

Doç Dr. Yuki Kaneko

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Nationality: Japanese

Date of Birth: September 28, 1972

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RESEARCH INTERESTS

Gamma-Ray Bursts, Soft Gamma Repeaters, Anomalous X-ray Pulsars
Gamma-Ray/X-Ray Spectroscopy, High-Energy Detector Development
STEM Education (College level), Active Learning, Collaborative Learning

ACADEMIC INFORMATION

YÖK Associate professor (Doçent)	2017
Ph.D. Physics, University of Alabama in Huntsville Dissertation: "Spectral Studies of Gamma-Ray Burst Prompt Emission" Advisor: Dr. Robert D. Preece	2005
M.S. Physics, University of Alabama in Huntsville	2002
B.S. with Summa Cum Laude (The Highest Honor) Physics and Astronomy, Youngstown State University, Youngstown, Ohio, U.S.A.	2000

RESEARCH POSITIONS

Postdoctoral Research Associate , Sabancı University, İstanbul, Turkey	2009 – 2011
Postdoctoral Research Associate , Universities Space Research Association, National Space Science and Technology Center, Huntsville, Alabama, U.S.A.	2005 – 2008
Graduate Research Assistant , University of Alabama in Huntsville / National Space Science and Technology Center, Huntsville, Alabama, U.S.A.	2001 – 2005
Undergraduate Student Visitor , High Altitude Observatory, Boulder, Colorado, U.S.A.	1999
Undergraduate Research Assistant , Youngstown State University, Center for Photon Induced Processes, Youngstown, Ohio, U.S.A.	1998 – 2000

TEACHING POSITIONS

Instructor/Coordinator, NS 101/102 "Science of Nature" (College-Level Physics, Integrated Science), Sabancı University, İstanbul, Turkey	2009 – Present
IB Physics Instructor , TEV İnanç Türkeş High School for Gifted Students, Gebze, Kocaeli, Turkey	2006 – 2008
Graduate Teaching Assistant (College-Level Physics and Astronomy), University of Alabama in Huntsville, Huntsville, Alabama, U.S.A.	2000 – 2001

OTHER RELEVANT POSITIONS

Education Consultant (for designing comprehensive strategic plan of Turkish-Japanese Science and Technology University), Arama Consulting, İstanbul, Turkey	2021 – 2022
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CERTIFICATES, SUMMER SCHOOLS, WORKSHOPS, PROGRAMS

Guest Lecturer, Matter of Life: Earth Outbound (HSCI-320) , ArtCenter College of Design, California, U.S.A.	2021-2022
Organizer/Lead Moderator, Workshop on Innovative Approaches in College STEM Education , Sabancı University https://scienceofnature.sabanciuniv.edu/stem-workshop/	2018 – Present
Organizer/Presenter, Annual Sabancı University Internal Education Conference , Sabancı University http://teachingconf.sabanciuniv.edu	2018 – Present
Organizer/Presenter, Teaching Seminars Program for Graduate Students , Sabancı University, https://preparing-faculty-turkey.org	2019 – Present
Certified, Flipped Learning 3.0 Higher Ed Certification Level-1 , Flipped Learning Global Initiative	2020
Attendee, Writing and Thinking STEM Workshop , Bard College, New York, U.S.A	2017
Organizer/Trainer, Teaching Scholars Residency Program , Sabancı University, Istanbul	2013 – Present
Coordinator/Trainer, NS Learning Assistant Program , Sabancı University, Istanbul	2014 – Present
Organizer/Lecturer, Active Learning Workshop for FENS Graduate Students (a part of the pre-semester orientation program), Sabancı University, Istanbul	2014 – Present
Organizer/Instructor, Preparing Future FENS Faculty , Teaching Workshop Series for Graduate Students, Sabancı University, Istanbul	2012 – 2014
Organizer/Instructor, FENS TA Orientations , Sabancı University, Istanbul	2011 – 2013
Lecturer, English for Math and Science , School of Languages, Sabancı University, Istanbul	2010 – 2020
Lecturer, Fermi Gamma-ray Space Telescope Data Analysis Workshop , Sabancı University, Istanbul	2010

FUNDED PROJECTS

Principal Investigator , TÜBİTAK (No. 118F344) “Deep Search for and Investigation of Untriggered Gamma-Ray Transient Events Using Fermi/GBM Data”	2019 – 2022
Co-Investigator , US Embassy of Ankara “Adaptation of ‘Preparing Future Faculty’ Program for the Turkish University Context”	2018 – 2022
Researcher , TÜBİTAK (No. 119F335) “Detailed Studies of Gamma-Ray Bursts with Extended Emissions”	2020 – 2022
Researcher , TÜBİTAK (No. 121F266) “High Time Resolution Investigations of Magnetar Bursts”	2021 – 2024
Researcher , TÜBİTAK (No. 115F463) “Long-term X-ray Emission Properties of Magnetars”	2016 – 2018
Principal Investigator , TÜBİTAK (No. 113R031) “Spectral and Temporal Characterization of Magnetar Bursts”	2013 – 2015
Researcher , TÜBİTAK (No. 109T755) “Broadband Spectral Studies of Gamma-Ray Bursts”	2010 – 2013

(CO-)ADVISED STUDENTS

- Mete Uzuner, received **M.S. in 2022** (currently a Ph.D student at Sabancı University)
Thesis Title: "Identification and Investigations of Untriggered Magnetar Bursts in the Fermi Gamma-Ray Burst Monitor Database"
- Özge Keskin, received **M.S. in 2021** (currently a Ph.D student at Sabancı University)
Thesis Title: "Identification and Investigations of Untriggered Magnetar Bursts in the Fermi Gamma-Ray Burst Monitor Database"
- Demet Kırmızıbayrak, received **M.S. in 2017** (currently a Ph.D student at the University of British Columbia)
Thesis Title: "Broadband Spectral Investigations of Magnetar Bursts"
- Aslıhan Muazzez Ünsal, received **Ph.D in 2015**
Thesis Title: "Spectral Analysis of Gamma-Ray Bursts with Thermal Signature During Their Prompt Phase"

COURSES TAUGHT & PROJECTS OFFERED

- NS 101/102** "Science of Nature I & II" [Freshman]
NS 501/502 "Basic Concepts & Teaching of Science" [Graduate]
NS 209 "Beyond the Milky Way" (planned in Spring 2023) [Undergraduate]
PROJ 102/201 "Undergraduate Project Course" [Undergraduate]
Program for Undergraduate Research Experience (PURE) [Undergraduate]

PROFESSIONAL MEMBERSHIP, SERVICES

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| Member/Co-Vice Chair, SEFI Physics Working Group | 2018 – Present |
| Peer Reviewer, The Astrophysical Journal, Astronomy & Astrophysics, Publications of the Astronomical Society of Japan | 2006 – Present |
| Member, FENS Education & Accreditation Committee, Sabancı University | 2018 – Present |
| Member, Transfer Committee, Sabancı University | 2016 – 2017 |

HONORS & AWARDS

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| Award of Recognition , Foundations Development Directorate, Sabancı University | 2021 |
| First Year University Courses Teaching Award , Selected 2 nd by students, Sabancı University | 2020, 2021 |
| First Year University Courses Teaching Award , Selected 4 th by students, Sabancı University | 2015, 2018 |

COMPUTING SKILLS

- Operating systems: Linux, Windows, Mac OS X
Programming: IDL, C, C++, HTML, Python

LANGUAGES

- Japanese (Native), English (Fluent), Turkish (Fluent in Spoken, Moderate in Written)

SELECTED ORAL PRESENTATIONS (2013 and later)

“Learner-Centered, Interdisciplinary Approach to Freshman Science Course”, Invited talk , <i>International Congress on Education Quality</i> , University of Silesia, Katowice, Poland	2022
“Learner-Centered, Interdisciplinary Approach to Freshman Science Course”, Online invited talk , TED University, Ankara	2022
“Short Gamma-Ray Bursts: An Overview”, Online invited talk , “ <i>The Latest Shows from Neutron Stars</i> ”, Ege University Observatory Workshop Series	2021
“University Education after Pandemic: Natural Sciences and Math”, Invited panellist , <i>Conference on Online University Education during Pandemic</i> , TED University, Ankara	2021
“Student-Centered Approach in Undergraduate Education”, Invited talk , Istanbul Technical University, Center for Excellence in Education	2019
“Learner-Centered, Interdisciplinary Approach to Freshman Science Course”, <i>International Conference on Physics Education</i> , Johannesburg, South Africa	2018
“Active Learning in University: An Approach to a Freshman Science Course”, <i>SEFI Annual Conference</i> , Technical University of Denmark, Copenhagen, Denmark	2018
“Teaching Scholars Residency Program at Sabancı University: Training Facilitators of Active Learning” <i>Innovative Teaching and Technology in Higher Education</i> , Kadir Has University, Istanbul, Turkey	2016
“Teaching Scholars Residency Program at Sabancı University: Training Facilitators of Active Learning” <i>International Congress on New Trends in Education</i> , Antalya, Turkey	2016
“Expanding Vision and Change Initiative Beyond US: Training Young Educators in Turkey” <i>Annual American Society of Microbiology Conference for Undergraduate Educators</i> , Massachusetts, U.S.A.	2014
“Short Gamma-Ray Bursts with Extended Emission Observed with BAT and GBM” <i>Explosive Transients: Lighthouses of the Universe</i> , Santorini, Greece	2013
“Spectral and Temporal Properties of Pre-Fermi GRBs” (Invited) <i>American Astronomical Society High-Energy Astrophysics Division Meeting</i> , Monterey, California, U.S.A.	2013

PUBLICATIONS [**h-index: 26 (Scopus)**]

Refereed Journals

- “Bursts from High Magnetic-Field Pulsars Swift J1818.0–1607 and PSR J1846.4–0258”, M. Uzuner, Ö. Keskin, **Y. Kaneko**, E. Göğüş, O.J. Roberts, L. Lin, M.G. Baring, C. Güngör, C. Kouveliotou, A.J. van der Horst, and G. Younes, 2022, *The Astrophysical Journal*, Accepted for publication
- “Fermi/GBM Observations of the SGRJ1935+2154 Burst Forest”, **Y. Kaneko**, E. Göğüş, M.G. Baring, C. Kouveliotou, L. Lin, O.J. Roberts, A.J. van der Horst, G. Younes, Ö. Keskin, and Ö.F. Çoban, 2021, *The Astrophysical Journal Letters*, 916, L7
- “Broadband X-ray burst spectroscopy of the fast-radio-burst-emitting Galactic magnetar”, G. Younes, M.G. Baring, C. Kouveliotou, Z. Arzoumanian, T. Enoto, J. Doty, K.C. Gendreau, E. Göğüş, S. Guillot, T. Güver, A.K. Harding, W.C.G. Ho, A.J. van der Horst, C.-P. Hu, G.K. Jaisawal, **Y. Kaneko**, B.J. LaMarr, L. Lin, W. Majid, T. Okajima, J. Pope, P.S. Ray, O.J. Roberts, M. Saylor, J.F. Steiner, Z. Wadiasingh, 2021, *Nature Astronomy*, 5, 408
- “Burst Properties of the Most Recurring Transient Magnetar SGR J1935+2154”, L. Lin; E. Göğüş, O.J. Roberts, C. Kouveliotou,, **Y. Kaneko**, A.J. van der Horst, G. Younes, 2020, *The Astrophysical Journal*, 835, 156

- “Fermi/GBM View of the 2019 and 2020 Burst Active Episodes of SGR J1935+2154”, L. Lin, E. Göğüş, O.J. Roberts, M.G. Baring, C. Kouveliotou, **Y. Kaneko**, A.J. van der Horst, G. Younes, 2020 *The Astrophysical Journal Letters*, 902, L43
- “Persistent Emission Properties of SGR J1935+2154 during Its 2020 Active Episode”, E. Göğüş, M.G. Baring, C. Kouveliotou, T. Güver, L. Lin, O.J. Roberts, G. Younes, **Y. Kaneko**, and A.J. van der Horst, 2020, *The Astrophysical Journal*, 905, L31
- “The THESEUS space mission concept: science case, design and expected performances”, L. Amati, et al. (THESEUS Consortium), 2018, *Advances in Space Research*, 62, 191
- “Broadband Spectral Investigations of Magnetar Bursts”, D. Kirmızıbayrak, S. Şaşmaz Muş, **Y. Kaneko**, & E. Göğüş, 2017, *The Astrophysical Journal Supplement Series*, 232, 17
- “Burst and Outburst Characteristics of Magnetar 4U 0142+61”, E. Göğüş, L. Lin, O.J. Roberts, M. Chakraborty, **Y. Kaneko**, R. Gill, J. Granot, A.J. van der Horst, A.L. Watts, M. Baring, C. Kouveliotou, D. Huppenkothen, G. Younes, 2017, *The Astrophysical Journal*, 835, 68
- “Magnetar-like X-Ray Bursts from a Rotation-powered Pulsar, PSR J1119-6127”, E. Göğüş, L. Lin, **Y. Kaneko**, C. Kouveliotou, A.L. Watts, M. Chakraborty, M.A. Alpar, D. Huppenkothen, O.J. Roberts, G. Younes, A.J. van der Horst, 2016, *The Astrophysical Journal Letters*, 829, 25
- “Variation of Spectral and Timing Properties in the Extended Burst Tails from the Magnetar 4U 0142+61”, M. Chakraborty, E. Göğüş, S. Şaşmaz Muş, & **Y. Kaneko**, 2016, *The Astrophysical Journal*, 819, 153
- “Short gamma-ray bursts with extended emission observed with Swift/BAT and Fermi/GBM”, **Y. Kaneko**, Z.F. Bostancı, E. Göğüş, & L. Lin, 2015, *Monthly Notices of the Royal Astronomical Society*, 452, 824
- “Toward a Better Understanding of the GRB Phenomenon: a New Model for GRB Prompt Emission and its Effects on the New $\text{Li}^{\text{NT}} - E_{\text{peak},i}^{\text{rest,NT}}$ Relation”, S. Guiriec, C. Kouveliotou, F. Daigne, B. Zhang, R. Hascoët, R.S. Nemmen, D.J. Thompson, P.N. Bhat, N. Gehrels, M.M. Gonzalez, **Y. Kaneko**, J. McEnery, R. Mochkovitch, J.L. Racusin, F. Ryde, J.R. Sacahui, A.M. Ünsal, 2015, *The Astrophysical Journal*, 807, 148
- “Burst Tails from SGR J1550-5418 Observed with the Rossi X-Ray Timing Explorer”, S. Şaşmaz Muş, E. Göğüş, **Y. Kaneko**, M. Chakraborty, & B. Aydın, 2015, *The Astrophysical Journal*, 807, 42
- “The Five Year Fermi/GBM Magnetar Burst Catalog”, A.C. Collazzi, C. Kouveliotou, A.J. van der Horst, G. Younes, **Y. Kaneko**, E. Göğüş, L. Lin, J. Granot, M.H. Finger, V.L. Chaplin, D. Huppenkothen, A.L. Watts, A. von Kienlin, M.G. Baring, D. Gruber, P.N. Bhat, M.H. Gibby, N. Gehrels, J. McEnery, M. van der Klis, R.A.M.J. Wijers, 2015, *The Astrophysical Journal Supplement Series*, 218, 11
- “Quasi-periodic Oscillations in Short Recurring Bursts of the Soft Gamma Repeater J1550-5418”, D. Huppenkothen, C. D'Angelo, A.L. Watts, L. Heil, M. van der Klis, A.J. van der Horst, C. Kouveliotou, M.G. Baring, E. Göğüş, J. Granot, **Y. Kaneko**, L. Lin, A. von Kienlin, G. Younes, 2014, *The Astrophysical Journal*, 787, 128
- “Time Resolved Spectroscopy of SGR J1550-5418 Bursts Detected with Fermi/Gamma-Ray Burst Monitor”, G. Younes, C. Kouveliotou, A.J. van der Horst, M.G. Baring, J. Granot, A.L. Watts, P.N. Bhat, A. Collazzi, N. Gehrels, N. Gorgone, E. Göğüş, D. Gruber, S. Grunblatt, D. Huppenkothen, **Y. Kaneko**, A. von Kienlin, M. van der Klis, L. Lin, J. Mcenery, T. van Putten, R.A.M.J. Wijers, 2014, *The Astrophysical Journal*, 785, 52
- “Detailed Investigations of the Dimmest Bursts from Two Magnetars, SGR J0501+4516 and SGR J1550-5418”, L. Lin, E. Göğüş, **Y. Kaneko**, C. Kouveliotou, 2013, *The Astrophysical Journal*, 778, 105
- “Swift Discovery of a New Soft Gamma Repeater, SGR J1745-29, near Sagittarius A*”, J.A. Kennea, D.N. Burrows, C. Kouveliotou, D.M. Palmer, E. Göğüş, **Y. Kaneko**, P.A. Evans, N. Degenaar, M.T. Reynolds, J.M. Miller, R. Wijnands, K. Mori, N. Gehrels, 2013, *The Astrophysical Journal Letters*, 770, 24

- “Gamma-ray bursts with extended emission observed with BATSE”, Z.F. Bostancı, **Y. Kaneko**, E. Göğüş, 2013, *Monthly Notices of the Royal Astronomical Society*, 428, 1623
- “Broadband Spectral Investigations of SGR J1550-5418 Bursts”, L. Lin, E. Göğüş, M.G. Baring, Matthew J. Granot, C. Kouveliotou, **Y. Kaneko**, A.J. van der Horst, D. Gruber, A. von Kienlin, G. Younes, A.L. Watts, N. Gehrels, 2012, *The Astrophysical Journal*, 756, 54
- “Detection of Spectral Evolution in the Bursts Emitted during the 2008-2009 Active Episode of SGR J1550-5418”, A. von Kienlin, D. Gruber, C. Kouveliotou, J. Granot, M.G. Baring, E. Göğüş, D. Huppenkothen, **Y. Kaneko**, L. Lin, A.L. Watts, P.N. Bhat, S. Guiriec, A.J. van der Horst, E. Bissaldi, J. Greiner, C.A. Meegan, W.S. Paciesas, R.D. Preece, A. Rau, 2012, *The Astrophysical Journal*, 755, 150
- “GRB980923. A Burst with a Short Duration High-energy Component”, M.M. González, J.R. Sacahui, J.L. Ramirez, B. Patricelli, **Y. Kaneko**, 2012, *The Astrophysical Journal*, 755, 140
- “SGR J1550-5418 Bursts Detected with the Fermi Gamma-Ray Burst Monitor during its Most Prolific Activity”, A.J. van der Horst, C. Kouveliotou, N.M. Gorgone, **Y. Kaneko**, M.G. Baring, S. Guiriec, E. Göğüş, J. Granot, A.L. Watts, L. Lin, P.N. Bhat, E. Bissaldi, V.L. Chaplin, M.H. Finger, N. Gehrels, M.H. Gibby, M.M. Giles, A. Goldstein, D. Gruber, A.K. Harding, L. Kaper, A. von Kienlin, M. van der Klis, S. McBreen, J. Mcenery, C.A. Meegan, W.S. Paciesas, A. Pe'er, R.D. Preece, E. Ramirez-Ruiz, A. Rau, S. Wachter, C. Wilson-Hodge, P.M. Woods, R.A.M.J. Wijers, 2012, *The Astrophysical Journal*, 749, 122
- “X-Ray Observations of the New Unusual Magnetar Swift J1834.9-0846”, O. Kargaltsev, C. Kouveliotou, G.G. Pavlov, E. Göğüş, L. Lin, S. Wachter, R.L. Griffith, **Y. Kaneko**, G. Younes, 2012, *The Astrophysical Journal*, 748, 26
- “Burst and Persistent Emission Properties during the Recent Active Episode of the Anomalous X-Ray Pulsar 1E 1841-045”, L. Lin, C. Kouveliotou, E. Göğüş, A.J. van der Horst, A.L. Watts, M.G. Baring, **Y. Kaneko**, R.A.M.J. Wijers, P.M. Woods, S. Barthelmy, J.M. Burgess, V. Chaplin, N. Gehrels, A. Goldstein, J. Granot, S. Guiriec, J. Mcenery, R.D. Preece, D. Tierney, M. van der Klis, A. von Kienlin, S.N. Zhang, 2011, *The Astrophysical Journal Letters*, 740, 16
- “Extended Tails from SGR 1806-20 Bursts”, E. Göğüş, P.M. Woods, C. Kouveliotou, M.H. Finger, V. Pal'shin, **Y. Kaneko**, S. Golenetskii, D. Frederiks, C. Airhart, 2011, *The Astrophysical Journal*, 740, 55
- “Fermi/Gamma-Ray Burst Monitor Observations of SGR J0501+4516 Bursts”, L. Lin, C. Kouveliotou, M.G. Baring, A.J. van der Horst, S. Guiriec, P.M. Woods, E. Göğüş, **Y. Kaneko**, J. Scargle, J. Granot, R.D. Preece, A. von Kienlin, V. Chaplin, A.L. Watts, R.A.M.J. Wijers, S.N. Zhang, P.N. Bhat, M.H. Finger, N. Gehrels, A. Harding, L. Kaper, V. Kaspi, J. Mcenery, C.A. Meegan, W.S. Paciesas, A. Pe'er, E. Ramirez-Ruiz, M. van der Klis, S. Wachter, C. Wilson-Hodge, 2011, *The Astrophysical Journal*, 739, 87
- “Search for Gravitational Wave Bursts from Six Magnetars”, J. Abadie, et al. (The LIGO Scientific Collaboration and the Virgo Collaboration), R.L. Aptekar, W.V. Boynton, M.S. Briggs, T.L. Cline4, V. Connaughton, D.D. Frederiks, N. Gehrels, J.O. Goldsten, D. Golovin, A.J. van der Horst, K.C. Hurley, **Y. Kaneko**, A. von Kienlin, C. Kouveliotou, H.A. Krimm, L. Lin, I. Mitrofanov, M. Ohno, V.D. Pal'shin, A. Rau, A. Sanin, M.S. Tashiro, Y. Terada, K. Yamaoka, 2011, *The Astrophysical Journal Letters*, 734, 35
- “Spatial, Temporal, and Spectral Properties of X-ray Emission from the Magnetar SGR 0501+4516”, E. Göğüş, P.M. Woods, C. Kouveliotou, **Y. Kaneko**, B.M. Gaensler, S. Chatterjee, 2010, *The Astrophysical Journal*, 722, 899
- “Photospheric Radius Expansion During Magnetar Bursts”, A.L. Watts, C. Kouveliotou, A.J. van der Horst, E. Göğüş, **Y. Kaneko**, M. van der Klis, R.A.M.J. Wijers, A.K. Harding, M.G. Baring, 2010, *The Astrophysical Journal*, 719, 190
- “Discovery of a New Soft Gamma Repeater, SGR J1833-0832”, E. Göğüş, G. Cusumano, A.J. Levan, C. Kouveliotou, T. Sakamoto, S.D. Barthelmy, S. Campana, **Y. Kaneko**, B.W. Stappers, A. de Ugarte Postigo, T. Strohmayer, D.M. Palmer, J. Gelbord, D.N. Burrows, A.J. van der Horst, T. Muñoz-Darias, N. Gehrels, J.W.T. Hessels, A.P. Kamble, S. Wachter, K. Wiersema, R.A.M.J. Wijers, P.M. Woods, 2010, *The Astrophysical Journal*, 718, 331

- “Discovery of a new Soft Gamma Repeater: SGR J0418+5729”, A.J., van der Horst, V. Conaughton, C. Kouveliotou, E. Gogus, **Y. Kaneko**, S. Wachter, M.S. Briggs, J. Granot, E. Ramirez-Ruiz, P.M. Woods, R.L. Aptekar, S.D. Barthelmy, J.R. Cummings, M.H. Finger, D.D. Frederiks, N. Gehrels, C.R. Gelino, D.M. Gelino, S. Golenetskii, K. Hurley, H.A. Krimm, E.P. Mazets, J.E. McEnery, C.A. Meegan, P.P. Oleynik, D.M. Palmer, V.D. Pal'shin, A. Pe'er, D. Svinkin, M.V. Ulanov, M. van der Klis, A. von Kienlin, A.L. Watts, & C.A. Wilson-Hodge, 2010, *The Astrophysical Journal*, 711, 1
- “Magnetar Twists: Fermi/Gamma ray Burst Monitor detection of SGR J1550-5418”, **Y. Kaneko**, E. Gogus, C. Kouveliotou, J. Granot, E. Ramirez-Ruiz, A.J. van der Horst, A.L. Watts, M.H. Finger, N. Gehrels, A. Pe'er, M. van der Klis, A. von Kienlin, S. Wachter, C.A. Wilson-Hodge, & P.M. Woods, 2010, *The Astrophysical Journal*, 710, 1335
- “Broadband, Time-Dependent, Spectroscopy of the Brightest Bursts Observed by BATSE LAD and EGRET TASC”, M.M. González, M. Carrillo-Barragán, B.L. Dingus, **Y. Kaneko**, R.D. Preece, & M.S. Briggs, 2009, *The Astrophysical Journal*, 696, 2155.
- “Broadband Spectral Properties of Bright High-Energy Gamma-Ray Bursts Observed with BATSE and EGRET”, **Y. Kaneko**, M.M. Gonzalez, R.D. Preece, B.L. Dingus, & M.S. Briggs, 2008, *The Astrophysical Journal*, 677, 1168.
- “Prompt and Afterglow Emission Properties of Gamma-Ray Bursts with Spectroscopically Identified Supernovae”, **Y. Kaneko**, E. Ramirez-Ruiz, J. Granot, C. Kouveliotou, S.E. Woosley, S.K. Patel, E. Rol, J.J.M. in't Zand, A.J. van der Horst, R.A.M.J. Wijers, & R. Strom, 2007, *The Astrophysical Journal*, 654, 385.
- “A New γ -Ray Burst Classification Scheme from GRB060614”, N. Gehrels, J.P. Norris, S.D. Barthelmy, J. Granot, **Y. Kaneko**, C. Kouveliotou, C.B. Markwardt, P. Mészáros, E. Nakar, J.A. Nousek, P.T. O'Brien, M. Page, D.M. Palmer, A.M. Parsons, P.W.A. Roming, T. Sakamoto, C.L. Sarazin, P. Schady, M. Stamatikos, & S.E. Woosley, 2006, *Nature*, 444, 1044.
- “The Complete Spectral Catalog of Bright BATSE Gamma-Ray Bursts”, **Y. Kaneko**, R.D. Preece, M.S. Briggs, W.S. Paciesas, C.A. Meegan, & D.L. Band, 2006, *The Astrophysical Journal Supplement Series*, 166, 298.
- “Gamma-Ray Burst Spectral Correlations: Photospheric and Injection Effects”, F. Ryde, C-I. Björnsson, **Y. Kaneko**, P. Mészáros, R.D. Preece, & M. Battelino, 2006, *The Astrophysical Journal*, 652, 1400.
- “GRB 050911: A Black hole - Neutron Star Merger or a Naked GRB”, K.L. Page, A.R. King, A.J. Levan, P.T. O'Brien, J.P. Osborne, S.D. Barthelmy, A.P. Beardmore, D.N. Burrows, S. Campana, N. Gehrels, J. Graham, M.R. Goad, O. Godet, **Y. Kaneko**, J.A. Kennea, C.B. Markwardt, D.E. Reichart, T. Sakamoto, & N.R. Tanvir, 2006, *The Astrophysical Journal*, 637, L13.
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