Veilleux, Yasuhiro Shioya, Shinobu S. Fujita, Yuko Kakazu, Yutaka Komiyama, Sadanori Okamura, David B. Sanders, Shinki Oyabu, Kimiaki Kawara, Youichi Ohyama, Masanori Iye, Nobunari Kashikawa, Michitoshi Yoshida, Toshiyuki Sasaki, George Kosugi, Kentaro Aoki, Tadafumi Takata, Yoshihiko Saito, Koji S. Kawabata, Kazuhiro Sekiguchi, Kiichi Okita, Yasuhiro Shimizu, Motoko Inata, Noboru Ebizuka, Tomohiko Ozawa, Yasushi Yadoumaru, Hiroko Taguchi, Hiroyasu Ando, Tetsuo Nishimura, Masahiko Hayashi, Ryusuke Ogasawara, and Shin-ichi Ichikawa
 The Astrophysical Journal, Volume 576, Page L25–L28 (2002)
88. “Effects of a Burst of Formation of First-Generation Stars on the Evolution of Galaxies”
 Yasuhiro Shioya, Yoshiaki Taniguchi, Takashi Murayama, Shingo Nishiura, Tohru Nagao, and Yuko Kakazu
 The Astrophysical Journal, Volume 576, Page 36–44 (2002)
89. “Gas Metallicity of Narrow-Line Regions in Narrow-Line Seyfert 1 Galaxies and Broad-Line Seyfert 1 Galaxies”
 Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
 The Astrophysical Journal, Volume 575, Page 721–731 (2002)
90. “Is There an Advection-Dominated Accretion Flow in Radio Galaxies with Double-Peaked Balmer Lines ?”
 Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
 The Astrophysical Journal, Volume 567, Page 73–84 (2002)
91. “Multi-Band Photometric Study of Tidal Debris in a Compact Group of Galaxies: Seyfert’s Sextet”
 Shingo Nishiura, Yasuhiro Shioya, Takashi Murayama, Yasunori Sato, Tohru Nagao, Yoshiaki Taniguchi, and David B. Sanders
 Publications of the Astronomical Society of Japan, Volume 54, Page 21–32 (2002)
92. “A Shock-Induced Pair of Superbubbles in the High-Redshift Powerful Radio Galaxy MRC 0406-224”
 Yoshiaki Taniguchi, Youichi Ohyama, Takashi Murayama, Michitoshi Yoshida, Nobunari Kashikawa, Masanori Iye, Kentaro Aoki, Toshiyuki Sasaki, George Kosugi, Tadafumi Takata, Yoshihiko Saito, Koji S. Kawabata, Kazuhiro Sekiguchi, Kiichi Okita, Yasuhiro Shimizu, Motoko Inata, Noboru Ebizuka, Tomohiko Ozawa, Yasushi Yadoumaru, Hiroko Taguchi, Yasuhiro Shioya, Shingo Nishiura, Hiroshi Sudou, Tohru Nagao, Saeko Noda, Yohei Koyama, Yuko Kakazu, Masaru Ajiki, Shinobu S. Fujita, and Rie R. Kobayashi
 The Astrophysical Journal, Volume 559, Page L9–L12 (2001)
93. “Seyfert-Type Dependences of Narrow Emission-Line Ratios and Physical Properties of High-Ionization Nuclear Emission-Line Regions in Seyfert Galaxies”
 Tohru Nagao, Takashi Murayama, and Yoshiaki Taniguchi
 Publications of the Astronomical Society of Japan, Volume 53, Page 629–645 (2001)
94. “Where is the [O III] λ 4363 Emitting Region in Active Galactic Nuclei ?”
 Tohru Nagao, Takashi Murayama, and Yoshiaki Taniguchi
 The Astrophysical Journal, Volume 549, Page 155–171 (2001)
95. “The Narrow-Line Region of Seyfert Galaxies: Narrow-Line Seyfert 1 Galaxies versus Broad-Line Seyfert 1 Galaxies”
 Tohru Nagao, Takashi Murayama, and Yoshiaki Taniguchi
 The Astrophysical Journal, Volume 546, Page 744–758 (2001)
96. “Deep Optical Imaging of a Compact Group of Galaxies, Seyfert’s Sextet”
 Shingo Nishiura, Takashi Murayama, Masashi Shimada, Yasunori Sato, Tohru Nagao, Kohji Molikawa, Yoshiaki Taniguchi, and David B. Sanders
 The Astronomical Journal, Volume 120, Page 2355–2362 (2000)

97. “High-Ionization Nuclear Emission-Line Region of Seyfert Galaxies”
Tohru Nagao, Yoshiaki Taniguchi, and Takashi Murayama
The Astronomical Journal, Volume 119, Page 2605–2628 (2000)
98. “Discovery of a Low Surface Brightness Object near Seyfert’s Sextet”
Takashi Murayama, Shingo Nishiura, Tohru Nagao, Yasunori Sato, Yoshiaki Taniguchi, and David B. Sanders
The Astronomical Journal, Volume 119, Page 1691–1694 (2000)
99. “Extended High-Ionization Nuclear Emission-line Region in the Seyfert Galaxy NGC 4051”
Tohru Nagao, Takashi Murayama, Yoshiaki Taniguchi, and Michitoshi Yoshida
The Astronomical Journal, Volume 119, Page 620–630 (2000)

査読無論文

1. “Observational Studies on the Chemical Evolution of Galaxies”
Tohru Nagao
The Astronomical Herald, Volume 104, Page 626–633 (2011)
2. “Chemical Evolution of Active Galactic Nuclei”
Tohru Nagao
“The Starburst-AGN Connection under the Multiwavelength Limelight”, Article ID 31 (2011)
3. “Calibrating High- z Black Hole Mass Estimators Using the FMOS Near-IR Spectra”
Jong-Hak Woo, P. Kim, C. Onken, Tohru Nagao, C. Kochanek, J. Kollmeier, and S. Kim
Bulletin of the American Astronomical Society, Volume 43, AAS217, 430.10 (2011)
4. “AMAZE and LSD: Metallicity and Dynamical Evolution of Galaxies in the Early Universe”
Roberto Maiolino, Filippo Mannucci, G. Cresci, A. Gnerucci, P. Troncoso, A. Marconi, F. Calura, A. Cimatti, F. Cocchia, A. Fontana, G. L. Granato, A. Grazian, F. Matteucci, T. Nagao, L. Pentericci, A. Pipino, L. Pozzetti, G. Risaliti, M. Saslavi, and L. Silva
The ESO Messenger, Volume 142, Page 36–39 (2010)
5. “Observational Searches for High-Redshift Galaxies Hosting Population III Stars”
Tohru Nagao
AIP Conference Proceedings Volume 1279, “Deciphering the Ancient Universe with Gamma-Ray Bursts”, Page 179–186 (2010)
6. “Metallicity Evolution of Active Galactic Nuclei”
Tohru Nagao, Roberto Maiolino, Alessandro Marconi, Kenta Matsuoka, and Yoshiaki Taniguchi
IAU Symposium 267, “Co-Evolution of Central Black Holes and Galaxies”, Page 73–79 (2010)
7. “Metallicity of the High-Redshift Universe Traced by Radio Galaxies”
Kenta Matsuoka, Tohru Nagao, Roberto Maiolino, Alessandro Marconi, and Yoshiaki Taniguchi
IAU Symposium 265, “Chemical Abundances in the Universe: Connecting First Stars to Planets”, Page 179–180 (2010)
8. “Next Generation Study of the Cosmic Metallicity Evolution with SPICA”
Tohru Nagao, Roberto Maiolino, and Hideo Matsuhara
“SPICA Joint European/Japanese Workshop”, eds. A. M. Heras, B. M. Swinyard, K. G. Isaak, and J. R. Goicoechea, EDP Sciences p.04003 (2009)
9. “The Metallicity Evolution at High Redshift”
Roberto Maiolino, Tohru Nagao, A. Grazian, and F. Cocchia
“Science with the VLT in the ELT Era”, Page 49 (2009)

10. “The Evolution of the Galaxy Mass-Metallicity Relation at High Redshift”
Tohru Nagao, Roberto Maiolino, and Alessandro Marconi
ASP Conference Series Volume 399, “Panoramic Views of Galaxy Formation and Evolution”,
Page 272 (2008)
11. “Wide-Field Optical Variability Survey for Low-Luminosity AGN with Suprime-Cam”
Tomoki Morokuma, Mamoru Doi, Naoki Yasuda, Masayuki Akiyama, K. Sekiguchi, Hisanori
Furusawa, Nobunari Kashikawa, Tohru Nagao, Y. Ueda, T. Totani, T. Oda, Takashi Mu-
rayama, Masami Ouchi, and M. G. Watson
ASP Conference Series Volume 399, “Panoramic Views of Galaxy Formation and Evolution”,
Page 417 (2008)
12. “Observational Search for Population III Stars in High-Redshift Galaxies”
Tohru Nagao
IAU Symposium 255, “Low-Metallicity Star Formation: From the First Stars to Dwarf Galax-
ies”, Page 79–83 (2008)
13. “Tracing Metallicities in the Universe with the James Webb Space Telescope”
Roberto Maiolino, S. Arribas, T. Böker, A. Bunker, S. Charlot, G. de Marchi, P. Ferruit, M.
Franx, P. Jakobsen, H. Moseley, Tohru Nagao, L. Origlia, B. Raucher, M. Regan, H. W. Rix,
and C. J. Willott
“The Metal-Rich Universe”, eds Garik Israelian and Georges Meynet, Page 212 (2008)
14. “The Evolution of the Mass-Metallicity Relation at $z > 3$ ”
Roberto Maiolino, Tohru Nagao, A. Grazian, F. Cocchia, Alessandro Marconi, Filippo Man-
nucci, Andrea Cimatti, Antonio Pipino, A. Fontana, G. L. Granato, F. Matteucci, L. Penter-
icci, Guido Risaliti, Marco Salvati, and L. Silva
ASP Conference Series Volume 396, “Formation and Evolution of Galaxy Disks”, Page 409
(2008)
15. “Weighing Black Holes from Zero to High Redshift”
Alessandro Marconi, David J. Axon, Roberto Maiolino, Tohru Nagao, Paola Pietrini, Andrew
Robinson, and Guidetta Torricelli
“The Central Kiloparsec: Active Galactic Nuclei and Their Hosts”, *Memorie della Societa
Astronomica Italiana*, Volume 79, in press (2008) [arXiv:0809.0390]
16. “Chemical Evolution of Active Galactic Nuclei”
Tohru Nagao
The Astronomical Herald, Volume 100, Page 656–662 (2007)
17. “The Evolution of the Mass-Metallicity Relation at $z > 3$ ”
Roberto Maiolino, Tohru Nagao, A. Grazian, F. Cocchia, Alessandro Marconi, Filippo Man-
nucci, Andrea Cimatti, Antonio Pipino, S. Ballero, A. Fontana, G. L. Granato, F. Matteucci,
G. Pastorini, L. Pentericci, Guido Risaliti, Marco Salvati, and L. Silva
Il Nuovo Cimento B, Volume 122, Page 935–940 (2007) [arXiv:0712.2880]
18. “Metallicity Evolution of Active Galactic Nuclei”
Tohru Nagao, Roberto Maiolino, and Alessandro Marconi
“The Central Engine of Active Galactic Nuclei”, eds. L. C. Ho and J.-M. Wang, ASP Con-
ference Series Volume 373, Page 663–666 (2007) [astro-ph/0612570]
19. “An Observational Pursuit for Population III Stars in a Lyman Alpha Emitter at $z > 6$
through HeII Emission”
Tohru Nagao, Kentaro Motohara, Roberto Maiolino, Alessandro Marconi, and Yoshiaki
Taniguchi
“The Universe at $z > 6$ ”, 26th Meeting of the IAU, Joint Discussion 7, 12 (2006)
20. “Metallicity Evolution of Active Galactic Nuclei”
Tohru Nagao, Roberto Maiolino, and Alessandro Marconi
Annual Report of the National Astronomical Observatory of Japan, Volume 8, in press (2006)

21. “Observational Pursuit for Population III Stars”
Tohru Nagao, Roberto Maiolino, Kentaro Motohara, Alessandro Marconi, Takashi Murayama, Nobunari Kashikawa, Matthew A. Malkan, Yoshiaki Taniguchi, and Kouji Ohta
Annual Report of the National Astronomical Observatory of Japan, Volume 8, in press (2006)
22. “An Observational Pursuit for Population III Stars”
Tohru Nagao
“East Asian Young Astronomers Meeting 2006”, eds. Y. Urata, D. Kinoshita, T. Sekiguchi, and A. Yonehara, Page 219–222 (2006)
23. “Metals and Dust in High Redshift AGNs”
Roberto Maiolino, Tohru Nagao, Alessandro Marconi, Raffaella Schneider, Stefano Bianchi, Marco Pedani, Antonio Pipino, Francesca Matteucci, Pierre Cox, and Paola Caselli
Memorie della Societa Astronomica Italiana, Volume 77, Page 643–652 (2006) [astro-ph/0603261]
24. “Formation of SMBHs and QSO Evolution”
Nozomu Kawakatu, Naohisa Anabuki, Tohru Nagao, Masayuki Umemura, Takao Nakagawa, and Masao Mori
“QSO Host Galaxies: Evolution and Environments, Workshop on QSO Host Galaxies: Evolution and Environments”, New Astronomy Reviews, Volume 50, Page 769–771 (2006)
25. “The Luminosity Function and Star Formation Rate Between Redshifts of 0.07 and 1.47 for Narrow-band Emitters in the Subaru Deep Field”
Chun Ly, Matthew A. Malkan, Nobunari Kashikawa, Kazuhiro Shimasaku, Mamoru Doi, Tohru Nagao, Masanori Iye, Tadayuki Kodama, Tomoki Morokuma, and Kentaro Motohara
Bulletin of the American Astronomical Society, Volume 38, Page 133 (2006)
26. “Early Stage of Galaxy Formation”
Yoshiaki Taniguchi, Tohru Nagao, Masaru Ajiki, Yasuhiro Shioya, Shunji S. Sasaki, and Takashi Murayama
“The IAU 9th Asian-Pacific Regional Meeting” (2006) [astro-ph/0510601]
27. “First Detection of [CII]158 μ m at High Redshift: Vigorous Star Formation in the Early Universe”
Roberto Maiolino, Pierre Cox, Paola Caselli, Alexandre Beelen, Frank Bertoldi, Michael J. Kaufman, Tohru Nagao, Alain Omont, Axel Weiß, and Malcolm Walmsley
IAU Symposium 231, “Astrochemistry Throughout the Universe: Recent Successes and Current Challenges”, Page 157 (2005)
28. “The HST Cosmos Project: Contribution from the Subaru Telescope”
Yoshiaki Taniguchi, Nick Z. Scoville, David B. Sanders, Bahram Mobasher, Herve Aussel, Peter Capak, Masaru Ajiki, Takashi Murayama, Satoshi Miyazaki, Yutaka Komiyama, Yasuhiro Shioya, Tohru Nagao, Shunji S. Sasaki, Ryoko Sumiya, Jin Koda, Laura Heinlein, Yuichi Hatakeyama, Hiroshi Karoji, and the COSMOS team
Journal of the Korean Astronomical Society, Volume 39, Page 187–190 (2005) [astro-ph/0503645]
29. “A Subaru Search for Ly α Blobs in and around the Proto-Cluster Region at Redshift $z = 3.1$ ”
Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Yoshiaki Taniguchi, Yasuhiro Shioya, Takashi Murayama, Tohru Nagao, Masaru Ajiki, Shinobu S. Fujita, Sadanori Okamura, Kazuhiro Shimasaku, Masami Ouchi, and Kouji Ohta
Annual Report of the National Astronomical Observatory of Japan, Volume 7, Page 31 (2005)
30. “Statistical Properties of High-Ionization Forbidden Emission Lines of Seyfert Galaxies”
Tohru Nagao
“Multiwavelength AGN Surveys”, eds. R. Mújica and R. Maiolino, Page 197–198 (2004)
31. “Stratified Structure of Ionized Gas Regions in Active Galactic Nuclei”
Tohru Nagao
The Astronomical Herald, Volume 97, Page 563–570 (2004)

32. “Superwind Galaxies at High- z : The Case of LAE J1044-0130”
Masaru Ajiki, Shinobu S. Fujita, Yasuhiro Shioya, Yoshiaki Taniguchi, Tohru Nagao, and Takashi Murayama
IAU Symposium 217, “Recycling Intergalactic and Interstellar Matter”, Page 300 (2004)
33. “Lyman-Alpha Emitters beyond Redshift 5: The Dawn of Galaxy Formation”
Yoshiaki Taniguchi, Yasuhiro Shioya, Shinobu S. Fujita, Tohru Nagao, Takashi Murayama, and Masaru Ajiki
Journal of the Korean Astronomical Society, Volume 36, Page 123–144 (2003)
34. “On the Origin of Ly α Blobs at High Redshift: Kinematic Evidence for a Hyperwind Galaxy at $z = 3.1$ ”
Youichi Ohyama, Yoshiaki Taniguchi, Koji S. Kawabata, Yasuhiro Shioya, Takashi Murayama, Tohru Nagao, Tadafumi Takata, Masanori Iye, and Michitoshi Yoshida
Bulletin of the American Astronomical Society, Volume 34, Page 1234 (2002)
35. “Is There an ADAF in Radio Galaxies with Double-Peaked Balmer Lines?”
Tohru Nagao, Takashi Murayama, Yasuhiro Shioya, and Yoshiaki Taniguchi
“The IAU 8th Asian-Pacific Regional Meeting”, eds. S. Ikeuchi, J. Hearnshaw, and T. Hanawa, Page 393–394 (2002)
36. “SDSSpJ104433.04-012502.2 at $z=5.74$ is Gravitationally Magnified by an Intervening Galaxy”
Takashi Murayama, Yasuhiro Shioya, Yoshiaki Taniguchi, Masaru Ajiki, Tohru Nagao, Shinobu S. Fujita, Yuko Kakazu, Yutaka Komiyama, Sadanori Okamura, Shinki Oyabu, Kimiaki Kawara, Youichi Ohyama, Koji S. Kawabata, Hiroyasu Ando, Tetsuo Nishimura, Masahiko Hayashi, Ryusuke Ogasawara, and Shin-ichi Ichikawa
“The IAU 8th Asian-Pacific Regional Meeting”, eds. S. Ikeuchi, J. Hearnshaw, and T. Hanawa, Page 481–482 (2002)
37. “The [O III] λ 4363 Emitting Region Obscured by Dusty Tori”
Tohru Nagao, Takashi Murayama, and Yoshiaki Taniguchi
ASP Conference Series Volume 249, “The Central kpc of Starbursts and AGNs”, eds. J. H. Knapen, J. E. Beckman, I. Shlosman, and T. J. Mahoney, Page 317–320 (2002) [astro-ph/0106295]
38. “How do We See Narrow-Line Seyfert 1 Galaxies ? — Properties of Emission-Line Regions in Narrow-Line Seyfert 1 Galaxies”
Tohru Nagao, Yoshiaki Taniguchi, and Takashi Murayama
ASP Conference Series Volume 222, “The Physics of Galaxy Formation”, eds. M. Umemura and H. Susa, Page 379–382 (2001)
39. “A New Pole-on View Model for Narrow-Line Seyfert 1 Galaxies”
Takashi Murayama, Yoshiaki Taniguchi, and Tohru Nagao
ASP Conference Series Volume 222, “The Physics of Galaxy Formation”, eds. M. Umemura and H. Susa, Page 375–378 (2001)
40. “Narrowband Filter System at the SUBARU Prime Focus”
Tomoki Hayashino, Yoshiaki Taniguchi, Toru Yamada, Yasuhiro Shioya, Tohru Nagao, Toshimitsu Yoshida, Mamoru Doi, Kazuhiro Shimasaku, Yutaka Komiyama, Fumiaki Nakata, Hisanori Furusawa, Hitohiko Kimura, Masami Ouchi, Tsutomu Aoki, Masaru Hamabe, Kei-ichi Kodaira, Satoshi Miyazaki, Naruhisa Takato, Masafumi Yagi, Naoki Yasuda, Masaki Sekiguchi, and Sadanori Okamura
SPIE, Volume 4008, Page 397–404 (2000)
41. “How do We See the Nuclear Region ($r < 0.1\text{pc}$) of NLS1s ?”
Takashi Murayama, Tohru Nagao, and Yoshiaki Taniguchi
New Astronomy Reviews, Volume 44, Page 447–449 (2000) [astro-ph/0005138]

42. “What are Narrow-Line Seyfert 1 Galaxies? — Toward a Viewing-Angle-Dependent Unified Model for Seyfert Galaxies”
Takashi Murayama, Yoshiaki Taniguchi, and Tohru Nagao
“ASCA/ROSAT Workshop on AGN and the X-ray Background”, eds. T. Takahashi and H. Inoue, Page 141–144 (1999)

招待講演・特別講演

1. “宇宙化学進化の観測的研究と私”
日本天文学会研究奨励賞受賞記念講演、日本天文学会 2011 年秋季年会、鹿児島大学、2011 年 9 月
2. “AO Sciences on Active Galactic Nuclei”
ワークショップ「すばる望遠鏡 次世代 AO」、大阪大学、2011 年 9 月
3. “Observational Searches for PopIII Stars in High- z Galaxies”
第 41 回天文天体物理若手夏の学校、愛知県蒲郡市、2011 年 8 月
4. “Mid-IR Metallicity Diagnostics for Star-Forming Galaxies”
SPICA サイエンスワークショップ、国立天文台、2010 年 12 月
5. “Radio/Submm Line Observations for High- z QSOs with ALMA”
ALMA-Subaru Workshop 2010 「宇宙・銀河・星・惑星・生命の誕生」、国立天文台、2010 年 10 月
6. “Current Status of the SWANS Project”
研究会「超広域サーベイで明かす巨大ブラックホールと銀河の共進化」、東北大学、2010 年 9 月
7. “ $3 < z < 6$ QSO Survey Strategy”
研究会「超広域サーベイで明かす巨大ブラックホールと銀河の共進化」、東北大学、2010 年 9 月
8. “Observational Searches for High-Redshift Galaxies Hosting Population III Stars”
International Conference “Deciphering the Ancient Universe with Gamma-Ray Bursts”、京都府京都市、2010 年 4 月
9. “すばる望遠鏡次世代広視野撮像装置を用いた大規模活動銀河核探査 SWANS Project”
ワークショップ「巨大ブラックホールと銀河の共進化」、筑波大学、2010 年 2 月
10. “SWANS: Subaru Wide-Field AGN Survey”
研究会「超広域サーベイによる巨大ブラックホール進化の研究：観測と理論の連携」、愛媛県松山市、2009 年 10 月
11. “Observational Study on the Chemical Evolution of Galaxies”
科研費特定領域研究「ガンマ線バーストで読み解く太古の宇宙」第 3 回領域シンポジウム、岐阜県下呂市、2009 年 9 月
12. “SWANS: Subaru Wide-Field AGN Survey with HSC”
日本天文学会 2009 年秋季年会企画セッション「すばる望遠鏡の広視野・分光サーベイが切り拓くサイエンス」、山口大学、2009 年 9 月
13. “Metallicity Evolution of Active Galactic Nuclei”
The 27th IAU General Assembly, Symposium 267: “Co-evolution of Galaxies and Black Holes”、リオデジャネイロ、2009 年 8 月
14. “Observational Study on the Chemical Evolution of the Universe”
研究会「現代天文学における宇宙の構造形成ビジョン」、宮城県白石市、2009 年 2 月
15. “銀河化学進化の観測的研究”
研究会「初代星・銀河形成研究会」、甲南大学、2008 年 9 月

16. “Metallicity Evolution of the Universe through Observations of Galaxies and AGNs”
研究会「銀河形成研究の最前線」、国立天文台、2008年2月
17. “多波長・多モードで探る活動銀河中心核”
研究会「多波長・多モード連携観測で探る高エネルギー天体现象」、広島大学、2007年3月

獲得研究資金

1. 平成24年度 自然科学研究機構国立天文台 研究集会開催助成
研究課題「Hyper Suprime-Cam 広視野撮像サーベイによる活動銀河核研究」
配分金額 計600千円
2. 平成23-25年度 科学研究費 挑戦的萌芽研究
研究課題「宇宙の「生きた化石」：現在の宇宙に潜む進化初期の銀河と巨大ブラックホールの探査」
配分金額 計2,050千円（直接経費のみ、研究代表者への配分額）
3. 平成23-24年度 京都大学白眉プロジェクト研究費
研究課題「巨大ブラックホールの形成と進化の観測的研究」
配分金額 計3,900千円
4. 平成23年度 財団法人倉田記念日立科学技術財団 海外渡航費補助
研究課題「Chemical Evolution of Active Galactic Nuclei」
配分金額 計200千円
5. 平成23年度 自然科学研究機構国立天文台 研究集会開催助成
研究課題「HSC 活動銀河核探査によるサイエンス」
配分金額 計600千円
6. 平成21年度 財団法人倉田記念日立科学技術財団 第42回倉田奨励金
研究課題「巨大ブラックホール天体のスペクトル解析に基づく宇宙化学進化史の観測的研究」
配分金額 計1,550千円
7. 平成21年度 財団法人伊藤科学振興会 第42回物理学分野研究助成
研究課題「宇宙初期における巨大ブラックホール形成進化の観測的研究」
配分金額 計600千円
8. 平成21年度 天文学振興財団 国際交流支援事業（国際交流参加）
研究課題「Genuine Shape of the Big Blue Bump of Narrow-Line Seyfert 1 Galaxies」
配分金額 計275千円
9. 平成21年度 自然科学研究機構国立天文台 研究集会開催助成
研究課題「超広域サーベイによる巨大ブラックホール進化の研究：観測と理論の連携」
配分金額 計350千円
10. 平成20-22年度 愛媛大学研究開発支援経費 萌芽的研究
研究課題「超巨大ブラックホール天体の系統的観測による宇宙化学進化の研究」
配分金額 計3,130千円
11. 平成17-19年度 科学研究費 特別研究員奨励費
研究課題「超巨大ブラックホールの形成と進化の大規模広視野宇宙探査観測に基づく研究」
配分金額 計3,400千円
12. 平成17年度 日本天文学会早川幸男基金 海外渡航費補助
研究課題「Nuclear Star-Forming Activities in Narrow-Line Seyfert 1 Galaxies」
配分金額 計222千円
13. 平成15-16年度 科学研究費 特別研究員奨励費
研究課題「銀河中心における超巨大ブラックホールの進化の観測的研究」
配分金額 計2,400千円

14. 平成 13 年度 日本天文学会早川幸男基金 海外渡航費補助
研究課題 「The [OIII]4363-Emitting Region Obscured by Dusty Tori」
配分金額 計 211 千円

受賞

1. 平成 23 年 3 月 日本天文学会研究奨励賞
研究課題 「宇宙化学進化の観測的研究」
2. 平成 23 年 3 月 日本天文学会欧文研究報告論文賞（共同受賞）
研究課題 「Lyman alpha emitters at $z=5.7$ in the Subaru Deep Field」
3. 平成 17 年 3 月 日本天文学会欧文研究報告論文賞（共同受賞）
研究課題 「The discovery of two Lyman alpha emitters beyond $z=6$ in the Subaru Deep Field」