

Shrinivas Kulkarni

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320 papers	26,662 citations	81 h-index	155 g-index
332 ext. papers	30,201 ext. citations	11.6 avg, IF	6.33 L-index

#	Paper	IF	Citations
320	TheSwiftGamma-Ray Burst Mission. <i>Astrophysical Journal</i> , 2004 , 611, 1005-1020	4.7	2625
319	Beaming in Gamma-Ray Bursts: Evidence for a Standard Energy Reservoir. <i>Astrophysical Journal</i> , 2001 , 562, L55-L58	4.7	879
318	The Palomar Transient Factory: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 1395-1408	5	798
317	Spectral constraints on the redshift of the optical counterpart to the E-ray burst of 8 May 1997. <i>Nature</i> , 1997 , 387, 878-880	50.4	574
316	A millisecond pulsar. <i>Nature</i> , 1982 , 300, 615-618	50.4	564
315	Exploring the Optical Transient Sky with the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 1334-1351	5	559
314	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 018002	5	472
313	Radio emission from the unusual supernova 1998bw and its association with the E-ray burst of 25 April 1998. <i>Nature</i> , 1998 , 395, 663-669	50.4	456
312	The Observed Offset Distribution of Gamma-Ray Bursts from Their Host Galaxies: A Robust Clue to the Nature of the Progenitors. <i>Astronomical Journal</i> , 2002 , 123, 1111-1148	4.9	435
311	The radio afterglow from the E-ray burst of 8 May 1997. <i>Nature</i> , 1997 , 389, 261-263	50.4	432
310	An ultraluminous X-ray source powered by an accreting neutron star. <i>Nature</i> , 2014 , 514, 202-4	50.4	430
309	Hydrogen-poor superluminous stellar explosions. <i>Nature</i> , 2011 , 474, 487-9	50.4	378
308	Relativistic ejecta from X-ray flash XRF 060218 and the rate of cosmic explosions. <i>Nature</i> , 2006 , 442, 1014-7	50.4	376
307	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , 2011 , 480, 344-7	50.4	353
306	The afterglow, redshift and extreme energetics of the E-ray burst of 23 January 1999. <i>Nature</i> , 1999 , 398, 389-394	50.4	352
305	An extremely luminous X-ray outburst at the birth of a supernova. <i>Nature</i> , 2008 , 453, 469-74	50.4	348
304	Supernova 2007bi as a pair-instability explosion. <i>Nature</i> , 2009 , 462, 624-7	50.4	343

303	A radio counterpart to a neutron star merger. <i>Science</i> , 2017 , 358, 1579-1583	33.3	302
302	The Zwicky Transient Facility: Data Processing, Products, and Archive. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 018003	5	291
301	Birth of a relativistic outflow in the unusual Day transient Swift J164449.3+573451. <i>Nature</i> , 2011 , 476, 425-8	50.4	275
300	A common origin for cosmic explosions inferred from calorimetry of GRB030329. <i>Nature</i> , 2003 , 426, 154-5	50.4	257
299	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 078001	5	256
298	A CONTINUUM OF H- TO He-RICH TIDAL DISRUPTION CANDIDATES WITH A PREFERENCE FOR E+A GALAXIES. <i>Astrophysical Journal</i> , 2014 , 793, 38	4.7	256
297	PTF 11kx: a type Ia supernova with a symbiotic nova progenitor. <i>Science</i> , 2012 , 337, 942-5	33.3	254
296	A SURVEY OF THE HIGH ORDER MULTIPLICITY OF NEARBY SOLAR-TYPE BINARY STARS WITH Robo-AO. <i>Astrophysical Journal</i> , 2015 , 799, 4	4.7	246
295	Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe. <i>Nature</i> , 2011 , 480, 348-50	50.4	239
294	SWIFT J2058.4+0516: DISCOVERY OF A POSSIBLE SECOND RELATIVISTIC TIDAL DISRUPTION FLARE?. <i>Astrophysical Journal</i> , 2012 , 753, 77	4.7	239
293	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. <i>Nature</i> , 2018 , 554, 207-210	50.4	224
292	THE PHASES DIFFERENTIAL ASTROMETRY DATA ARCHIVE. II. UPDATED BINARY STAR ORBITS AND A LONG PERIOD ECLIPSING BINARY. <i>Astronomical Journal</i> , 2010 , 140, 1623-1630	4.9	223
291	Optical and Radio Observations of the Afterglow from GRB 990510: Evidence for a Jet. <i>Astrophysical Journal</i> , 1999 , 523, L121-L124	4.7	220
290	A 450 Day Light Curve of the Radio Afterglow of GRB 970508: Fireball Calorimetry. <i>Astrophysical Journal</i> , 2000 , 537, 191-204	4.7	212
289	SN 2006gy: An Extremely Luminous Supernova in the Galaxy NGC 1260. <i>Astrophysical Journal</i> , 2007 , 659, L13-L16	4.7	210
288	Stellar black holes in globular clusters. <i>Nature</i> , 1993 , 364, 421-423	50.4	201
287	A Wolf-Rayet-like progenitor of SN 2013cu from spectral observations of a stellar wind. <i>Nature</i> , 2014 , 509, 471-4	50.4	194
286	A fast radio burst associated with a Galactic magnetar. <i>Nature</i> , 2020 , 587, 59-62	50.4	187

285	A fast radio burst localized to a massive galaxy. <i>Nature</i> , 2019 , 572, 352-354	50.4	180
284	The VLA-COSMOS 3 GHz Large Project: Continuum data and source catalog release. <i>Astronomy and Astrophysics</i> , 2017 , 602, A1	5.1	173
283	Late-Time Radio Observations of 68 Type Ibc Supernovae: Strong Constraints on Off-Axis Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006 , 638, 930-937	4.7	169
282	GIANT SPARKS AT COSMOLOGICAL DISTANCES?. <i>Astrophysical Journal</i> , 2014 , 797, 70	4.7	160
281	The sub-energetic gamma-ray burst GRB 031203 as a cosmic analogue to the nearby GRB 980425. <i>Nature</i> , 2004 , 430, 648-50	50.4	157
280	The discovery of a millisecond pulsar in the globular cluster M28. <i>Nature</i> , 1987 , 328, 399-401	50.4	157
279	An outburst from a massive star 40 days before a supernova explosion. <i>Nature</i> , 2013 , 494, 65-7	50.4	155
278	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 207, 3	8	152
277	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 755, 161	4.7	146
276	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , 2017 , 13, 510-517	16.2	145
275	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013 , 775, L7	7.9	145
274	CORE-COLLAPSE SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: INDICATIONS FOR A DIFFERENT POPULATION IN DWARF GALAXIES. <i>Astrophysical Journal</i> , 2010 , 721, 777-784	4.7	145
273	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	7.9	138
272	PRECURSORS PRIOR TO TYPE II _n SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , 2014 , 789, 104	4.7	133
271	SUPERNOVA PTF 09UJ: A POSSIBLE SHOCK BREAKOUT FROM A DENSE CIRCUMSTELLAR WIND. <i>Astrophysical Journal</i> , 2010 , 724, 1396-1401	4.7	131
270	A strong ultraviolet pulse from a newborn type Ia supernova. <i>Nature</i> , 2015 , 521, 328-31	50.4	127
269	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. <i>Physical Review Letters</i> , 2020 , 124, 251102	7.4	126
268	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	5	125

267	ROBOTIC LASER ADAPTIVE OPTICS IMAGING OF 715 KEPLER EXOPLANET CANDIDATES USING ROBO-AO. <i>Astrophysical Journal</i> , 2014 , 791, 35	4.7	123
266	The Palomar Transient Factory Photometric Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 62-73	5	118
265	An unusually brilliant transient in the galaxy M85. <i>Nature</i> , 2007 , 447, 458-60	50.4	115
264	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND . <i>Astrophysical Journal</i> , 2016 , 818, 3	4.7	114
263	An outburst of relativistic particles from the soft γ -ray repeater SGR1900+14. <i>Nature</i> , 1999 , 398, 127-129	50.4	113
262	Discovery of two radio pulsars in the globular cluster M15. <i>Nature</i> , 1990 , 346, 42-44	50.4	112
261	RAPIDLY DECAYING SUPERNOVA 2010X: A CANDIDATE IaEXPLOSION. <i>Astrophysical Journal Letters</i> , 2010 , 723, L98-L102	7.9	110
260	The Angular Size and Proper Motion of the Afterglow of GRB 030329. <i>Astrophysical Journal</i> , 2004 , 609, L1-L4	4.7	107
259	The Radio Evolution of the Ordinary Type I[CLC]c[/CLC] Supernova SN 2002[CLC]ap[/CLC]. <i>Astrophysical Journal</i> , 2002 , 577, L5-L8	4.7	100
258	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014 , 784, L12	7.9	98
257	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017 , 356, 291-295	33.3	96
256	The Radio and X-Ray Luminous SN 2003bg and the Circumstellar Density Variations around Radio Supernovae. <i>Astrophysical Journal</i> , 2006 , 651, 1005-1018	4.7	96
255	DARK BURSTS IN THESWIFTERA: THE PALOMAR 60 INCH-SWIFTEARLY OPTICAL AFTERGLOW CATALOG. <i>Astrophysical Journal</i> , 2009 , 693, 1484-1493	4.7	94
254	A Redshift Determination for XRF 020903: First Spectroscopic Observations of an X-Ray Flash. <i>Astrophysical Journal</i> , 2004 , 606, 994-999	4.7	92
253	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	4.7	91
252	Revisiting Optical Tidal Disruption Events with iPTF16axa. <i>Astrophysical Journal</i> , 2017 , 842, 29	4.7	90
251	The bolometric light curves and physical parameters of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 2973-3002	4.3	89
250	THE PECULIAR EXTINCTION LAW OF SN 2014J MEASURED WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014 , 788, L21	7.9	89

249	DETECTION OF BROAD H α EMISSION LINES IN THE LATE-TIME SPECTRA OF A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2015 , 814, 108	4.7	88
248	PTF11iqb: cool supergiant mass-loss that bridges the gap between Type IIIn and normal supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1876-1896	4.3	88
247	The Zwicky Transient Facility: Surveys and Scheduler. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 068003	5	87
246	PROBING THE INTERGALACTIC MEDIUM WITH FAST RADIO BURSTS. <i>Astrophysical Journal</i> , 2014 , 797, 71	4.7	86
245	GRB 060505: A Possible Short-Duration Gamma-Ray Burst in a Star-forming Region at a Redshift of 0.09. <i>Astrophysical Journal</i> , 2007 , 662, 1129-1135	4.7	86
244	Unusual interaction of the high-velocity pulsar PSR1757-24 with the supernova remnant G5.4-1.2. <i>Nature</i> , 1991 , 352, 785-787	50.4	86
243	A Strong Jet Signature in the Late-time Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018 , 868, L11	7.9	85
242	The SED Machine: A Robotic Spectrograph for Fast Transient Classification. <i>Publications of the Astronomical Society of the Pacific</i> , 2018 , 130, 035003	5	83
241	Ablating dwarf model for eclipsing millisecond pulsar 1957 + 20. <i>Nature</i> , 1988 , 333, 832-834	50.4	83
240	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA iPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. <i>Astrophysical Journal</i> , 2014 , 797, 24	4.7	81
239	Discovery of an X-ray source coincident with the soft γ -ray repeater 0525-66. <i>Nature</i> , 1994 , 368, 432-434	50.4	81
238	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	4.3	78
237	THE CALTECH-NRAO STRIPE 82 SURVEY (CNSS) PAPER. I. THE PILOT RADIO TRANSIENT SURVEY IN 50 DEG2. <i>Astrophysical Journal</i> , 2016 , 818, 105	4.7	77
236	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017 , 844, 46	4.7	76
235	The IPAC Image Subtraction and Discovery Pipeline for the Intermediate Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2017 , 129, 014002	5	76
234	The radio nebula of the soft γ -ray repeater 1806-20. <i>Nature</i> , 1994 , 368, 129-131	50.4	76
233	The host galaxies of Type Ia supernovae discovered by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 1391-1416	4.3	72
232	iPTF Discovery of the Rapid Turn-on of a Luminous Quasar. <i>Astrophysical Journal</i> , 2017 , 835, 144	4.7	71

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230	HIGH-EFFICIENCY AUTONOMOUS LASER ADAPTIVE OPTICS. <i>Astrophysical Journal Letters</i> , 2014 , 790, L8	7.9	70
229	The Radio and X-Ray Luminous Type Ibc Supernova 2003L. <i>Astrophysical Journal</i> , 2005 , 621, 908-920	4.7	70
228	A REVISED VIEW OF THE TRANSIENT RADIO SKY. <i>Astrophysical Journal</i> , 2012 , 747, 70	4.7	69
227	A VERY LARGE ARRAY SEARCH FOR 5 GHz RADIO TRANSIENTS AND VARIABLES AT LOW GALACTIC LATITUDES. <i>Astrophysical Journal</i> , 2011 , 740, 65	4.7	68
226	Accurate Calorimetry of GRB 030329. <i>Astrophysical Journal</i> , 2005 , 619, 994-998	4.7	68
225	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018 , 855, 2	4.7	67
224	The Zwicky Transient Facility Alert Distribution System. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 018001	5	67
223	A METAL-RICH LOW-GRAVITY COMPANION TO A MASSIVE MILLISECOND PULSAR. <i>Astrophysical Journal</i> , 2013 , 765, 158	4.7	66
222	Hydrogen-poor Superluminous Supernovae with Late-time H α Emission: Three Events From the Intermediate Palomar Transient Factory. <i>Astrophysical Journal</i> , 2017 , 848, 6	4.7	65
221	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. <i>Astrophysical Journal Letters</i> , 2012 , 752, L26	7.9	65
220	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qcj AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2014 , 782, 42	4.7	64
219	The Zwicky Transient Facility: Observing System. <i>Publications of the Astronomical Society of the Pacific</i> , 2020 , 132, 038001	5	63
218	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. <i>Astrophysical Journal</i> , 2016 , 820, 33	4.7	62
217	DISCOVERY OF A COSMOLOGICAL, RELATIVISTIC OUTBURST VIA ITS RAPIDLY FADING OPTICAL EMISSION. <i>Astrophysical Journal</i> , 2013 , 769, 130	4.7	62
216	DISCOVERY OF A NEW PHOTOMETRIC SUB-CLASS OF FAINT AND FAST CLASSICAL NOVAE. <i>Astrophysical Journal</i> , 2011 , 735, 94	4.7	62
215	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. <i>Astrophysical Journal</i> , 2021 , 908, 4	4.7	62
214	TWO SMALL PLANETS TRANSITING HD 3167. <i>Astrophysical Journal Letters</i> , 2016 , 829, L9	7.9	61

213	The Palomar Transient Factory photometric catalog 1.0. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 854-860	5	61
212	THE FACTORY AND THE BEEHIVE. I. ROTATION PERIODS FOR LOW-MASS STARS IN PRAESEPE. <i>Astrophysical Journal</i> , 2011 , 740, 110	4.7	61
211	AT2018cow: A Luminous Millimeter Transient. <i>Astrophysical Journal</i> , 2019 , 871, 73	4.7	60
210	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017 , 834, 107	4.7	59
209	SCIENCE WITH A WIDE-FIELD UV TRANSIENT EXPLORER. <i>Astronomical Journal</i> , 2014 , 147, 79	4.9	59
208	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015 , 799, 52	4.7	58
207	General relativistic orbital decay in a seven-minute-orbital-period eclipsing binary system. <i>Nature</i> , 2019 , 571, 528-531	50.4	56
206	Aperture Photometry Tool. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 737-763	5	56
205	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , 2015 , 578, A9	5.1	55
204	X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. <i>Astrophysical Journal</i> , 2013 , 763, 42	4.7	55
203	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , 2018 , 362, 201-206	33.3	55
202	THE PHASES DIFFERENTIAL ASTROMETRY DATA ARCHIVE. V. CANDIDATE SUBSTELLAR COMPANIONS TO BINARY SYSTEMS. <i>Astronomical Journal</i> , 2010 , 140, 1657-1671	4.9	54
201	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	7.9	54
200	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 038002	5	53
199	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. <i>Astrophysical Journal</i> , 2014 , 788, 154	4.7	53
198	TRACING THE ORPHAN STREAM TO 55 kpc WITH RR LYRAE STARS. <i>Astrophysical Journal</i> , 2013 , 776, 26	4.7	53
197	The Broadband Afterglow of GRB 980703. <i>Astrophysical Journal</i> , 2003 , 590, 992-998	4.7	53
196	THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. <i>Astrophysical Journal</i> , 2011 , 732, 118	4.7	52

195	FIVE PLANETS TRANSITING A NINTH MAGNITUDE STAR. <i>Astrophysical Journal Letters</i> , 2016 , 827, L10	7.9	51
194	DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg 2 : iPTF13bxi AND GRB 130702A. <i>Astrophysical Journal Letters</i> , 2013 , 776, L34	7.9	49
193	PTF1 J071912.13+485834.0: AN OUTBURSTING AM CVn SYSTEM DISCOVERED BY A SYNOPTIC SURVEY. <i>Astrophysical Journal</i> , 2011 , 739, 68	4.7	49
192	ASTEROID LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY SURVEY: ROTATION PERIODS AND PHASE FUNCTIONS FROM SPARSE PHOTOMETRY. <i>Astronomical Journal</i> , 2015 , 150, 75	4.9	48
191	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019 , 872, 198	4.7	47
190	AN ACCRETING WHITE DWARF NEAR THE CHANDRASEKHAR LIMIT IN THE ANDROMEDA GALAXY. <i>Astrophysical Journal</i> , 2014 , 786, 61	4.7	47
189	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 1135-1144	4.3	47
188	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	4.3	47
187	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019 , 886, 152	4.7	47
186	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. <i>Astrophysical Journal</i> , 2017 , 835, 58	4.7	46
185	Two New Calcium-rich Gap Transients in Group and Cluster Environments. <i>Astrophysical Journal</i> , 2017 , 836, 60	4.7	45
184	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. <i>Astrophysical Journal</i> , 2019 , 873, 92	4.7	45
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181	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. <i>Astrophysical Journal</i> , 2017 , 851, 107	4.7	43
180	SENSITIVE SEARCH FOR RADIO VARIABLES AND TRANSIENTS IN THE EXTENDED CHANDRA DEEP FIELD SOUTH. <i>Astrophysical Journal</i> , 2013 , 768, 165	4.7	43
179	iPTF SEARCH FOR AN OPTICAL COUNTERPART TO GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 824, L24	7.9	42
178	MASSSES, LUMINOSITIES, AND ORBITAL COPLANARITIES OF THE ϵ DRIONIS QUADRUPLE-STAR SYSTEM FROM PHASES DIFFERENTIAL ASTROMETRY. <i>Astronomical Journal</i> , 2008 , 135, 766-776	4.9	41

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176	PROPER MOTIONS AND ORIGINS OF SGR 180620 AND SGR 1900+14. <i>Astrophysical Journal</i> , 2012 , 761, 76	4.7	40
175	Identification of PSR1758 23 as a runaway pulsar from the supernova remnant W28. <i>Nature</i> , 1993 , 365, 136-138	50.4	40
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172	PTF10ops - a subluminal, 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	4.3	39
171	CLASSICAL NOVAE IN ANDROMEDA: LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY AND GALEX. <i>Astrophysical Journal</i> , 2012 , 752, 133	4.7	38
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