Shrinivas Kulkarni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A WC/WO star exploding within an expanding carbon-oxygen-neon nebula.. *Nature*, **2022**, 601, 201-204	50.4	8
319	Supernova siblings and their parent galaxies in the Zwicky Transient Facility Bright Transient Survey. *Monthly Notices of the Royal Astronomical Society*, **2022**, 511, 241-254	4.3	0
318	Discovery of a Double-detonation Thermonuclear Supernova Progenitor. *Astrophysical Journal Letters*, **2022**, 925, L12	7.9	2
317	Microlensing Events in the Galactic Plane Using the Zwicky Transient Facility. *Astrophysical Journal*, **2022**, 927, 150	4.7	0
316	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolf-Rayet Stars. *Astrophysical Journal*, **2022**, 927, 180	4.7	4
315	The Search for a Counterpart to NuSTAR J053449+2126.0. *Research Notes of the AAS*, **2022**, 6, 50	0.8	
314	A 62-minute orbital period black widow binary in a wide hierarchical triple.. *Nature*, **2022**, 605, 41-45	50.4	1
313	The GALEX-PTF Experiment. II. Supernova Progenitor Radius and Energetics via Shock-cooling Modeling. *Astrophysical Journal*, **2022**, 931, 71	4.7	
312	A Comprehensive X-Ray Report on AT2019wey. *Astrophysical Journal*, **2021**, 920, 121	4.7	4
311	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. *Astrophysical Journal*, **2021**, 920, 120	4.7	5
310	ZTFJ0038+2030: A Long-period Eclipsing White Dwarf and a Substellar Companion. *Astrophysical Journal Letters*, **2021**, 919, L26	7.9	5
309	Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 510-520	4.3	2
308	VLBA Discovery of a Resolved Source in the Candidate Black Hole X-Ray Binary AT2019wey. *Astrophysical Journal Letters*, **2021**, 909, L27	7.9	6
307	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. *Astrophysical Journal Letters*, **2021**, 911, L35	7.9	4
306	Tails: Chasing Comets with the Zwicky Transient Facility and Deep Learning. *Astronomical Journal*, **2021**, 161, 218	4.9	0
305	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. *Astrophysical Journal*, **2021**, 912, 46	4.7	22
304	Year 1 of the ZTF high-cadence Galactic plane survey: strategy, goals, and early results on new single-mode hot subdwarf B-star pulsators. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 1254-1267	4.3	9

303	The ZTF Source Classification Project. I. Methods and Infrastructure. *Astronomical Journal*, **2021**, 161, 267	4.9	7
302	A highly magnetized and rapidly rotating white dwarf as small as the Moon. *Nature*, **2021**, 595, 39-42	50.4	9
301	Galactic Radio Explorer: An All-sky Monitor for Bright Radio Bursts. *Publications of the Astronomical Society of the Pacific*, **2021**, 133, 075001	5	1
300	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. *Nature Astronomy*, **2021**, 5, 917-927	12.1	11
299	Optical follow-up of the neutron star–black hole mergers S200105ae and S200115j. *Nature Astronomy*, **2021**, 5, 46-53	12.1	34
298	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. *Astrophysical Journal*, **2021**, 908, 4	4.7	62
297	SNIascore: Deep-learning Classification of Low-resolution Supernova Spectra. *Astrophysical Journal Letters*, **2021**, 917, L2	7.9	2
296	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. *Astrophysical Journal, Supplement Series*, **2021**, 255, 29	8	16
295	A transient radio source consistent with a merger-triggered core collapse supernova. *Science*, **2021**, 373, 1125-1129	33.3	7
294	Fast-transient Searches in Real Time with ZTFReST: Identification of Three Optically Discovered Gamma-Ray Burst Afterglows and New Constraints on the Kilonova Rate. *Astrophysical Journal*, **2021**, 918, 63	4.7	13
293	The Peculiar Ca-rich SN2019ehk: Evidence for a Type IIb Core-collapse Supernova from a Low-mass Stripped Progenitor. *Astrophysical Journal Letters*, **2021**, 907, L18	7.9	7
292	AT 2018lqh and the Nature of the Emerging Population of Day-scale Duration Optical Transients. *Astrophysical Journal*, **2021**, 922, 247	4.7	1
291	A fast radio burst associated with a Galactic magnetar. *Nature*, **2020**, 587, 59-62	50.4	187
290	PTF11rka: an interacting supernova at the crossroads of stripped-envelope and H-poor superluminous stellar core collapses. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 3542-3556	4.3	1
289	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. *Astrophysical Journal*, **2020**, 895, 32	4.7	37
288	The Koala: A Fast Blue Optical Transient with Luminous Radio Emission from a Starburst Dwarf Galaxy atz= 0.27. *Astrophysical Journal*, **2020**, 895, 49	4.7	32
287	ZTF J1901+5309: a 40.6-min orbital period eclipsing double white dwarf system. *Monthly Notices of the Royal Astronomical Society: Letters*, **2020**, 494, L91-L96	4.3	11
286	The First Ultracompact Roche Lobe–Filling Hot Subdwarf Binary. *Astrophysical Journal*, **2020**, 891, 45	4.7	29

285	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. *Physical Review Letters*, **2020**, 124, 251102	7.4	126
284	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. *Astronomical Journal*, **2020**, 160, 26	4.9	18
283	A Twilight Search for Atiras, Vatiras, and Co-orbital Asteroids: Preliminary Results. *Astronomical Journal*, **2020**, 159, 70	4.9	16
282	ROBO-AO Kepler Asteroseismic Survey. II. Do Stellar Companions Inhibit Stellar Oscillations?. *Astrophysical Journal*, **2020**, 888, 34	4.7	3
281	The Zwicky Transient Facility: Observing System. *Publications of the Astronomical Society of the Pacific*, **2020**, 132, 038001	5	63
280	STARE2: Detecting Fast Radio Bursts in the Milky Way. *Publications of the Astronomical Society of the Pacific*, **2020**, 132, 034202	5	20
279	Robo-AO M-dwarf Multiplicity Survey: Catalog. *Astronomical Journal*, **2020**, 159, 139	4.9	10
278	Variability of Massive Stars in M31 from the Palomar Transient Factory. *Astrophysical Journal*, **2020**, 893, 11	4.7	6
277	The Broad-lined Ic Supernova ZTF18aaqjovh (SN 2018bvw): An Optically Discovered Engine-driven Supernova Candidate with Luminous Radio Emission. *Astrophysical Journal*, **2020**, 893, 132	4.7	6
276	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. *Astrophysical Journal*, **2020**, 898, 56	4.7	12
275	SN 2020bvc: A Broad-line Type Ic Supernova with a Double-peaked Optical Light Curve and a Luminous X-Ray and Radio Counterpart. *Astrophysical Journal*, **2020**, 902, 86	4.7	9
274	SN2019dge: A Helium-rich Ultra-stripped Envelope Supernova. *Astrophysical Journal*, **2020**, 900, 46	4.7	16
273	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. *Astrophysical Journal*, **2020**, 901, 61	4.7	12
272	ZTF Early Observations of Type Ia Supernovae. II. First Light, the Initial Rise, and Time to Reach Maximum Brightness. *Astrophysical Journal*, **2020**, 902, 47	4.7	16
271	ZTF Early Observations of Type Ia Supernovae. III. Early-time Colors As a Test for Explosion Models and Multiple Populations. *Astrophysical Journal*, **2020**, 902, 48	4.7	12
270	SN 2018fif: The Explosion of a Large Red Supergiant Discovered in Its Infancy by the Zwicky Transient Facility. *Astrophysical Journal*, **2020**, 902, 6	4.7	3
269	The Zwicky Transient Facility Census of the Local Universe. I. Systematic Search for Calcium-rich Gap Transients Reveals Three Related Spectroscopic Subclasses. *Astrophysical Journal*, **2020**, 905, 58	4.7	27
268	CaltechNRAO Stripe 82 Survey (CNSS). III. The First Radio-discovered Tidal Disruption Event, CNSS J0019+00. *Astrophysical Journal*, **2020**, 903, 116	4.7	17

267	A Non-equipartition Shock Wave Traveling in a Dense Circumstellar Environment around SN 2020oi. *Astrophysical Journal*, **2020**, 903, 132	4.7	8
266	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics. *Astrophysical Journal*, **2020**, 904, 35	4.7	38
265	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. *Astrophysical Journal*, **2020**, 904, 155	4.7	14
264	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. *Astrophysical Journal*, **2020**, 905, 32	4.7	26
263	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. *Astrophysical Journal*, **2020**, 905, 145	4.7	29
262	ZTF20aajnksq (AT 2020blt): A Fast Optical Transient at z=2.9 with No Detected Gamma-Ray Burst Counterpart. *Astrophysical Journal*, **2020**, 905, 98	4.7	9
261	A New Class of Roche Lobe-filling Hot Subdwarf Binaries. *Astrophysical Journal Letters*, **2020**, 898, L25	7.9	19
260	Characterization of Temporarily Captured Minimoon 2020 CD3by Keck Time-resolved Spectrophotometry. *Astrophysical Journal Letters*, **2020**, 900, L45	7.9	6
259	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. *Astrophysical Journal Letters*, **2020**, 902, L8	7.9	6
258	An 8.8 Minute Orbital Period Eclipsing Detached Double White Dwarf Binary. *Astrophysical Journal Letters*, **2020**, 905, L7	7.9	9
257	Type IIn supernova light-curve properties measured from an untargeted survey sample. *Astronomy and Astrophysics*, **2020**, 637, A73	5.1	24
256	Synthetic Tracking Using ZTF Deep Drilling Data Sets. *Publications of the Astronomical Society of the Pacific*, **2020**, 132, 064502	5	4
255	From core collapse to superluminous: the rates of massive stellar explosions from the Palomar Transient Factory. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 5142-5158	4.3	9
254	Pre-discovery Activity of New Interstellar Comet 2I/Borisov beyond 5 au. *Astronomical Journal*, **2020**, 159, 77	4.9	19
253	Toward Efficient Detection of Small Near-Earth Asteroids Using the Zwicky Transient Facility (ZTF). *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 078002	5	6
252	A New Class of Large-amplitude Radial-mode Hot Subdwarf Pulsators. *Astrophysical Journal Letters*, **2019**, 878, L35	7.9	14
251	The Zwicky Transient Facility: Surveys and Scheduler. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 068003	5	87
250	Machine Learning for the Zwicky Transient Facility. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 038002	5	53

249	AT2018cow: A Luminous Millimeter Transient. *Astrophysical Journal*, **2019**, 871, 73	4.7	60
248	A Six-year Image-subtraction Light Curve of SN 2010jl. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 054204	5	
247	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 1031-1049	4.3	78
246	The Kitt Peak Electron Multiplying CCD demonstrator. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 1412-1419	4.3	12
245	The volumetric rate of normal type Ia supernovae in the local Universe discovered by the Palomar Transient Factory. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 2308-2320	4.3	20
244	Analysis of broad-lined Type Ic supernovae from the (intermediate) Palomar Transient Factory. *Astronomy and Astrophysics*, **2019**, 621, A71	5.1	34
243	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. *Astrophysical Journal*, **2019**, 873, 92	4.7	45
242	The Palomar Transient Factory Sky2Night programme. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4507-4528	4.3	8
241	The Double-peaked Radio Light Curve of Supernova PTF11qcj. *Astrophysical Journal*, **2019**, 872, 201	4.7	14
240	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. *Astrophysical Journal*, **2019**, 872, 198	4.7	47
239	Supernova PTF 12glz: A Possible Shock Breakout Driven through an Aspherical Wind. *Astrophysical Journal*, **2019**, 872, 141	4.7	15
238	ZTF 18aaqeasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. *Astrophysical Journal Letters*, **2019**, 873, L18	7.9	34
237	Multiple Outbursts of Asteroid (6478) Gault. *Astrophysical Journal Letters*, **2019**, 874, L16	7.9	20
236	A fast radio burst localized to a massive galaxy. *Nature*, **2019**, 572, 352-354	50.4	180
235	The Zwicky Transient Facility: Science Objectives. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 078001	5	256
234	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. *Astrophysical Journal Letters*, **2019**, 878, L5	7.9	17
233	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. *Astrophysical Journal*, **2019**, 880, 7	4.7	25
232	General relativistic orbital decay in a seven-minute-orbital-period eclipsing binary system. *Nature*, **2019**, 571, 528-531	50.4	56

231	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. *Astrophysical Journal Letters*, **2019**, 880, L20	7.9	15
230	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. *Astrophysical Journal Letters*, **2019**, 885, L23	7.9	14
229	A New Class of Changing-look LINERs. *Astrophysical Journal*, **2019**, 883, 31	4.7	37
228	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. *Astrophysical Journal*, **2019**, 886, 152	4.7	47
227	Simultaneous Observations of the Northern TESS Sectors by the Zwicky Transient Facility. *Research Notes of the AAS*, **2019**, 3, 136	0.8	6
226	Evidence for Late-stage Eruptive Mass Loss in the Progenitor to SN2018gep, a Broad-lined Ic Supernova: Pre-explosion Emission and a Rapidly Rising Luminous Transient. *Astrophysical Journal*, **2019**, 887, 169	4.7	36
225	Magnification, dust, and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. *Monthly Notices of the Royal Astronomical Society*, **2019**,	4.3	5
224	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. *Astrophysical Journal Letters*, **2019**, 885, L19	7.9	54
223	Orbital Decay in a 20 Minute Orbital Period Detached Binary with a Hydrogen-poor Low-mass White Dwarf. *Astrophysical Journal Letters*, **2019**, 886, L12	7.9	24
222	The Zwicky Transient Facility: Data Processing, Products, and Archive. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 018003	5	291
221	The Zwicky Transient Facility Alert Distribution System. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 018001	5	67
220	The Zwicky Transient Facility: System Overview, Performance, and First Results. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 018002	5	472
219	iPTF Survey for Cool Transients. *Publications of the Astronomical Society of the Pacific*, **2018**, 130, 034202	5	11
218	Robo-AOKeplerSurvey. IV. The Effect of Nearby Stars on 3857 Planetary Candidate Systems. *Astronomical Journal*, **2018**, 155, 161	4.9	32
217	Searching for Be Stars in the Open Clusters with PTF/iPTF. I. Cluster Sample and Be Star Candidates. *Astronomical Journal*, **2018**, 155, 91	4.9	6
216	The SED Machine: A Robotic Spectrograph for Fast Transient Classification. *Publications of the Astronomical Society of the Pacific*, **2018**, 130, 035003	5	83
215	The Performance of the Robo-AO Laser Guide Star Adaptive Optics System at the Kitt Peak 2.1 m Telescope. *Astronomical Journal*, **2018**, 155, 32	4.9	20
214	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. *Nature*, **2018**, 554, 207-210	50.4	224

213	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. *Astrophysical Journal*, **2018**, 855, 2	4.7	67
212	iPTF Archival Search for Fast Optical Transients. *Astrophysical Journal Letters*, **2018**, 854, L13	7.9	14
211	Variability of Red Supergiants in M31 from the Palomar Transient Factory. *Astrophysical Journal*, **2018**, 859, 73	4.7	16
210	The Redshift Completeness of Local Galaxy Catalogs. *Astrophysical Journal*, **2018**, 860, 22	4.7	9
209	PSR J2322−2650: a low-luminosity millisecond pulsar with a planetary-mass companion. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 469-477	4.3	14
208	iPTF16abc and the population of Type Ia supernovae: comparing the photospheric, transitional, and nebular phases. *Monthly Notices of the Royal Astronomical Society*, **2018**, 480, 1445-1456	4.3	11
207	LASSO: Large Adaptive optics Survey for Substellar Objects using the new SAPHIRA detector on Robo-AO **2018**,		1
206	SIFTING FOR SAPPHIRES: SYSTEMATIC SELECTION OF TIDAL DISRUPTION EVENTS IN iPTF. *Astrophysical Journal, Supplement Series*, **2018**, 238,	8	23
205	An Upper Limit on the Linear Polarization Fraction of the GW170817 Radio Continuum. *Astrophysical Journal Letters*, **2018**, 861, L10	7.9	22
204	The Binary Dwarf Carbon Star SDSS J125017.90+252427.6. *Astrophysical Journal Letters*, **2018**, 856, L2	7.9	9
203	Oxygen and helium in stripped-envelope supernovae. *Astronomy and Astrophysics*, **2018**, 618, A37	5.1	17
202	A Strong Jet Signature in the Late-time Light Curve of GW170817. *Astrophysical Journal Letters*, **2018**, 868, L11	7.9	85
201	A Case Study of On-the-fly Wide-field Radio Imaging Applied to the Gravitational Wave Event GW151226. *Astrophysical Journal*, **2018**, 857, 143	4.7	7
200	iPTF 16hgs: A Double-peaked Ca-rich Gap Transient in a Metal-poor, Star-forming Dwarf Galaxy. *Astrophysical Journal*, **2018**, 866, 72	4.7	21
199	PTF11mnb: First analog of supernova 2005bf. *Astronomy and Astrophysics*, **2018**, 609, A106	5.1	15
198	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. *Science*, **2018**, 362, 201-206	33.3	55
197	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. *Nature Astronomy*, **2018**, 2, 887-895	12.1	27
196	Robo-AO Kepler Survey. V. The Effect of Physically Associated Stellar Companions on Planetary Systems. *Astronomical Journal*, **2018**, 156, 83	4.9	27

195	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. *Astrophysical Journal*, **2018**, 852, 100	4.7	36
194	ULTRA-SHORT-PERIOD PLANETS INK2WITH COMPANIONS: A DOUBLE TRANSITING SYSTEM FOR EPIC 220674823. *Astronomical Journal*, **2017**, 153, 82	4.9	32
193	iPTF Discovery of the Rapid Turn-on of a Luminous Quasar. *Astrophysical Journal*, **2017**, 835, 144	4.7	71
192	Small Near-Earth Asteroids in the Palomar Transient Factory Survey: A Real-Time Streak-detection System. *Publications of the Astronomical Society of the Pacific*, **2017**, 129, 034402	5	20
191	Confined dense circumstellar material surrounding a regular type II supernova. *Nature Physics*, **2017** , 13, 510-517	16.2	145
190	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. *Science*, **2017**, 356, 291-295	33.3	96
189	The VLA-COSMOS 3 GHz Large Project: Continuum data and source catalog release. *Astronomy and Astrophysics*, **2017**, 602, A1	5.1	173
188	Revisiting Optical Tidal Disruption Events with iPTF16axa. *Astrophysical Journal*, **2017**, 842, 29	4.7	90
187	Two New Calcium-rich Gap Transients in Group and Cluster Environments. *Astrophysical Journal*, **2017**, 836, 60	4.7	45
186	Hydrogen-poor Superluminous Supernovae with Late-time H Emission: Three Events From the Intermediate Palomar Transient Factory. *Astrophysical Journal*, **2017**, 848, 6	4.7	65
185	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cx-like Object. *Astrophysical Journal*, **2017**, 848, 59	4.7	22
184	A radio counterpart to a neutron star merger. *Science*, **2017**, 358, 1579-1583	33.3	302
183	The OmegaWhite Survey for Short-period Variable Stars. V. Discovery of an Ultracompact Hot Subdwarf Binary with a Compact Companion in a 44-minute Orbit. *Astrophysical Journal*, **2017**, 851, 28	4.7	11
182	Asteroid spin-rate studies using large sky-field surveys. *Geoscience Letters*, **2017**, 4,	3.5	3
181	A novel method for transient detection in high-cadence optical surveys. *Astronomy and Astrophysics* , **2017**, 599, A48	5.1	5
180	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. *Astrophysical Journal*, **2017**, 844, 46	4.7	76
179	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. *Astrophysical Journal*, **2017**, 835, 58	4.7	46
178	The IPAC Image Subtraction and Discovery Pipeline for the Intermediate Palomar Transient Factory. *Publications of the Astronomical Society of the Pacific*, **2017**, 129, 014002	5	76

177	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. *Astrophysical Journal*, **2017** , 834, 107	4.7	59
176	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. *Astrophysical Journal*, **2017**, 847, 54	4.7	20
175	The Outer Halo of the Milky Way as Probed by RR Lyr Variables from the Palomar Transient Facility. *Astrophysical Journal*, **2017**, 849, 150	4.7	24
174	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. *Astrophysical Journal*, **2017**, 851, 107	4.7	43
173	iPTF SEARCH FOR AN OPTICAL COUNTERPART TO GRAVITATIONAL-WAVE TRANSIENT GW150914. *Astrophysical Journal Letters*, **2016**, 824, L24	7.9	42
172	ABSENCE OF FAST-MOVING IRON IN AN INTERMEDIATE TYPE Ia SUPERNOVA BETWEEN NORMAL AND SUPER-CHANDRASEKHAR. *Astrophysical Journal*, **2016**, 823, 147	4.7	14
171	PTF13efvÄN OUTBURST 500 DAYS PRIOR TO THE SNHUNT 275 EXPLOSION AND ITS RADIATIVE EFFICIENCY. *Astrophysical Journal*, **2016**, 824, 6	4.7	32
170	RADIO OBSERVATIONS OF A SAMPLE OF BROAD-LINE TYPE IC SUPERNOVAE DISCOVERED BY PTF/IPTF: A SEARCH FOR RELATIVISTIC EXPLOSIONS. *Astrophysical Journal*, **2016**, 830, 42	4.7	34
169	TWO SMALL PLANETS TRANSITING HD 3167. *Astrophysical Journal Letters*, **2016**, 829, L9	7.9	61
168	Robo-AO Kitt Peak: status of the system and deployment of a sub-electron readnoise IR camera to detect low-mass companions **2016**,		8
167	Photometric variability of candidate white dwarf binary systems from Palomar Transient Factory archival data. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 2747-2761	4.3	4
166	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. *Astrophysical Journal*, **2016**, 820, 33	4.7	62
165	THE DETECTION RATE OF EARLY UV EMISSION FROM SUPERNOVAE: A DEDICATEDGALEX/PTF SURVEY AND CALIBRATED THEORETICAL ESTIMATES. *Astrophysical Journal*, **2016**, 820, 57	4.7	26
164	THE CALTECH-NRAO STRIPE 82 SURVEY (CNSS) PAPER. I. THE PILOT RADIO TRANSIENT SURVEY IN 50 DEG2. *Astrophysical Journal*, **2016**, 818, 105	4.7	77
163	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND . *Astrophysical Journal*, **2016**, 818, 3	4.7	114
162	The bolometric light curves and physical parameters of stripped-envelope supernovae. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2973-3002	4.3	89
161	SN2002es-LIKE SUPERNOVAE FROM DIFFERENT VIEWING ANGLES. *Astrophysical Journal*, **2016**, 832, 86	4.7	19
160	Be STARS IN THE OPEN CLUSTER NGC 6830. *Astronomical Journal*, **2016**, 151, 121	4.9	4

159	LARGE SUPER-FAST ROTATOR HUNTING USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. *Astrophysical Journal, Supplement Series*, **2016**, 227, 20	8	11
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