

M J Graham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3912581/publications.pdf>

Version: 2024-02-01

162
papers

10,442
citations

41323

49
h-index

33869

99
g-index

167
all docs

167
docs citations

167
times ranked

7224
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and characterization of five new eclipsing AM CVn systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5440-5461.	1.6	22
2	The Zwicky Transient Facility Type Ia supernova survey: first data release and results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2228-2241.	1.6	20
3	A WC/WO star exploding within an expanding carbon-oxygen-neon nebula. <i>Nature</i> , 2022, 601, 201-204.	13.7	48
4	Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. <i>Astrophysical Journal</i> , 2022, 925, 58.	1.6	3
5	Impact of the SpaceX Starlink Satellites on the Zwicky Transient Facility Survey Observations. <i>Astrophysical Journal Letters</i> , 2022, 924, L30.	3.0	22
6	Autonomous Real-Time Science-Driven Follow-up of Survey Transients. <i>Lecture Notes in Computer Science</i> , 2022, , 59-72.	1.0	1
7	The Unanticipated Phenomenology of the Blazar PKS 2131-021: A Unique Supermassive Black Hole Binary Candidate. <i>Astrophysical Journal Letters</i> , 2022, 926, L35.	3.0	20
8	Gaia GraL: Gaia DR2 Gravitational Lens Systems. VII. XMM-Newton Observations of Lensed Quasars. <i>Astrophysical Journal</i> , 2022, 927, 45.	1.6	2
9	Constraining Type Ia supernova explosions and early flux excesses with the Zwicky Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1317-1340.	1.6	18
10	Microlensing Events in the Galactic Plane Using the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 927, 150.	1.6	6
11	Confirming new changing-look AGNs discovered through optical variability using a random forest-based light-curve classifier. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 513, L57-L62.	1.2	12
12	Characterizing Sparse Asteroid Light Curves with Gaussian Processes. <i>Astronomical Journal</i> , 2022, 163, 29.	1.9	2
13	Zwicky Transient Facility and Globular Clusters: The RR Lyrae gri-band Period-Luminosity-Metallicity and Period-Wesenheit-Metallicity Relations. <i>Astronomical Journal</i> , 2022, 163, 239.	1.9	7
14	The Nascent Milliquasar VT J154843.06+220812.6: Tidal Disruption Event or Extreme Accretion State Change?. <i>Astrophysical Journal</i> , 2022, 929, 184.	1.6	5
15	A 62-minute orbital period black widow binary in a wide hierarchical triple. <i>Nature</i> , 2022, 605, 41-45.	13.7	13
16	Starfall: a heavy rain of stars in a turning on AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4102-4110.	1.6	12
17	Candidate Tidal Disruption Event AT2019fdr Coincident with a High-Energy Neutrino. <i>Physical Review Letters</i> , 2022, 128, .	2.9	41
18	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40.	1.6	3

#	ARTICLE	IF	CITATIONS
19	The Large Superfast Rotators Discovered by the Zwicky Transient Facility. <i>Astrophysical Journal Letters</i> , 2022, 932, L5.	3.0	2
20	The Time Domain Spectroscopic Survey: Changing-look Quasar Candidates from Multi-epoch Spectroscopy in SDSS-IV. <i>Astrophysical Journal</i> , 2022, 933, 180.	1.6	19
21	Optical follow-up of the neutron star–black hole mergers S200105ae and S200115j. <i>Nature Astronomy</i> , 2021, 5, 46-53.	4.2	71
22	Initial Characterization of Active Transitioning Centaur, P/2019 LD ₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. <i>Astronomical Journal</i> , 2021, 161, 116.	1.9	13
23	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.	1.6	174
24	Tidal Disruption Event Hosts Are Green and Centrally Concentrated: Signatures of a Post-merger System. <i>Astrophysical Journal Letters</i> , 2021, 908, L20.	3.0	30
25	AT 2019avd: a novel addition to the diverse population of nuclear transients. <i>Astronomy and Astrophysics</i> , 2021, 647, A9.	2.1	21
26	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	4.2	136
27	Low-redshift Type Ia Supernova from the LSQ/LCO Collaboration. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 044002.	1.0	2
28	A Luminous X-Ray Transient in SDSS J143359.16+400636.0: A Likely Tidal Disruption Event. <i>Astrophysical Journal</i> , 2021, 909, 102.	1.6	7
29	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. <i>Astrophysical Journal Letters</i> , 2021, 911, L35.	3.0	10
30	Tails: Chasing Comets with the Zwicky Transient Facility and Deep Learning. <i>Astronomical Journal</i> , 2021, 161, 218.	1.9	6
31	HO Puppis: Not a Be Star, but a Newly Confirmed IW And-type Star. <i>Astrophysical Journal</i> , 2021, 911, 51.	1.6	3
32	The Automatic Learning for the Rapid Classification of Events (ALeRCE) Alert Broker. <i>Astronomical Journal</i> , 2021, 161, 242.	1.9	76
33	The luminous and rapidly evolving SN 2018bcc. <i>Astronomy and Astrophysics</i> , 2021, 649, A163.	2.1	14
34	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. <i>Astrophysical Journal</i> , 2021, 912, 46.	1.6	66
35	Year 1 of the ZTF high-cadence Galactic plane survey: strategy, goals, and early results on new single-mode hot subdwarf B-star pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1254-1267.	1.6	27
36	AGNs on the Move: A Search for Off-nuclear AGNs from Recoiling Supermassive Black Holes and Ongoing Galaxy Mergers with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2021, 913, 102.	1.6	19

#	ARTICLE	IF	CITATIONS
37	The ZTF Source Classification Project â€“ II. Periodicity and variability processing metrics. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2954-2965.	1.6	10
38	The ZTF Source Classification Project. I. Methods and Infrastructure. Astronomical Journal, 2021, 161, 267.	1.9	16
39	SN 2018ijp: the explosion of a stripped-envelope star within a dense H-rich shell?. Astronomy and Astrophysics, 2021, 650, A174.	2.1	10
40	A highly magnetized and rapidly rotating white dwarf as small as the Moon. Nature, 2021, 595, 39-42.	13.7	56
41	Six Outbursts of Comet 46P/Wirtanen. Planetary Science Journal, 2021, 2, 131.	1.5	7
42	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. Nature Astronomy, 2021, 5, 917-927.	4.2	69
43	Zwicky Transient Facility and Globular Clusters: the Periodâ€“Luminosity and Periodâ€“Luminosityâ€“Color Relations for Late-type Contact Binaries. Astronomical Journal, 2021, 162, 63.	1.9	8
44	Cataclysmic Variables in the Second Year of the Zwicky Transient Facility. Astronomical Journal, 2021, 162, 94.	1.9	8
45	SNlascor: Deep-learning Classification of Low-resolution Supernova Spectra. Astrophysical Journal Letters, 2021, 917, L2.	3.0	11
46	A Systematic Search for Outbursting AM CVn Systems with the Zwicky Transient Facility. Astronomical Journal, 2021, 162, 113.	1.9	15
47	Deep co-added sky from Catalina Sky Survey images. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4983-4996.	1.6	2
48	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.	1.6	42
49	A method for finding anomalous astronomical light curves and their analogues. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5734-5756.	1.6	14
50	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5138-5147.	1.6	44
51	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. Astrophysical Journal, 2021, 920, 120.	1.6	12
52	A Family Tree of Optical Transients from Narrow-line Seyfert 1 Galaxies. Astrophysical Journal, 2021, 920, 56.	1.6	28
53	Two câ€™s in a pod: cosmology-independent measurement of the Type Ia supernova colourâ€“luminosity relation with a sibling pair. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5340-5356.	1.6	9
54	Faintest of Them All: ZTF 21aaoryiz/SN 2021fcbâ€“Discovery of an Extremely Low Luminosity Type Ia Supernova. Astrophysical Journal Letters, 2021, 921, L6.	3.0	8

#	ARTICLE	IF	CITATIONS
55	Gaia GraL: Gaia DR2 Gravitational Lens Systems. VI. Spectroscopic Confirmation and Modeling of Quadruply Imaged Lensed Quasars. <i>Astrophysical Journal</i> , 2021, 921, 42.	1.6	14
56	The large-scale environment of thermonuclear and core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 366-372.	1.6	5
57	AT 2018lqh and the Nature of the Emerging Population of Day-scale Duration Optical Transients. <i>Astrophysical Journal</i> , 2021, 922, 247.	1.6	8
58	The first high-redshift changing-look quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2339-2353.	1.6	20
59	Testing the relativistic Doppler boost hypothesis for the binary candidate quasar PG1302-102 with multiband <i>Swift</i> data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1683-1696.	1.6	11
60	Discovery and follow-up of ASASSN-19dj: an X-ray and UV luminous TDE in an extreme post-starburst galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1673-1696.	1.6	64
61	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. <i>Astrophysical Journal</i> , 2020, 895, 32.	1.6	91
62	The Koala: A Fast Blue Optical Transient with Luminous Radio Emission from a Starburst Dwarf Galaxy at $z=0.27$. <i>Astrophysical Journal</i> , 2020, 895, 49.	1.6	72
63	ZTF J1901+5309: a 40.6-min orbital period eclipsing double white dwarf system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 494, L91-L96.	1.2	19
64	A Search for Extra-tidal RR Lyrae in Globular Clusters NGC 5024 and NGC 5053. <i>Astronomical Journal</i> , 2020, 160, 31.	1.9	1
65	Cataclysmic Variables in the First Year of the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2020, 159, 198.	1.9	22
66	The First Ultracompact Roche Lobe-Filling Hot Subdwarf Binary. <i>Astrophysical Journal</i> , 2020, 891, 45.	1.6	47
67	Zwicky Transient Facility Constraints on the Optical Emission from the Nearby Repeating FRB 180916.J0158+65. <i>Astrophysical Journal Letters</i> , 2020, 896, L2.	3.0	20
68	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. <i>Physical Review Letters</i> , 2020, 124, 251102.	2.9	226
69	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. <i>Astronomical Journal</i> , 2020, 160, 26.	1.9	28
70	A Twilight Search for Atiras, Vatiras, and Co-orbital Asteroids: Preliminary Results. <i>Astronomical Journal</i> , 2020, 159, 70.	1.9	25
71	The Zwicky Transient Facility: Observing System. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 038001.	1.0	149
72	Understanding extreme quasar optical variability with CRTS II. Changing-state quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4925-4948.	1.6	61

#	ARTICLE	IF	CITATIONS
73	Pre-discovery Activity of New Interstellar Comet 2I/Borisov beyond 5 au. <i>Astronomical Journal</i> , 2020, 159, 77.	1.9	27
74	Synthetic Tracking Using ZTF Deep Drilling Data Sets. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 064502.	1.0	4
75	The Broad-lined Ic Supernova ZTF18aaqjovh (SN 2018bvw): An Optically Discovered Engine-driven Supernova Candidate with Luminous Radio Emission. <i>Astrophysical Journal</i> , 2020, 893, 132.	1.6	11
76	Early Ultraviolet Observations of Type IIa Supernovae Constrain the Asphericity of Their Circumstellar Material. <i>Astrophysical Journal</i> , 2020, 899, 51.	1.6	9
77	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. <i>Astrophysical Journal</i> , 2020, 898, 56.	1.6	32
78	SN 2020bvc: A Broad-line Type Ic Supernova with a Double-peaked Optical Light Curve and a Luminous X-Ray and Radio Counterpart. <i>Astrophysical Journal</i> , 2020, 902, 86.	1.6	25
79	SN2019dqe: A Helium-rich Ultra-stripped Envelope Supernova. <i>Astrophysical Journal</i> , 2020, 900, 46.	1.6	38
80	Chandra Observations of Candidate Subparsec Binary Supermassive Black Holes. <i>Astrophysical Journal</i> , 2020, 900, 148.	1.6	13
81	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. <i>Astrophysical Journal</i> , 2020, 901, 61.	1.6	25
82	ZTF Early Observations of Type Ia Supernovae. II. First Light, the Initial Rise, and Time to Reach Maximum Brightness. <i>Astrophysical Journal</i> , 2020, 902, 47.	1.6	35
83	ZTF Early Observations of Type Ia Supernovae. III. Early-time Colors As a Test for Explosion Models and Multiple Populations. <i>Astrophysical Journal</i> , 2020, 902, 48.	1.6	26
84	SN 2018fif: The Explosion of a Large Red Supergiant Discovered in Its Infancy by the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2020, 902, 6.	1.6	18
85	The Zwicky Transient Facility Census of the Local Universe. I. Systematic Search for Calcium-rich Gap Transients Reveals Three Related Spectroscopic Subclasses. <i>Astrophysical Journal</i> , 2020, 905, 58.	1.6	57
86	Deep Modeling of Quasar Variability. <i>Astrophysical Journal</i> , 2020, 903, 54.	1.6	13
87	A Non-equipartition Shock Wave Traveling in a Dense Circumstellar Environment around SN 2020oi. <i>Astrophysical Journal</i> , 2020, 903, 132.	1.6	19
88	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. <i>Astrophysical Journal</i> , 2020, 904, 35.	1.6	107
89	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. <i>Astrophysical Journal</i> , 2020, 904, 155.	1.6	26
90	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. <i>Astrophysical Journal</i> , 2020, 905, 32.	1.6	62

#	ARTICLE	IF	CITATIONS
91	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
92	ZTF20aajjnsq (AT 2020blt): A Fast Optical Transient at $z \approx 2.9$ with No Detected Gamma-Ray Burst Counterpart. <i>Astrophysical Journal</i> , 2020, 905, 98.	1.6	24
93	A New Class of Roche Lobe-filling Hot Subdwarf Binaries. <i>Astrophysical Journal Letters</i> , 2020, 898, L25.	3.0	33
94	Characterization of Temporarily Captured Minimoons 2020 CD ₃ by Keck Time-resolved Spectrophotometry. <i>Astrophysical Journal Letters</i> , 2020, 900, L45.	3.0	15
95	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. <i>Astrophysical Journal Letters</i> , 2020, 902, L8.	3.0	18
96	An 8.8 Minute Orbital Period Eclipsing Detached Double White Dwarf Binary. <i>Astrophysical Journal Letters</i> , 2020, 905, L7.	3.0	34
97	Gravitational Microlensing Events from the First Year of the Northern Galactic Plane Survey by the Zwicky Transient Facility. <i>Research Notes of the AAS</i> , 2020, 4, 13.	0.3	8
98	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	1.0	453
99	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 878, L5.	3.0	24
100	General relativistic orbital decay in a seven-minute-orbital-period eclipsing binary system. <i>Nature</i> , 2019, 571, 528-531.	13.7	96
101	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 880, L20.	3.0	19
102	Ram-pressure Stripping of a Kicked Hill Sphere: Prompt Electromagnetic Emission from the Merger of Stellar Mass Black Holes in an AGN Accretion Disk. <i>Astrophysical Journal Letters</i> , 2019, 884, L50.	3.0	95
103	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. <i>Astrophysical Journal</i> , 2019, 879, 119.	1.6	38
104	Real-bogus classification for the Zwicky Transient Facility using deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3582-3590.	1.6	94
105	A New Class of Changing-look LINERs. <i>Astrophysical Journal</i> , 2019, 883, 31.	1.6	66
106	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
107	Toward Efficient Detection of Small Near-Earth Asteroids Using the Zwicky Transient Facility (ZTF). <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078002.	1.0	14
108	Changing-look Quasar Candidates: First Results from Follow-up Spectroscopy of Highly Optically Variable Quasars. <i>Astrophysical Journal</i> , 2019, 874, 8.	1.6	106

#	ARTICLE	IF	CITATIONS
109	A New Class of Large-amplitude Radial-mode Hot Subdwarf Pulsators. <i>Astrophysical Journal Letters</i> , 2019, 878, L35.	3.0	32
110	The Zwicky Transient Facility: Surveys and Scheduler. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 068003.	1.0	205
111	DeepStreaks: identifying fast-moving objects in the Zwicky Transient Facility data with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4158-4165.	1.6	24
112	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 038002.	1.0	83
113	<i>Gaia</i> GraL: <i>Gaia</i> DR2 Gravitational Lens Systems. <i>Astronomy and Astrophysics</i> , 2019, 622, A165.	2.1	36
114	Rapid "Turn-on" of Type-1 AGN in a Quiescent Early-type Galaxy SDSS1115+0544. <i>Astrophysical Journal</i> , 2019, 874, 44.	1.6	33
115	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019, 872, 198.	1.6	74
116	ZTF 18aaqesu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. <i>Astrophysical Journal Letters</i> , 2019, 873, L18.	3.0	56
117	2900 Square Degree Search for the Optical Counterpart of Short Gamma-Ray Burst GRB 180523B with the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 048001.	1.0	27
118	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. <i>Astrophysical Journal</i> , 2019, 887, 169.	1.6	55
119	An Unusual Mid-infrared Flare in a Type 2 AGN: An Obscured Turning-on AGN or Tidal Disruption Event?. <i>Astrophysical Journal</i> , 2019, 885, 110.	1.6	14
120	<i>Gaia</i> GraL: <i>Gaia</i> DR2 gravitational lens systems. <i>Astronomy and Astrophysics</i> , 2019, 628, A17.	2.1	5
121	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
122	The Zwicky Transient Facility: Data Processing, Products, and Archive. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018003.	1.0	610
123	The Zwicky Transient Facility Alert Distribution System. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018001.	1.0	106
124	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018002.	1.0	1,020
125	Results of a systematic search for outburst events in 1.4 million galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 98-117.	1.6	8
126	A Flaring AGN in a ULIRG Candidate in Stripe 82. <i>Astrophysical Journal</i> , 2019, 883, 154.	1.6	2

#	ARTICLE	IF	CITATIONS
127	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	1.6	77
128	Simultaneous Observations of the Northern TESS Sectors by the Zwicky Transient Facility. <i>Research Notes of the AAS</i> , 2019, 3, 136.	0.3	11
129	La Serena School for Data Science: multidisciplinary hands-on education in the era of big data. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 458-460.	0.0	0
130	<i>Gaia</i> DR2 gravitational lens systems. <i>Astronomy and Astrophysics</i> , 2018, 618, A56.	2.1	19
131	A new physical interpretation of optical and infrared variability in quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4468-4479.	1.6	82
132	A Luminous Transient Event in a Sample of WISE-selected Variable AGNs. <i>Astrophysical Journal</i> , 2018, 866, 26.	1.6	21
133	A Mid-IR Selected Changing-look Quasar and Physical Scenarios for Abrupt AGN Fading. <i>Astrophysical Journal</i> , 2018, 864, 27.	1.6	109
134	<i>Gaia</i> DR2 gravitational lens systems. <i>Astronomy and Astrophysics</i> , 2018, 616, L11.	2.1	30
135	Luminous WISE-selected Obscured, Unobscured, and Red Quasars in Stripe 82. <i>Astrophysical Journal</i> , 2018, 861, 37.	1.6	38
136	Extreme Variability in a Broad Absorption Line Quasar. <i>Astrophysical Journal</i> , 2017, 839, 106.	1.6	15
137	Solving the puzzle of discrepant quasar variability on monthly time-scales implied by SDSS and CRTS data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4870-4877.	1.6	8
138	Understanding extreme quasar optical variability with CRTS. I. Major AGN flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4112-4132.	1.6	79
139	Deep-Learning the Time Domain. <i>Proceedings of the International Astronomical Union</i> , 2017, 14, 165-171.	0.0	0
140	Nuclear Transients. <i>Proceedings of the International Astronomical Union</i> , 2017, 14, 263-268.	0.0	0
141	A population of short-period variable quasars from PTF as supermassive black hole binary candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2145-2171.	1.6	168
142	Detection of quasars in the time domain. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 231-241.	0.0	0
143	INFRARED TIME LAGS FOR THE PERIODIC QUASAR PG 1302-102. <i>Astrophysical Journal Letters</i> , 2015, 814, L12.	3.0	21
144	A possible close supermassive black-hole binary in a quasar with optical periodicity. <i>Nature</i> , 2015, 518, 74-76.	13.7	250

#	ARTICLE	IF	CITATIONS
145	A systematic search for close supermassive black hole binaries in the Catalina Real-time Transient Survey. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1562-1576.	1.6	216
146	A novel variability-based method for quasar selection: evidence for a rest-frame λ^{1454} characteristic time-scale... Monthly Notices of the Royal Astronomical Society, 2014, 439, 703-718.	1.6	63
147	THE CATALINA SURVEYS PERIODIC VARIABLE STAR CATALOG. Astrophysical Journal, Supplement Series, 2014, 213, 9.	3.0	346
148	Cataclysmic variables from the Catalina Real-time Transient Survey. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1186-1200.	1.6	75
149	Las Cumbres Observatory Global Telescope Network. Publications of the Astronomical Society of the Pacific, 2013, 125, 1031-1055.	1.0	773
150	A comparison of period finding algorithms. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3423-3444.	1.6	78
151	Using conditional entropy to identify periodicity. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2629-2635.	1.6	54
152	PROBING THE OUTER GALACTIC HALO WITH RR LYRAE FROM THE CATALINA SURVEYS. Astrophysical Journal, 2013, 763, 32.	1.6	197
153	Machine-assisted discovery of relationships in astronomy. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2371-2384.	1.6	31
154	DUST REDDENED QUASARS IN FIRST AND UKIDSS: BEYOND THE TIP OF THE ICEBERG. Astrophysical Journal, 2013, 778, 127.	1.6	41
155	Sky Surveys. , 2013, , 223-281.		16
156	Data challenges of time domain astronomy. Distributed and Parallel Databases, 2012, 30, 371-384.	1.0	21
157	The VAO Transient Facility. Proceedings of the International Astronomical Union, 2011, 7, 318-320.	0.0	0
158	The Catalina Real-time Transient Survey. Proceedings of the International Astronomical Union, 2011, 7, 306-308.	0.0	6
159	THE DISCOVERY AND NATURE OF THE OPTICAL TRANSIENT CSS100217:102913+404220 $^{\circ}$, $^{\circ}$. Astrophysical Journal, 2011, 735, 106.	1.6	77
160	DISCOVERY OF THE EXTREMELY ENERGETIC SUPERNOVA 2008fz. Astrophysical Journal Letters, 2010, 718, L127-L131.	3.0	51
161	FIRST RESULTS FROM THE CATALINA REAL-TIME TRANSIENT SURVEY. Astrophysical Journal, 2009, 696, 870-884.	1.6	993
162	PGIR 20eid (SN2020qmp): A Type IIP Supernova at 15.6 Mpc discovered by the Palomar Gattini-IR survey. Astronomy and Astrophysics, 0, , .	2.1	0