# Ryan Foley

## List of PR Articles by Year in descending order

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|---|---|---|---|
| 323<br>PR articles | 35,859<br>PR citations | 1355<br>95<br>PR h-index | 1995<br>184<br>g-index |
| 328<br>documents | 38447<br>doc citations | 1807<br>99<br>h-index | 13238<br>citing authors |

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| 1 | Predictions for electromagnetic counterparts to Neutron Star mergers discovered during LIGO-Virgo-KAGRA observing runs 4 and 5. Monthly Notices of the Royal Astronomical Society, 2024, 528, 1109-1124. | 4.7 | 9 |
| 2 | Strong Carbon Features and a Red Early Color in the Underluminous Type Ia SN 2022xkq. Astrophysical Journal, 2024, 960, 29. | 5.2 | 9 |
| 3 | Ground-based and JWST Observations of SN 2022pul. I. Unusual Signatures of Carbon, Oxygen, and Circumstellar Interaction in a Peculiar Type Ia Supernova. Astrophysical Journal, 2024, 960, 88. | 5.2 | 21 |
| 4 | Anomaly Detection and Approximate Similarity Searches of Transients in Real-time Data Streams. Astrophysical Journal, 2024, 974, 172. | 5.2 | 9 |
| 5 | Revealing the Progenitor of SN 2021zby through Analysis of the TESS Shock-cooling Light Curve. Astrophysical Journal Letters, 2023, 943, L15. | 11.4 | 5 |
| 6 | A JWST Near- and Mid-infrared Nebular Spectrum of the Type Ia Supernova 2021aefx. Astrophysical Journal Letters, 2023, 944, L3. | 11.4 | 30 |
| 7 | The Optical Light Curve of GRB 221009A: The Afterglow and the Emerging Supernova. Astrophysical Journal Letters, 2023, 946, L22. | 11.4 | 37 |
| 8 | A magnified compact galaxy at redshift 9.51 with strong nebular emission lines. Science, 2023, 380, 416-420. | 36.4 | 90 |
| 9 | The Young Supernova Experiment Data Release 1 (YSE DR1): Light Curves and Photometric Classification of 1975 Supernovae. Astrophysical Journal, Supplement Series, 2023, 266, 9. | 8.1 | 39 |
| 10 | AGN STORM 2. II. Ultraviolet Observations of Mrk 817 with the Cosmic Origins Spectrograph on the Hubble Space Telescope*. Astrophysical Journal, 2023, 948, 85. | 5.2 | 14 |
| 11 | The Type II-P Supernova 2019mhm and Constraints on its Progenitor System. Astrophysical Journal, 2023, 949, 75. | 5.2 | 3 |
| 12 | Near-infrared and Optical Observations of Type Ic SN 2021krf: Luminous Late-time Emission and Dust Formation. Astrophysical Journal, 2023, 950, 14. | 5.2 | 7 |
| 13 | YSE-PZ: A Transient Survey Management Platform that Empowers the Human-in-the-loop. Publications of the Astronomical Society of the Pacific, 2023, 135, 064501. | 7.1 | 41 |
| 14 | Propagating Uncertainties in the SALT3 Model-training Process to Cosmological Constraints. Astrophysical Journal, Supplement Series, 2023, 267, 1. | 8.1 | 2 |
| 15 | Supernova 2020wnt: An Atypical Superluminous Supernova with a Hidden Central Engine. Astrophysical Journal, 2023, 951, 34. | 5.2 | 10 |
| 16 | A Spectroscopic Model of the Type Ia Supernovaâ€“Host-galaxy Mass Correlation from SALT3. Astrophysical Journal, 2023, 951, 22. | 5.2 | 8 |
| 17 | Constraints on the Hubble constant from supernova Refsdalâ€™s reappearance. Science, 2023, 380, . | 36.4 | 94 |
| 18 | The Magnificent Five Images of Supernova Refsdal: Time Delay and Magnification Measurements. Astrophysical Journal, 2023, 948, 93. | 5.2 | 30 |

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| 19 | SN 2022ann: a Type Icn supernova from a dwarf galaxy that reveals helium in its circumstellar environment. Monthly Notices of the Royal Astronomical Society, 2023, 523, 2530-2550. | 4.7 | 22 |
| 20 | SN 2023ixf in Messier 101: A Variable Red Supergiant as the Progenitor Candidate to a Type II Supernova. Astrophysical Journal Letters, 2023, 952, L23. | 11.4 | 85 |
| 21 | Observational Properties of a Bright Type Iax SN 2018cni and a Faint Type Iax SN 2020kyg. Astrophysical Journal, 2023, 953, 93. | 5.2 | 4 |
| 22 | Over 500 Days in the Life of the Photosphere of the Type Iax Supernova SN 2014dt. Astrophysical Journal, 2023, 951, 67. | 5.2 | 9 |
| 23 | SN 2023ixf in Messier 101: Photo-ionization of Dense, Close-in Circumstellar Material in a Nearby Type II Supernova. Astrophysical Journal Letters, 2023, 954, L42. | 11.4 | 101 |
| 24 | Late-time Hubble Space Telescope Observations of AT 2018cow. I. Further Constraints on the Fading Prompt Emission and Thermal Properties 50â€“60 days Post-discovery. Astrophysical Journal, 2023, 955, 42. | 5.2 | 8 |
| 25 | Late-time Hubble Space Telescope Observations of AT 2018cow. II. Evolution of a UV-bright Underlying Source 2â€“4 Yr Post-discovery. Astrophysical Journal, 2023, 955, 43. | 5.2 | 16 |
| 26 | Relative Intrinsic Scatter in Hierarchical Type Ia Supernova Sibling Analyses: Application to SNe 2021hpr, 1997bq, and 2008fv in NGC 3147. Astrophysical Journal, 2023, 956, 111. | 5.2 | 12 |
| 27 | An Asymmetric Double-degenerate Type Ia Supernova Explosion with a Surviving Companion Star. Astrophysical Journal, 2023, 958, 173. | 5.2 | 10 |
| 28 | Evolution of the Massâ€“Metallicity Relation from Redshift z â‰ˆ 8 to the Local Universe. Astrophysical Journal, 2023, 957, 39. | 5.2 | 49 |
| 29 | Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2777-2797. | 4.7 | 29 |
| 30 | Final Moments. I. Precursor Emission, Envelope Inflation, and Enhanced Mass Loss Preceding the Luminous Type II Supernova 2020tlf. Astrophysical Journal, 2022, 924, 15. | 5.2 | 127 |
| 31 | Still Brighter than Pre-explosion, SN 2012Z Did Not Disappear: Comparing Hubble Space Telescope Observations a Decade Apart. Astrophysical Journal, 2022, 925, 138. | 5.2 | 28 |
| 32 | The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. Astrophysical Journal, 2022, 926, 20. | 5.2 | 61 |
| 33 | An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. Astrophysical Journal, 2022, 924, 55. | 5.2 | 32 |
| 34 | The Renovated Thacher Observatory and First Science Results. Publications of the Astronomical Society of the Pacific, 2022, 134, 035005. | 7.1 | 12 |
| 35 | A Carbon/Oxygen-dominated Atmosphere Days after Explosion for the â€œSuper-Chandrasekharâ€•Type Ia SN 2020esm. Astrophysical Journal, 2022, 927, 78. | 5.2 | 27 |
| 36 | SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115. | 5.2 | 12 |

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| 37 | Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 260, 18. | 8.1 | 46 |
| 38 | The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58. | 5.2 | 28 |
| 39 | Cosmological Results from the RAISIN Survey: Using Type Ia Supernovae in the Near Infrared as a Novel Path to Measure the Dark Energy Equation of State. Astrophysical Journal, 2022, 933, 172. | 5.2 | 48 |
| 40 | Weak Mass Loss from the Red Supergiant Progenitor of the Type II SN 2021yja. Astrophysical Journal, 2022, 935, 31. | 5.2 | 35 |
| 41 | Updated Photometry of the Yellow Supergiant Progenitor and Late-time Observations of the Type IIb Supernova SN 2016gkg. Astrophysical Journal, 2022, 936, 111. | 5.2 | 19 |
| 42 | Ultraviolet Spectroscopy and TARDIS Models of the Broad-lined Type Ic Supernova 2014ad. Astrophysical Journal, 2022, 937, 40. | 5.2 | 8 |
| 43 | The Pantheon+ Analysis: Cosmological Constraints. Astrophysical Journal, 2022, 938, 110. | 5.2 | 940 |
| 44 | SALT3-NIR: Taking the Open-source Type Ia Supernova Model to Longer Wavelengths for Next-generation Cosmological Measurements. Astrophysical Journal, 2022, 939, 11. | 5.2 | 36 |
| 45 | The Pantheon+ Analysis: The Full Data Set and Light-curve Release. Astrophysical Journal, 2022, 938, 113. | 5.2 | 654 |
| 46 | Comparing inclination-dependent analyses of kilonova transients. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3057-3065. | 4.7 | 49 |
| 47 | The Landscape of Galaxies Harboring Changing-look Active Galactic Nuclei in the Local Universe. Astrophysical Journal Letters, 2021, 907, L21. | 11.4 | 29 |
| 48 | Late-time Observations of Calcium-rich Transient SN 2019ehk Reveal a Pure Radioactive Decay Power Source. Astrophysical Journal Letters, 2021, 908, L32. | 11.4 | 21 |
| 49 | Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. Astrophysical Journal, 2021, 908, 4. | 5.2 | 320 |
| 50 | Tidal Disruption Event Hosts Are Green and Centrally Concentrated: Signatures of a Post-merger System. Astrophysical Journal Letters, 2021, 908, L20. | 11.4 | 73 |
| 51 | A tidal disruption event coincident with a high-energy neutrino. Nature Astronomy, 2021, 5, 510-518. | 13.2 | 238 |
| 52 | A cool and inflated progenitor candidate for the Type Ib supernova 2019yvr at 2.6Âyr before explosion. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2073-2093. | 4.7 | 75 |
| 53 | Understanding Type Ia Supernova Distance Biases by Simulating Spectral Variations. Astrophysical Journal, 2021, 911, 96. | 5.2 | 8 |
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| 58 | Discovery of a Fast Iron Low-ionization Outflow in the Early Evolution of the Nearby Tidal Disruption Event AT 2019qiz. Astrophysical Journal, 2021, 917, 9. | 5.2 | 36 |
| 59 | AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary*<br>â€. Astrophysical Journal, 2021, 920, 127. | 5.2 | 5 |
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| 62 | SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. Astrophysical Journal, 2021, 923, 265. | 5.2 | 122 |
| 63 | The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. Astrophysical Journal, 2021, 923, 267. | 5.2 | 17 |
| 64 | SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). Astrophysical Journal, 2021, 923, 167. | 5.2 | 15 |
| 65 | A possible distance bias for type Ia supernovae with different ejecta velocities. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5713-5725. | 4.7 | 20 |
| 66 | Measuring the Hubble constant with a sample of kilonovae. Nature Communications, 2020, 11, . | 13.9 | 46 |
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| 76 | The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times. Astrophysical Journal, 2020, 898, 161. | 5.2 | 57 |
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| 79 | A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. Astrophysical Journal, 2020, 903, 75. | 5.2 | 11 |
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| 81 | SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. Astrophysical Journal, 2020, 905, 94. | 5.2 | 78 |
| 82 | Strong Calcium Emission Indicates that the Ultraviolet-flashing SN Ia 2019yvq Was the Result of a Sub-Chandrasekar-mass Double-detonation Explosion. Astrophysical Journal Letters, 2020, 900, L27. | 11.4 | 44 |
| 83 | Searches after Gravitational Waves Using ARizona Observatories (SAGUARO): System Overview and First Results from Advanced LIGO/Virgoâ€™s Third Observing Run. Astrophysical Journal Letters, 2019, 881, L26. | 11.4 | 56 |
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| 89 | The Long-term Evolution and Appearance of Type Iax Postgenitor Stars. Astrophysical Journal, 2019, 872, 29. | 5.2 | 23 |
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| 112 | The dusty progenitor star of the Type II supernova 2017eaw. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2536-2547. | 4.7 | 61 |
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