

Joshua Bloom

List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

25,850
citations

4370

86
h-index

7496

151
g-index

274
all docs

274
docs citations

274
times ranked

9601
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | GRB 191016A: The onset of the forward shock and evidence of late energy injection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 6205-6217. | 1.6 | 5 |
| 2 | HEALPix Alchemy: Fast All-Sky Geometry and Image Arithmetic in a Relational Database for Multimessenger Astronomy Brokers. <i>Astronomical Journal</i> , 2022, 163, 209. | 1.9 | 2 |
| 3 | Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 18. | 3.0 | 21 |
| 4 | A ubiquitous unifying degeneracy in two-body microlensing systems. <i>Nature Astronomy</i> , 2022, 6, 782-787. | 4.2 | 15 |
| 5 | In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40. | 1.6 | 3 |
| 6 | Modeling the Prompt Optical Emission of GRB 180325A: The Evolution of a Spike from the Optical to Gamma Rays. <i>Astrophysical Journal</i> , 2021, 908, 39. | 1.6 | 7 |
| 7 | deepCR on ACS/WFC: Cosmic-Ray Rejection for HST ACS/WFC Photometry. <i>Research Notes of the AAS</i> , 2021, 5, 98. | 0.3 | 2 |
| 8 | Classification of periodic variable stars with novel cyclic-permutation invariant neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 515-522. | 1.6 | 10 |
| 9 | Real-time Likelihood-free Inference of Roman Binary Microlensing Events with Amortized Neural Posterior Estimation. <i>Astronomical Journal</i> , 2021, 161, 262. | 1.9 | 15 |
| 10 | The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29. | 3.0 | 56 |
| 11 | The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star–Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021, 923, 258. | 1.6 | 19 |
| 12 | deepSIP: linking Type Ia supernova spectra to photometric quantities with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3553-3571. | 1.6 | 12 |
| 13 | deepCR: Cosmic Ray Rejection with Deep Learning. <i>Astrophysical Journal</i> , 2020, 889, 24. | 1.6 | 18 |
| 14 | GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star–Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131. | 1.6 | 74 |
| 15 | Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145. | 1.6 | 69 |
| 16 | On Neural Architectures for Astronomical Time-series Classification with Application to Variable Stars. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 30. | 3.0 | 22 |
| 17 | The case for a high-redshift origin of GRB 100205A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 902-909. | 1.6 | 3 |
| 18 | Revealing ferroelectric switching character using deep recurrent neural networks. <i>Nature Communications</i> , 2019, 10, 4809. | 5.8 | 34 |

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|----|--|-----|-----------|
| 19 | GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. <i>Astrophysical Journal Letters</i> , 2019, 881, L16. | 3.0 | 30 |
| 20 | GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Star–Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. <i>Astrophysical Journal Letters</i> , 2019, 881, L7. | 3.0 | 39 |
| 21 | The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1031-1049. | 1.6 | 136 |
| 22 | The volumetric rate of normal type Ia supernovae in the local Universe discovered by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2308-2320. | 1.6 | 30 |
| 23 | A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5294-5318. | 1.6 | 22 |
| 24 | GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. <i>Astrophysical Journal Letters</i> , 2019, 885, L19. | 3.0 | 86 |
| 25 | SkyPortal: An Astronomical Data Platform. <i>Journal of Open Source Software</i> , 2019, 4, 1247. | 2.0 | 29 |
| 26 | deepCR: Cosmic Ray Rejection with Deep Learning. <i>Journal of Open Source Software</i> , 2019, 4, 1651. | 2.0 | 3 |
| 27 | Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018, 855, 2. | 1.6 | 98 |
| 28 | A Near-infrared Period–Luminosity Relation for Miras in NGC 4258, an Anchor for a New Distance Ladder. <i>Astrophysical Journal</i> , 2018, 857, 67. | 1.6 | 56 |
| 29 | A recurrent neural network for classification of unevenly sampled variable stars. <i>Nature Astronomy</i> , 2018, 2, 151-155. | 4.2 | 94 |
| 30 | Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565. | 6.0 | 559 |
| 31 | A cosmic multimessenger gold rush. <i>Science</i> , 2017, 358, 301-302. | 6.0 | 4 |
| 32 | THE DETECTION RATE OF EARLY UV EMISSION FROM SUPERNOVAE: A DEDICATED GALEX/PTF SURVEY AND CALIBRATED THEORETICAL ESTIMATES. <i>Astrophysical Journal</i> , 2016, 820, 57. | 1.6 | 35 |
| 33 | LATE TIME MULTI-WAVELENGTH OBSERVATIONS OF SWIFT J1644+5734: A LUMINOUS OPTICAL/IR BUMP AND QUIESCENT X-RAY EMISSION. <i>Astrophysical Journal</i> , 2016, 819, 51. | 1.6 | 30 |
| 34 | OPTICAL AND NEAR-INFRARED OBSERVATIONS OF SN 2013DX ASSOCIATED WITH GRB 130702A. <i>Astrophysical Journal</i> , 2016, 818, 79. | 1.6 | 40 |
| 35 | The central engine of GRB 130831A and the energy breakdown of a relativistic explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1027-1042. | 1.6 | 21 |
| 36 | iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. <i>Astrophysical Journal Letters</i> , 2015, 803, L24. | 3.0 | 50 |

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|----|---|-----|-----------|
| 37 | HAPPY BIRTHDAY<i>SWIFT</i>: ULTRA-LONG GRB 141121A AND ITS BROADBAND AFTERGLOW. <i>Astrophysical Journal</i> , 2015, 812, 122. | 1.6 | 18 |
| 38 | CfAIR2: NEAR-INFRARED LIGHT CURVES OF 94 TYPE Ia SUPERNOVAE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 9. | 3.0 | 58 |
| 39 | Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , 2015, 578, A9. | 2.1 | 68 |
| 40 | A MACHINE-LEARNING METHOD TO INFER FUNDAMENTAL STELLAR PARAMETERS FROM PHOTOMETRIC LIGHT CURVES. <i>Astrophysical Journal</i> , 2015, 798, 122. | 1.6 | 35 |
| 41 | SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015, 799, 52. | 1.6 | 68 |
| 42 | IDENTIFYING HIGH-REDSHIFT GAMMA-RAY BURSTS WITH RATIR. <i>Astronomical Journal</i> , 2014, 148, 2. | 1.9 | 9 |
| 43 | MULTI-COLOR OPTICAL AND NEAR-INFRARED LIGHT CURVES OF 64 STRIPPED-ENVELOPE CORE-COLLAPSE SUPERNOVAE. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 19. | 3.0 | 118 |
| 44 | TYPE IIb SUPERNOVA SN 2011dh: SPECTRA AND PHOTOMETRY FROM THE ULTRAVIOLET TO THE NEAR-INFRARED. <i>Astrophysical Journal</i> , 2014, 781, 69. | 1.6 | 35 |
| 45 | Mid-infrared periodâ€“luminosity relations of RR Lyrae stars derived from the AllWISE Data Release. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 440, L96-L100. | 1.2 | 27 |
| 46 | Evidence for dust destruction from the early-time colour change of GRBÂ120119A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1810-1823. | 1.6 | 32 |
| 47 | A mid-infrared study of RR Lyrae stars with the Wide-field Infrared Survey Explorer all-sky data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 715-725. | 1.6 | 23 |
| 48 | The highly eccentric detached eclipsing binaries in ACVS and MACC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 343-353. | 1.6 | 7 |
| 49 | SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014, 785, 37. | 1.6 | 54 |
| 50 | PRECURSORS PRIOR TO TYPE II _n SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , 2014, 789, 104. | 1.6 | 175 |
| 51 | Optical follow-up observations of PTF10qts, a luminous broad-lined Type Ic supernova found by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2768-2779. | 1.6 | 21 |
| 52 | SN 2010jl: OPTICAL TO HARD X-RAY OBSERVATIONS REVEAL AN EXPLOSION EMBEDDED IN A TEN SOLAR MASS COCOON. <i>Astrophysical Journal</i> , 2014, 781, 42. | 1.6 | 110 |
| 53 | A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qej AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2014, 782, 42. | 1.6 | 76 |
| 54 | A CONTINUUM OF H- TO He-RICH TIDAL DISRUPTION CANDIDATES WITH A PREFERENCE FOR E+A GALAXIES. <i>Astrophysical Journal</i> , 2014, 793, 38. | 1.6 | 332 |

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|----|--|------|-----------|
| 55 | THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014, 784, L12. | 3.0 | 104 |
| 56 | Astrophysical applications of machine learning at scale and under duress. , 2014, , . | | 0 |
| 57 | On the nature of the "hostless" short GRBs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1495-1510. | 1.6 | 65 |
| 58 | The host of the SN-less GRB 060505 in high resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2034-2048. | 1.6 | 37 |
| 59 | LATE-TIME RADIO EMISSION FROM X-RAY-SELECTED TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2013, 763, 84. | 1.6 | 61 |
| 60 | An outburst from a massive star 40 days before a supernova explosion. <i>Nature</i> , 2013, 494, 65-67. | 13.7 | 183 |
| 61 | TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 3. | 3.0 | 180 |
| 62 | Using machine learning for discovery in synoptic survey imaging data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1047-1060. | 1.6 | 93 |
| 63 | SN 2000cx and SN 2013bh: extremely rare, nearly twin Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1225-1237. | 1.6 | 17 |
| 64 | SN 2011ht: confirming a class of interacting supernovae with plateau light curves (Type II _n -P). <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2599-2611. | 1.6 | 86 |
| 65 | An early and comprehensive millimetre and centimetre wave and X-ray study of SN 2011dh: a non-equipartition blast wave expanding into a massive stellar wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1258-1267. | 1.6 | 64 |
| 66 | Five new outbursting AM CVn systems discovered by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 996-1007. | 1.6 | 24 |
| 67 | HIGHLY VARIABLE EXTINCTION AND ACCRETION IN THE JET-DRIVING CLASS I-TYPE YOUNG STAR PTF 10nvg (V2492 Cyg, IRAS 20496+4354). <i>Astronomical Journal</i> , 2013, 145, 59. | 1.9 | 48 |
| 68 | MILLIONS OF MULTIPLES: DETECTING AND CHARACTERIZING CLOSE-SEPARATION BINARY SYSTEMS IN SYNOPTIC SKY SURVEYS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 18. | 3.0 | 16 |
| 69 | DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013, 775, L7. | 3.0 | 169 |
| 70 | A POPULATION OF MASSIVE, LUMINOUS GALAXIES HOSTING HEAVILY DUST-OBSCURED GAMMA-RAY BURSTS: IMPLICATIONS FOR THE USE OF GRBs AS TRACERS OF COSMIC STAR FORMATION. <i>Astrophysical Journal</i> , 2013, 778, 128. | 1.6 | 160 |
| 71 | A STUDY OF THE DIVERSE T DWARF POPULATION REVEALED BY <i>WISE</i> . <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 6. | 3.0 | 107 |
| 72 | AN INDEPENDENT MEASUREMENT OF THE INCIDENCE OF Mg II ABSORBERS ALONG GAMMA-RAY BURST SIGHT LINES: THE END OF THE MYSTERY?. <i>Astrophysical Journal</i> , 2013, 773, 82. | 1.6 | 13 |

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|----|--|-----|-----------|
| 73 | GEMINI SPECTROSCOPY OF THE SHORT-HARD GAMMA-RAY BURST GRB 130603B AFTERGLOW AND HOST GALAXY. <i>Astrophysical Journal</i> , 2013, 777, 94. | 1.6 | 40 |
| 74 | DISCOVERY OF A COSMOLOGICAL, RELATIVISTIC OUTBURST VIA ITS RAPIDLY FADING OPTICAL EMISSION. <i>Astrophysical Journal</i> , 2013, 769, 130. | 1.6 | 71 |
| 75 | DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg ² : iPTF13bxl AND GRB 130702A. <i>Astrophysical Journal Letters</i> , 2013, 776, L34. | 3.0 | 52 |
| 76 | THE <i>SWIFT</i> /BAT HARD X-RAY TRANSIENT MONITOR. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 14. | 3.0 | 428 |
| 77 | Nearby M, L, and T Dwarfs Discovered by the <i>Wide-field Infrared Survey Explorer</i> (<i>WISE</i>). <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 809-837. | 1.0 | 59 |
| 78 | X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. <i>Astrophysical Journal</i> , 2013, 763, 42. | 1.6 | 61 |
| 79 | CONSTRUCTION OF A CALIBRATED PROBABILISTIC CLASSIFICATION CATALOG: APPLICATION TO 50k VARIABLE SOURCES IN THE ALL-SKY AUTOMATED SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 32. | 3.0 | 86 |
| 80 | PTF 11kx: A Type Ia Supernova with a Symbiotic Nova Progenitor. <i>Science</i> , 2012, 337, 942-945. | 6.0 | 282 |
| 81 | THE PTF ORION PROJECT: A POSSIBLE PLANET TRANSITING A T-TAURI STAR. <i>Astrophysical Journal</i> , 2012, 755, 42. | 1.6 | 97 |
| 82 | CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 755, 161. | 1.6 | 174 |
| 83 | THE LUMINOUS INFRARED HOST GALAXY OF SHORT-DURATION GRB 100206A. <i>Astrophysical Journal</i> , 2012, 758, 122. | 1.6 | 37 |
| 84 | DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012, 760, L33. | 3.0 | 42 |
| 85 | The GRB–supernova connection. , 2012, , 169-190. | | 121 |
| 86 | EVIDENCE FOR A COMPACT WOLF-RAYET PROGENITOR FOR THE TYPE Ic SUPERNOVA PTF 10vgv. <i>Astrophysical Journal Letters</i> , 2012, 747, L5. | 3.0 | 36 |
| 87 | RAPID, MACHINE-LEARNED RESOURCE ALLOCATION: APPLICATION TO HIGH-REDSHIFT GAMMA-RAY BURST FOLLOW-UP. <i>Astrophysical Journal</i> , 2012, 746, 170. | 1.6 | 12 |
| 88 | THE PROPERTIES OF THE 2175 Å... EXTINCTION FEATURE DISCOVERED IN GRB AFTERGLOWS. <i>Astrophysical Journal</i> , 2012, 753, 82. | 1.6 | 61 |
| 89 | THREE NEW ECLIPSING WHITE-DWARF-M-DWARF BINARIES DISCOVERED IN A SEARCH FOR TRANSITING PLANETS AROUND M-DWARFS. <i>Astrophysical Journal</i> , 2012, 757, 133. | 1.6 | 41 |
| 90 | SWIFT J2058.4+0516: DISCOVERY OF A POSSIBLE SECOND RELATIVISTIC TIDAL DISRUPTION FLARE?. <i>Astrophysical Journal</i> , 2012, 753, 77. | 1.6 | 288 |

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|-----|---|-----|-----------|
| 91 | DISCOVERY OF BRIGHT GALACTIC R CORONAE BOREALIS AND DY PERSEI VARIABLES: RARE GEMS MINED FROM ACVS. <i>Astrophysical Journal</i> , 2012, 755, 98. | 1.6 | 17 |
| 92 | THE FREQUENCY OF DEBRIS DISKS AT WHITE DWARFS. <i>Astrophysical Journal</i> , 2012, 760, 26. | 1.6 | 82 |
| 93 | CLASSICAL NOVAE IN ANDROMEDA: LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY AND GALEX. <i>Astrophysical Journal</i> , 2012, 752, 133. | 1.6 | 46 |
| 94 | A COMPACT DEGENERATE PRIMARY-STAR PROGENITOR OF SN 2011fe. <i>Astrophysical Journal Letters</i> , 2012, 744, L17. | 3.0 | 251 |
| 95 | Automating Discovery and Classification of Transients and Variable Stars in the Synoptic Survey Era. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1175-1196. | 1.0 | 141 |
| 96 | Berkeley Supernova Ia Program - I. Observations, data reduction and spectroscopic sample of 582 low-redshift Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1789-1818. | 1.6 | 262 |
| 97 | An empirical relation between sodium absorption and dust extinction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1465-1474. | 1.6 | 330 |
| 98 | A Bayesian approach to calibrating period-luminosity relations of RR Lyrae stars in the mid-infrared. <i>Astrophysics and Space Science</i> , 2012, 341, 83-87. | 0.5 | 4 |
| 99 | Optimizing Automated Classification of Variable Stars in New Synoptic Surveys. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 280-295. | 1.0 | 15 |
| 100 | Software solution for autonomous observations with H2RG detectors and SIDECAR ASICs for the RATIR camera. <i>Proceedings of SPIE</i> , 2012, , . | 0.8 | 7 |
| 101 | Automation of the OAN/SPM 1.5-meter Johnson telescope for operations with RATIR. <i>Proceedings of SPIE</i> , 2012, , . | 0.8 | 32 |
| 102 | ACTIVE LEARNING TO OVERCOME SAMPLE SELECTION BIAS: APPLICATION TO PHOTOMETRIC VARIABLE STAR CLASSIFICATION. <i>Astrophysical Journal</i> , 2012, 744, 192. | 1.6 | 56 |
| 103 | SN 2010jp (PTF10aaxi): a jet in a Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1135-1144. | 1.6 | 51 |
| 104 | PTF10iya: a short-lived, luminous flare from the nuclear region of a star-forming galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2684-2699. | 1.6 | 78 |
| 105 | The dark GRB 080207 in an extremely red host and the implications for gamma-ray bursts in highly obscured environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, , no-no. | 1.6 | 22 |
| 106 | MID-INFRARED PERIOD-LUMINOSITY RELATIONS OF RR LYRAE STARS DERIVED FROM THE WISE PRELIMINARY DATA RELEASE. <i>Astrophysical Journal</i> , 2011, 738, 185. | 1.6 | 21 |
| 107 | Technical and Observational Challenges for Future Time-Domain Surveys. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 165-170. | 0.0 | 0 |
| 108 | SN 2010jp (PTF10aaxi): A Jet-driven Type II Supernova. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 159-166. | 0.0 | 0 |

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|-----|--|------|-----------|
| 109 | EVIDENCE FOR AN FU ORIONIS-LIKE OUTBURST FROM A CLASSICAL T TAURI STAR. <i>Astrophysical Journal</i> , 2011, 730, 80. | 1.6 | 79 |
| 110 | PTF 10bzf (SN 2010ah): A BROAD-LINE Ic SUPERNOVA DISCOVERED BY THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2011, 741, 76. | 1.6 | 33 |
| 111 | SN 2011dh: DISCOVERY OF A TYPE IIb SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , 2011, 742, L18. | 3.0 | 156 |
| 112 | ON MACHINE-LEARNED CLASSIFICATION OF VARIABLE STARS WITH SPARSE AND NOISY TIME-SERIES DATA. <i>Astrophysical Journal</i> , 2011, 733, 10. | 1.6 | 232 |
| 113 | AFTERGLOW OBSERVATIONS OF <i>FERMI</i> LARGE AREA TELESCOPE GAMMA-RAY BURSTS AND THE EMERGING CLASS OF HYPER-ENERGETIC EVENTS. <i>Astrophysical Journal</i> , 2011, 732, 29. | 1.6 | 145 |
| 114 | <i>HUBBLE SPACE TELESCOPE</i> STUDIES OF NEARBY TYPE Ia SUPERNOVAE: THE MEAN MAXIMUM LIGHT ULTRAVIOLET SPECTRUM AND ITS DISPERSION. <i>Astrophysical Journal Letters</i> , 2011, 727, L35. | 3.0 | 31 |
| 115 | CONSTRAINING GAMMA-RAY BURST EMISSION PHYSICS WITH EXTENSIVE EARLY-TIME, MULTIBAND FOLLOW-UP. <i>Astrophysical Journal</i> , 2011, 743, 154. | 1.6 | 59 |
| 116 | PROGENITOR DIAGNOSTICS FOR STRIPPED CORE-COLLAPSE SUPERNOVAE: MEASURED METALLICITIES AT EXPLOSION SITES. <i>Astrophysical Journal Letters</i> , 2011, 731, L4. | 3.0 | 121 |
| 117 | THE FACTORY AND THE BEEHIVE. I. ROTATION PERIODS FOR LOW-MASS STARS IN PRAESEPE. <i>Astrophysical Journal</i> , 2011, 740, 110. | 1.6 | 71 |
| 118 | SN 2008am: A SUPER-LUMINOUS TYPE II _n SUPERNOVA. <i>Astrophysical Journal</i> , 2011, 729, 143. | 1.6 | 68 |
| 119 | PTF 10fqz: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. <i>Astrophysical Journal</i> , 2011, 730, 134. | 1.6 | 55 |
| 120 | PTF1 J071912.13+485834.0: AN OUTBURSTING AM CV _n SYSTEM DISCOVERED BY A SYNOPTIC SURVEY. <i>Astrophysical Journal</i> , 2011, 739, 68. | 1.6 | 50 |
| 121 | THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. <i>Astrophysical Journal</i> , 2011, 732, 118. | 1.6 | 61 |
| 122 | Galaxy Zoo Supernovae~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no. | 1.6 | 10 |
| 123 | A faint optical flash in dust-obscured GRB 080603A: implications for GRB prompt emission mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2124-2143. | 1.6 | 32 |
| 124 | PTF10ops - a subluminescent, normal-width light curve Type Ia supernova in the middle of nowhere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 747-758. | 1.6 | 43 |
| 125 | Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe. <i>Nature</i> , 2011, 480, 348-350. | 13.7 | 274 |
| 126 | REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. <i>Astrophysical Journal</i> , 2011, 736, 159. | 1.6 | 81 |

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|-----|---|------|-----------|
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