

Seppo Mattila

List of Publications by Year in descending order

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189
papers

9,320
citations

30047

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43868

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195
docs citations

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times ranked

5032
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , 2017, 551, 75-79. | 13.7 | 601 |
| 2 | A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007, 447, 829-832. | 13.7 | 315 |
| 3 | RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. <i>Astrophysical Journal</i> , 2014, 794, 23. | 1.6 | 254 |
| 4 | PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015, 579, A40. | 2.1 | 239 |
| 5 | Slowly fading super-luminous supernovae that are not pair-instability explosions. <i>Nature</i> , 2013, 502, 346-349. | 13.7 | 226 |
| 6 | ULTRA-BRIGHT OPTICAL TRANSIENTS ARE LINKED WITH TYPE Ic SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2010, 724, L16-L21. | 3.0 | 217 |
| 7 | INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , 2013, 767, 1. | 1.6 | 207 |
| 8 | Supernova 2002bo: inadequacy of the single parameter description. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 261-278. | 1.6 | 169 |
| 9 | HIGH-DENSITY CIRCUMSTELLAR INTERACTION IN THE LUMINOUS TYPE II _n SN 2010jl: THE FIRST 1100 DAYS. <i>Astrophysical Journal</i> , 2014, 797, 118. | 1.6 | 159 |
| 10 | The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , 2017, 1, . | 4.2 | 154 |
| 11 | Detection of a Red Supergiant Progenitor Star of a Type II-Plateau Supernova. <i>Science</i> , 2004, 303, 499-503. | 6.0 | 151 |
| 12 | DUST AND THE TYPE II-PLATEAU SUPERNOVA 2004et. <i>Astrophysical Journal</i> , 2009, 704, 306-323. | 1.6 | 151 |
| 13 | SN 2008S: an electron-capture SN from a super-AGB progenitor?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1041-1068. | 1.6 | 151 |
| 14 | SN 2003du: 480 days in the life of a normal type Ia supernova. <i>Astronomy and Astrophysics</i> , 2007, 469, 645-661. | 2.1 | 149 |
| 15 | TOWARD CHARACTERIZATION OF THE TYPE IIP SUPERNOVA PROGENITOR POPULATION: A STATISTICAL SAMPLE OF LIGHT CURVES FROM Pan-STARRS1. <i>Astrophysical Journal</i> , 2015, 799, 208. | 1.6 | 149 |
| 16 | High-Velocity Features: A Ubiquitous Property of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2005, 623, L37-L40. | 1.6 | 146 |
| 17 | Massive stars exploding in a He-rich circumstellar medium - I. Type I _{bn} (SN 2006jc-like) events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 113-130. | 1.6 | 143 |
| 18 | Early and late time VLT spectroscopy of SN 2001el - progenitor constraints for a type Ia supernova. <i>Astronomy and Astrophysics</i> , 2005, 443, 649-662. | 2.1 | 136 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Superluminous supernovae from PESSTO. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2096-2113. | 1.6 | 135 |
| 20 | MULTI-WAVELENGTH OBSERVATIONS OF THE ENDURING TYPE II _n SUPERNOVAE 2005ip AND 2006jd. Astrophysical Journal, 2012, 756, 173. | 1.6 | 131 |
| 21 | Low luminosity Type II supernovae â€œ II. Pointing towards moderate mass precursors. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2873-2892. | 1.6 | 123 |
| 22 | Two type Ic supernovae in low-metallicity, dwarf galaxies: diversity of explosions. Astronomy and Astrophysics, 2010, 512, A70. | 2.1 | 117 |
| 23 | A Spitzer Space Telescope Study of SN 2003gd: Still No Direct Evidence that Core-Collapse Supernovae are Major Dust Factories. Astrophysical Journal, 2007, 665, 608-617. | 1.6 | 114 |
| 24 | SN 2009jf: a slow-evolving stripped-envelope core-collapse supernovaâ€¦. Monthly Notices of the Royal Astronomical Society, 2011, 416, 3138-3159. | 1.6 | 114 |
| 25 | A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. Science, 2018, 361, 482-485. | 6.0 | 113 |
| 26 | SN 2009ip â€œ la PESSTO: no evidence for core collapse yetâ€¦. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1312-1337. | 1.6 | 110 |
| 27 | CORE-COLLAPSE SUPERNOVAE MISSED BY OPTICAL SURVEYS. Astrophysical Journal, 2012, 756, 111. | 1.6 | 104 |
| 28 | Evidence for rapid disc formation and reprocessing in the X-ray bright tidal disruption event candidate AT 2018fyk. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4816-4830. | 1.6 | 100 |
| 29 | SN 2009md: another faint supernova from a low-mass progenitor. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1417-1433. | 1.6 | 97 |
| 30 | Optical and near-infrared observations of SN 2011dh â€œ The first 100 days. Astronomy and Astrophysics, 2014, 562, A17. | 2.1 | 93 |
| 31 | Supernovae in the nuclear regions of starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2001, 324, 325-342. | 1.6 | 92 |
| 32 | Massive stars exploding in a He-rich circumstellar medium - III. SN 2006jc: infrared echoes from new and old dust in the progenitor CSM. Monthly Notices of the Royal Astronomical Society, 2008, 389, 141-155. | 1.6 | 90 |
| 33 | Signatures of Delayed Detonation, Asymmetry, and Electron Capture in the Mid-Infrared Spectra of Supernovae 2003hv and 2005df. Astrophysical Journal, 2007, 661, 995-1012. | 1.6 | 88 |
| 34 | The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am^{âˆ—}. Astrophysical Journal, 2018, 853, 62. | 1.6 | 87 |
| 35 | Multiple major outbursts from a restless luminous blue variable in NGC 3432. Monthly Notices of the Royal Astronomical Society, 0, 408, 181-198. | 1.6 | 83 |
| 36 | COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. Astrophysical Journal, 2017, 834, 107. | 1.6 | 81 |

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|----|--|-----|-----------|
| 37 | Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2â€‰m. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3301-3329. | 1.6 | 78 |
| 38 | THE EXTENDED HUBBLE SPACE TELESCOPE SUPERNOVA SURVEY: THE RATE OF CORE COLLAPSE SUPERNOVAE TO $z \approx 1$. Astrophysical Journal, 2012, 757, 70. | 1.6 | 77 |
| 39 | Massive stars exploding in a He-rich circumstellar medium - II. The transitional case of SN 2005la. Monthly Notices of the Royal Astronomical Society, 2008, 389, 131-140. | 1.6 | 75 |
| 40 | Optical and infrared observations of the Type IIP SN 2002hh from days 3 to 397. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1169-1195. | 1.6 | 74 |
| 41 | SN 2009E: a faint clone of SN 1987A. Astronomy and Astrophysics, 2012, 537, A141. | 2.1 | 73 |
| 42 | Diffuse Interstellar Bands in NGC 1448. Astronomy and Astrophysics, 2005, 429, 559-567. | 2.1 | 71 |
| 43 | Observational constraints on the optical and near-infrared emission from the neutron starâ€“black hole binary merger candidate S190814bv. Astronomy and Astrophysics, 2020, 643, A113. | 2.1 | 70 |
| 44 | Selecting superluminous supernovae in faint galaxies from the first year of the Pan-STARRS1 Medium Deep Survey. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1206-1231. | 1.6 | 69 |
| 45 | Searching for electromagnetic counterparts to gravitational-wave merger events with the prototype Gravitational-Wave Optical Transient Observer (GOTO-4). Monthly Notices of the Royal Astronomical Society, 2020, 497, 726-738. | 1.6 | 68 |
| 46 | ON THE PROGENITOR AND EARLY EVOLUTION OF THE TYPE II SUPERNOVA 2009kr. Astrophysical Journal Letters, 2010, 714, L280-L284. | 3.0 | 66 |
| 47 | VLT Detection of a Red Supergiant Progenitor of the Type II-P Supernova 2008bk. Astrophysical Journal, 2008, 688, L91-L94. | 1.6 | 64 |
| 48 | RED AND DEAD: THE PROGENITOR OF SN 2012aw IN M95. Astrophysical Journal Letters, 2012, 759, L13. | 3.0 | 63 |
| 49 | DUST AND THE TYPE II-PLATEAU SUPERNOVA 2004dj. Astrophysical Journal, 2011, 732, 109. | 1.6 | 61 |
| 50 | Hydrogen and helium in the spectra of Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 435, 329-345. | 1.6 | 61 |
| 51 | Spitzer Measurements of Atomic and Molecular Abundances in the Type IIP SN 2005af. Astrophysical Journal, 2006, 651, L117-L120. | 1.6 | 60 |
| 52 | SN 2009kn - the twin of the Type IIn supernova 1994W. Monthly Notices of the Royal Astronomical Society, 2012, 424, 855-873. | 1.6 | 60 |
| 53 | Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a Normal, Massive, Metal-rich Spiral Galaxy. Astrophysical Journal, 2018, 853, 57. | 1.6 | 60 |
| 54 | A deeper search for the progenitor of the Type Ic supernova 2002ap. Monthly Notices of the Royal Astronomical Society, 2007, 381, 835-850. | 1.6 | 59 |

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|----|---|-----|-----------|
| 55 | ABUNDANCES AND DENSITY STRUCTURE OF THE INNER CIRCUMSTELLAR RING AROUND SN 1987A. <i>Astrophysical Journal</i> , 2010, 717, 1140-1156. | 1.6 | 59 |
| 56 | Early-Time Spitzer Observations of the Type II Plateau Supernova SN 2004dj. <i>Astrophysical Journal</i> , 2005, 628, L123-L126. | 1.6 | 54 |
| 57 | The type IIb SN 2008ax: the nature of the progenitor. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L5-L9. | 1.2 | 53 |
| 58 | A population of highly energetic transient events in the centres of active galaxies. <i>Nature Astronomy</i> , 2017, 1, 865-871. | 4.2 | 53 |
| 59 | Ruling out a massive asymptotic giant-branch star as the progenitor of supernova 2005cs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 376, L52-L56. | 1.2 | 51 |
| 60 | SUPERNOVA 2009kf: AN ULTRAVIOLET BRIGHT TYPE IIP SUPERNOVA DISCOVERED WITH PAN-STARRS 1 AND GALEX. <i>Astrophysical Journal Letters</i> , 2010, 717, L52-L56. | 3.0 | 51 |
| 61 | THE DESTRUCTION OF THE CIRCUMSTELLAR RING OF SN 1987A. <i>Astrophysical Journal Letters</i> , 2015, 806, L19. | 3.0 | 51 |
| 62 | A late-time view of the progenitors of five Type IIP supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 938-958. | 1.6 | 50 |
| 63 | Interacting supernovae and supernova impostors. LSQ13zm: an outburst heralds the death of a massive star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1039-1059. | 1.6 | 50 |
| 64 | Supernovae 2016bdu and 2005gl, and their link with SN 2009ip-like transients: another piece of the puzzle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 197-218. | 1.6 | 50 |
| 65 | The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , 2017, 836, L12. | 3.0 | 49 |
| 66 | THREE-DIMENSIONAL DISTRIBUTION OF EJECTA IN SUPERNOVA 1987A AT 10,000 DAYS. <i>Astrophysical Journal</i> , 2016, 833, 147. | 1.6 | 48 |
| 67 | Science Programs for a 2-m Class Telescope at Dome C, Antarctica: PILOT, the Pathfinder for an International Large Optical Telescope. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 199-235. | 1.3 | 45 |
| 68 | The Birth Place of the Type Ic Supernova 2007gr. <i>Astrophysical Journal</i> , 2008, 672, L99-L102. | 1.6 | 45 |
| 69 | THE MORPHOLOGY OF THE EJECTA IN SUPERNOVA 1987A: A STUDY OVER TIME AND WAVELENGTH. <i>Astrophysical Journal</i> , 2013, 768, 89. | 1.6 | 45 |
| 70 | A new precise mass for the progenitor of the Type IIP SN 2008bk. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1577-1592. | 1.6 | 45 |
| 71 | SN 2009ip at late times – an interacting transient at +2.5 years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3887-3906. | 1.6 | 45 |
| 72 | Adaptive Optics Discovery of Supernova 2004ip in the Nuclear Regions of the Luminous Infrared Galaxy IRAS 18293-3413. <i>Astrophysical Journal</i> , 2007, 659, L9-L12. | 1.6 | 44 |

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|----|---|-----|-----------|
| 73 | Extending the supernova Hubble diagram to $z \sim 1.5$ with the Euclid space mission. <i>Astronomy and Astrophysics</i> , 2014, 572, A80. | 2.1 | 44 |
| 74 | Discovery of a Very Highly Extinguished Supernova in a Luminous Infrared Galaxy. <i>Astrophysical Journal</i> , 2008, 689, L97-L100. | 1.6 | 43 |
| 75 | The rate of supernovae at redshift $0.1 \leq z < 1.0$. <i>Astronomy and Astrophysics</i> , 2012, 545, A96. | 2.1 | 42 |
| 76 | On the triple peaks of SNHunt248 in NGC 5806. <i>Astronomy and Astrophysics</i> , 2015, 581, L4. | 2.1 | 41 |
| 77 | On the nature of the progenitors of three Type II-P supernovae: 2004et, 2006my and 2006ov. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2767-2786. | 1.6 | 40 |
| 78 | GALEX AND PAN-STARRS1 DISCOVERY OF SN IIP 2010aq: THE FIRST FEW DAYS AFTER SHOCK BREAKOUT IN A RED SUPERGIANT STAR. <i>Astrophysical Journal Letters</i> , 2010, 720, L77-L81. | 3.0 | 39 |
| 79 | Gaia16apd – a link between fast and slowly declining type I superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1246-1258. | 1.6 | 39 |
| 80 | Whatever happened to the progenitors of supernovae 2008cn, 2009kr and 2009md? – <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3207-3217. | 1.6 | 38 |
| 81 | ASpitzer Space Telescope Study of SN 2002hh: An Infrared Echo from a Type IIP Supernova. <i>Astrophysical Journal</i> , 2006, 649, 332-344. | 1.6 | 37 |
| 82 | Adaptive optics imaging and optical spectroscopy of a multiple merger in a luminous infrared galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 886-906. | 1.6 | 37 |
| 83 | Star formation and nuclear activity in luminous infrared galaxies: an infrared through radio review. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1. | 9.1 | 36 |
| 84 | The 30 Year Search for the Compact Object in SN 1987A. <i>Astrophysical Journal</i> , 2018, 864, 174. | 1.6 | 34 |
| 85 | DISCOVERY OF TWO SUPERNOVAE IN THE NUCLEAR REGIONS OF THE LUMINOUS INFRARED GALAXY IC 883. <i>Astrophysical Journal Letters</i> , 2012, 744, L19. | 3.0 | 33 |
| 86 | Accretion disc cooling and narrow absorption lines in the tidal disruption event AT2019dsg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 792-815. | 1.6 | 30 |
| 87 | Core-collapse supernovae in low-metallicity environments and future all-sky transient surveys. <i>Astronomy and Astrophysics</i> , 2008, 489, 359-375. | 2.1 | 30 |
| 88 | AT2017gbl: a dust obscured TDE candidate in a luminous infrared galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2167-2195. | 1.6 | 29 |
| 89 | The long-lived Type IIIn SN 2015da: Infrared echoes and strong interaction within an extended massive shell. <i>Astronomy and Astrophysics</i> , 2020, 635, A39. | 2.1 | 29 |
| 90 | SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. <i>Astrophysical Journal Letters</i> , 2018, 854, L14. | 3.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | The K-band luminosity functions of super star clusters in luminous infrared galaxies, their slopes and the effects of blending. Monthly Notices of the Royal Astronomical Society, 2013, 431, 554-569. | 1.6 | 27 |
| 92 | High resolution spectroscopy of the inner ring of SN 1987A. Astronomy and Astrophysics, 2008, 479, 761-777. | 2.1 | 26 |
| 93 | THE POSSIBLE DETECTION OF A BINARY COMPANION TO A TYPE IBN SUPERNOVA PROGENITOR. Astrophysical Journal, 2016, 833, 128. | 1.6 | 26 |
| 94 | Star formation and AGN activity in a sample of local luminous infrared galaxies through multiwavelength characterization. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1634-1651. | 1.6 | 26 |
| 95 | The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. Nature Astronomy, 2018, 2, 574-579. | 4.2 | 26 |
| 96 | The core-collapse supernova rate in Arp299 revisited. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2688-2698. | 1.6 | 25 |
| 97 | NEAR-INFRARED ADAPTIVE OPTICS IMAGING OF INFRARED LUMINOUS GALAXIES: THE BRIGHTEST CLUSTER MAGNITUDE-STAR FORMATION RATE RELATION. Astrophysical Journal Letters, 2013, 775, L38. | 3.0 | 25 |
| 98 | Highly extinguished supernovae in the nuclear regions of starburst galaxies. New Astronomy Reviews, 2004, 48, 595-600. | 5.2 | 24 |
| 99 | Optical follow-up of the tidal disruption event iPTF16fnl: new insights from X-shooter observations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1463-1480. | 1.6 | 23 |
| 100 | A progenitor candidate for the type II-P supernova SN 2018aoq in NGC 4151. Astronomy and Astrophysics, 2019, 622, L1. | 2.1 | 23 |
| 101 | SN 2016coi (ASASSN-16fp): An Energetic H-stripped Core-collapse Supernova from a Massive Stellar Progenitor with Large Mass Loss. Astrophysical Journal, 2019, 883, 147. | 1.6 | 22 |
| 102 | Discovery and follow-up of the unusual nuclear transient OGLE17aaj. Astronomy and Astrophysics, 2019, 622, L2. | 2.1 | 22 |
| 103 | The nature of supernovae 2010O and 2010P in Arp299 â€“ I. Near-infrared and optical evolution. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1052-1066. | 1.6 | 21 |
| 104 | First results from GeMS/GSAOI for project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5641-5657. | 1.6 | 21 |
| 105 | The Matter Beyond the Ring: The Recent Evolution of SN 1987A Observed by the Hubble Space Telescope. Astrophysical Journal, 2019, 886, 147. | 1.6 | 21 |
| 106 | Constraining the mass of the GRB 030329 progenitor. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1227-1236. | 1.6 | 20 |
| 107 | Spatial distributions of core-collapse supernovae in infrared-bright galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3464-3479. | 1.6 | 20 |
| 108 | The nature of supernovae 2010O and 2010P in Arp299 â€“ II. Radio emission. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1067-1079. | 1.6 | 20 |

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|-----|---|-----|-----------|
| 109 | Core-collapse supernova progenitor constraints using the spatial distributions of massive stars in local galaxies. <i>Astronomy and Astrophysics</i> , 2017, 597, A92. | 2.1 | 20 |
| 110 | Supernovae and radio transients in M82. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2050-2062. | 1.6 | 19 |
| 111 | SN 2005at $\hat{=}$ A neglected type Ic supernova at 10 Mpc. <i>Astronomy and Astrophysics</i> , 2014, 572, A75. | 2.1 | 19 |
| 112 | Transient-optimized real-bogus classification with Bayesian convolutional neural networks $\hat{=}$ sifting the GOTO candidate stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4838-4854. | 1.6 | 19 |
| 113 | The host galaxies of Type Ia supernovae at $z = 0.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, L17-L21. | 1.6 | 18 |
| 114 | Radio monitoring of NGC 7469: late-time radio evolution of SN 2000ft and the circumnuclear starburst in NGC 7469. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 1641-1649. | 1.6 | 18 |
| 115 | Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 323-346. | 1.6 | 18 |
| 116 | The Gravitational-wave Optical Transient Observer (GOTO): prototype performance and prospects for transient science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2405-2422. | 1.6 | 18 |
| 117 | Radio Detection of Supernova 2004ip in the Circumnuclear Region of the Luminous Infrared Galaxy IRAS 18293-3413. <i>Astrophysical Journal</i> , 2007, 671, L21-L24. | 1.6 | 17 |
| 118 | Phantom-based evaluation of geometric distortions in functional magnetic resonance and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 754-763. | 1.9 | 17 |
| 119 | A Pair of Leading Spiral Arms in a Luminous Infrared Galaxy?. <i>Astrophysical Journal</i> , 2008, 689, L37-L40. | 1.6 | 17 |
| 120 | Extreme variability in an active galactic nucleus: Gaia16aax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 477-495. | 1.6 | 17 |
| 121 | Light-curve classification with recurrent neural networks for GOTO: dealing with imbalanced data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4345-4361. | 1.6 | 17 |
| 122 | The Most Rapidly Declining Type I Supernova 2019bkc/ATLAS19dqr. <i>Astrophysical Journal Letters</i> , 2020, 889, L6. | 3.0 | 16 |
| 123 | Intermediate-luminosity red transients: Spectrophotometric properties and connection to electron-capture supernova explosions. <i>Astronomy and Astrophysics</i> , 2021, 654, A157. | 2.1 | 16 |
| 124 | Time-varying sodium absorption in the Type Ia supernova 2013gh. <i>Astronomy and Astrophysics</i> , 2016, 592, A40. | 2.1 | 14 |
| 125 | The double-peaked Type Ic supernova 2019cad: another SN $\hat{=}$ 2005bf-like object. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4907-4922. | 1.6 | 13 |
| 126 | Low-luminosity Type II supernovae $\hat{=}$ III. SN 2018hwm, a faint event with an unusually long plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1059-1071. | 1.6 | 13 |

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|-----|---|-----|-----------|
| 127 | SN 1999ga: a low-luminosity linear type II supernova?. <i>Astronomy and Astrophysics</i> , 2009, 500, 1013-1023. | 2.1 | 12 |
| 128 | e-MERLIN and VLBI observations of the luminous infrared galaxy IC 883: a nuclear starburst and an AGN candidate revealed. <i>Astronomy and Astrophysics</i> , 2012, 543, A72. | 2.1 | 12 |
| 129 | Strongly Bipolar Inner Ejecta of the Normal Type IIP Supernova ASASSN-16at. <i>Astrophysical Journal Letters</i> , 2019, 873, L3. | 3.0 | 12 |
| 130 | Machine learning for transient recognition in difference imaging with minimum sampling effort. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6009-6017. | 1.6 | 9 |
| 131 | SN 2016gsd: an unusually luminous and linear Type II supernova with high velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1761-1781. | 1.6 | 9 |
| 132 | SOXS: a wide band spectrograph to follow up transients. , 2018, , . | | 9 |
| 133 | The mechanical design of SOXS for the NTT. , 2018, , . | | 9 |
| 134 | Shutting down or powering up a (U)LIRG? Merger components in distinctly different evolutionary states in IRAS 19115-2124 (the Bird). <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2059-2076. | 1.6 | 8 |
| 135 | Revisiting the progenitor of the low-luminosity type II-plateau supernova, SN 2008bk. <i>Astronomy and Astrophysics</i> , 2021, 645, L7. | 2.1 | 8 |
| 136 | <i>Gaia</i> transient detection efficiency: hunting for nuclear transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 603-617. | 1.6 | 7 |
| 137 | Detection efficiency and photometry in supernova surveys. <i>Astronomy and Astrophysics</i> , 2008, 490, 419-434. | 2.1 | 7 |
| 138 | MITS: the Multi-Imaging Transient Spectrograph for SOXS. , 2018, , . | | 7 |
| 139 | The common path of SOXS (Son of X-Shooter). , 2018, , . | | 7 |
| 140 | The First Data Release of CNi0.02 A Complete Nearby (Redshift $\lt; 0.02$) Sample of Type Ia Supernova Light Curves*. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 53. | 3.0 | 7 |
| 141 | The morphology of the ejecta of SN 1987A at 31 Åyr from 1150 to 10 Å. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2977-2993. | 1.6 | 7 |
| 142 | The discovery and classification of 16 supernovae at high redshifts in ELAIS-S1. <i>Astronomy and Astrophysics</i> , 2011, 532, A29. | 2.1 | 6 |
| 143 | AT 2017be - a new member of the class of Intermediate-Luminosity Red Transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , . | 1.6 | 6 |
| 144 | ASASSN-18am/SN 2018gk: an overluminous Type IIb supernova from a massive progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3472-3491. | 1.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | The assembly integration and test activities for the new SOXS instrument at NTT. , 2018, , . | | 6 |
| 146 | Direct Evidence of Two-component Ejecta in Supernova 2016gkg from Nebular Spectroscopy*. Astrophysical Journal, 2020, 902, 139. | 1.6 | 6 |
| 147 | SN 2013ai: A Link between Hydrogen-rich and Hydrogen-poor Core-collapse Supernovae. Astrophysical Journal, 2021, 909, 145. | 1.6 | 5 |
| 148 | The acquisition camera system for SOXS at NTT. , 2018, , . | | 5 |
| 149 | Progress on the UV-VIS arm of SOXS. , 2020, , . | | 5 |
| 150 | Supernovae interacting with a circumstellar medium: New observations with Xâ€šshooter. Astronomische Nachrichten, 2011, 332, 266-271. | 0.6 | 4 |
| 151 | The new SOXS instrument for the ESO NTT. Proceedings of SPIE, 2016, , . | 0.8 | 4 |
| 152 | Unveiling the AGN in ICÂ883: discovery of a parsec-scale radio jet. Monthly Notices of the Royal Astronomical Society, 0, , stx224. | 1.6 | 4 |
| 153 | Unraveling the Infrared Transient VVV-WIT-06: The Case for the Origin as a Classical Nova*. Astrophysical Journal, 2018, 867, 99. | 1.6 | 4 |
| 154 | Core-collapse supernova subtypes in luminous infrared galaxies. Astronomy and Astrophysics, 2021, 649, A134. | 2.1 | 4 |
| 155 | SOXS control electronics design. , 2018, , . | | 4 |
| 156 | Optical design of the SOXS spectrograph for ESO NTT. , 2018, , . | | 4 |
| 157 | The VIS detector system of SOXS. , 2018, , . | | 4 |
| 158 | Development status of the SOXS spectrograph for the ESO-NTT telescope. , 2020, , . | | 4 |
| 159 | Progenitor constraints for core-collapse supernovae from<i>Chandra</i>X-ray observations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1107-1123. | 1.6 | 3 |
| 160 | Searching for <i>Fermi</i> GRB optical counterparts with the prototype Gravitational-wave Optical Transient Observer (GOTO). Monthly Notices of the Royal Astronomical Society, 2021, 507, 5463-5476. | 1.6 | 3 |
| 161 | Brains and Phantoms: An ICA Study of fMRI. Lecture Notes in Computer Science, 2006, , 503-510. | 1.0 | 3 |
| 162 | Architecture of the SOXS instrument control software. , 2018, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Design and development of the SOXS calibration unit. , 2020, , . | | 3 |
| 164 | Manufacturing, integration, and mechanical verification of SOXS. , 2020, , . | | 3 |
| 165 | SOXS end-to-end simulator: development and applications for pipeline design. , 2020, , . | | 3 |
| 166 | Development status of the UV-VIS detector system of SOXS for the ESO-NTT telescope. , 2020, , . | | 3 |
| 167 | The SOXS data-reduction pipeline. , 2020, , . | | 2 |
| 168 | Final design and development status of the acquisition and guiding system for SOXS. , 2020, , . | | 2 |
| 169 | The AIV strategy of the common path of Son Of X-Shooter. , 2020, , . | | 2 |
| 170 | SOXS: effects on optical performances due to gravity flexures, temperature variations, and subsystems alignment. , 2020, , . | | 2 |
| 171 | MICADO PSF-reconstruction work package description. , 2020, , . | | 2 |
| 172 | Progress and tests on the instrument control electronics for SOXS. , 2020, , . | | 2 |
| 173 | The development status of the NIR Arm of the new SoXS instrument at the ESO/NTT telescope. , 2020, , . | | 2 |
| 174 | Obscured Supernovae in Starburst Galaxies. Proceedings of the International Astronomical Union, 2006, 2, 323-323. | 0.0 | 1 |
| 175 | Central regions of LIRGs: rings, hidden starbursts, Supernovae and star clusters. Journal of Physics: Conference Series, 2012, 372, 012045. | 0.3 | 1 |
| 176 | Supernovae and extragalactic astronomy with laser guide star adaptive optics. , 2014, , . | | 1 |
| 177 | Processing GOTO data with the Rubin Observatory LSST Science Pipelines I: Production of coadded frames. Publications of the Astronomical Society of Australia, 2021, 38, . | 1.3 | 1 |
| 178 | The NIR spectrograph for the new SOXS instrument at the NTT. , 2018, , . | | 1 |
| 179 | Development status of the SOXS instrument control software. , 2020, , . | | 1 |
| 180 | Off-nuclear starburst in a triple merger. Proceedings of the International Astronomical Union, 2012, 8, 338-338. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | First results from Project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. Proceedings of the International Astronomical Union, 2016, 12, 416-416. | 0.0 | 0 |
| 182 | High angular resolution radio and infrared view of optically dark supernovae in luminous infrared galaxies. Proceedings of the International Astronomical Union, 2016, 12, 332-336. | 0.0 | 0 |
| 183 | A Dust-Enshrouded Tidal Disruption Event in a Luminous Infrared Galaxy. Proceedings of the International Astronomical Union, 2017, 14, 65-65. | 0.0 | 0 |
| 184 | First Results from Project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. Proceedings of the International Astronomical Union, 2017, 14, 322-322. | 0.0 | 0 |
| 185 | Evaluating the Fraction of Obscured Supernovae in Luminous Infrared Galaxies with Adaptive Optics Surveys. Proceedings of the International Astronomical Union, 2017, 14, 335-335. | 0.0 | 0 |
| 186 | A New Population of Highly Energetic Nuclear Transients. Proceedings of the International Astronomical Union, 2017, 14, 131-134. | 0.0 | 0 |
| 187 | Nuclear Transients. Proceedings of the International Astronomical Union, 2017, 14, 263-268. | 0.0 | 0 |
| 188 | Super Star Clusters in IR-Luminous Interacting Galaxies: The NIR Luminosity Function. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 251-254. | 0.3 | 0 |
| 189 | The SUNBIRD survey: the <i>K</i> -band luminosity functions of young massive clusters in intensely star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 0, , . | 1.6 | 0 |