

John Tonry

List of Publications by Year in descending order

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87888

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123424

61
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63
all docs

63
docs citations

63
times ranked

13969
citing authors

#	ARTICLE	IF	CITATIONS
1	Apophis Planetary Defense Campaign. Planetary Science Journal, 2022, 3, 123.	3.6	4
2	Comparison of the Physical Properties of the L4 and L5 Trojan Asteroids from ATLAS Data. Planetary Science Journal, 2021, 2, 6.	3.6	6
3	NEO Population, Velocity Bias, and Impact Risk from an ATLAS Analysis. Planetary Science Journal, 2021, 2, 12.	3.6	7
4	ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003. Astrophysical Journal, 2021, 910, 125.	4.5	45
5	Discovery of superslow rotating asteroids with ATLAS and ZTF photometry. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3872-3881.	4.4	9
6	New or Increased Cometary Activity in (2060) 95P/Chiron. Research Notes of the AAS, 2021, 5, 211.	0.7	3
7	Investigating Taxonomic Diversity within Asteroid Families through ATLAS Dual-band Photometry. Astrophysical Journal, Supplement Series, 2020, 247, 13.	7.7	15
8	Beyond Gaia: Asteroseismic Distances of M Giants Using Ground-based Transient Surveys. Astronomical Journal, 2020, 160, 18.	4.7	13
9	The Outburst of the Young Star Gaia19bey. Astronomical Journal, 2020, 160, 164.	4.7	14
10	Pan-STARRS Photometric and Astrometric Calibration. Astrophysical Journal, Supplement Series, 2020, 251, 6.	7.7	138
11	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. Astrophysical Journal, Supplement Series, 2020, 251, 4.	7.7	77
12	The Pan-STARRS1 Database and Data Products. Astrophysical Journal, Supplement Series, 2020, 251, 7.	7.7	348
13	Supermassive Black Hole Binary Candidates from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2019, 884, 36.	4.5	59
14	PS18kh: A New Tidal Disruption Event with a Non-axisymmetric Accretion Disk. Astrophysical Journal, 2019, 880, 120.	4.5	68
15	The Sporadic Activity of (6478) Gault: A YORP-driven Event?. Astrophysical Journal Letters, 2019, 874, L20.	8.3	33
16	The New EXor Outburst of ESO-H1± 99 Observed by Gaia ATLAS and TESS. Astronomical Journal, 2019, 158, 241.	4.7	17
17	Measuring Dark Energy Properties with Photometrically Classified Pan-STARRS Supernovae. II. Cosmological Parameters. Astrophysical Journal, 2018, 857, 51.	4.5	116
18	Interstellar Interlopers: Number Density and Origin of ∼Oumuamua-like Objects. Astrophysical Journal Letters, 2018, 855, L10.	8.3	121

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19	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. <i>Astrophysical Journal Letters</i> , 2018, 854, L14.	8.3	28
20	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , 2018, 865, L3.	8.3	146
21	The ATLAS All-Sky Stellar Reference Catalog. <i>Astrophysical Journal</i> , 2018, 867, 105.	4.5	137
22	Cepheids in M31: The PAndromeda Cepheid Sample. <i>Astronomical Journal</i> , 2018, 156, 130.	4.7	15
23	A First Catalog of Variable Stars Measured by the Asteroid Terrestrial-impact Last Alert System (ATLAS). <i>Astronomical Journal</i> , 2018, 156, 241.	4.7	195
24	The Profile of the Galactic Halo from Pan-STARRS1 δ RR Lyrae. <i>Astrophysical Journal</i> , 2018, 859, 31.	4.5	33
25	The Complete Light-curve Sample of Spectroscopically Confirmed SNe Ia from Pan-STARRS1 and Cosmological Constraints from the Combined Pantheon Sample. <i>Astrophysical Journal</i> , 2018, 859, 101.	4.5	1,694
26	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. <i>Astronomical Journal</i> , 2017, 153, 204.	4.7	112
27	Foreground and Sensitivity Analysis for Broadband (2D) $21\text{ cm Ly}\alpha$ and 21 cm H I Correlation Experiments Probing the Epoch of Reionization. <i>Astrophysical Journal</i> , 2017, 849, 50.	4.5	4
28	Constraints on the Progenitor of SN 2016gkg from Its Shock-cooling Light Curve. <i>Astrophysical Journal Letters</i> , 2017, 837, L2.	8.3	49
29	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. <i>Astrophysical Journal</i> , 2017, 850, 149.	4.5	38
30	Detection of Time Lags between Quasar Continuum Emission Bands Based On Pan-STARRS Light Curves. <i>Astrophysical Journal</i> , 2017, 836, 186.	4.5	50
31	A SYSTEMATIC SEARCH FOR PERIODICALLY VARYING QUASARS IN PAN-STARRS1: AN EXTENDED BASELINE TEST IN MEDIUM DEEP SURVEY FIELD MD09. <i>Astrophysical Journal</i> , 2016, 833, 6.	4.5	56
32	A GLOBAL ASTROMETRIC SOLUTION FOR PAN-STARRS REFERENCED TO ICRF2. <i>Astronomical Journal</i> , 2016, 152, 53.	4.7	10
33	DISCOVERY OF A NEW RETROGRADE TRANS-NEPTUNIAN OBJECT: HINT OF A COMMON ORBITAL PLANE FOR LOW SEMIMAJOR AXIS, HIGH-INCLINATION TNOs AND CENTAURS. <i>Astrophysical Journal Letters</i> , 2016, 827, L24.	8.3	70
34	A SEARCH FOR AN OPTICAL COUNTERPART TO THE GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 827, L40.	8.3	38
35	LIGHT CURVES OF 213 TYPE Ia SUPERNOVAE FROM THE ESSENCE SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 3.	7.7	20
36	THE PAN-STARRS 1 DISCOVERIES OF FIVE NEW NEPTUNE TROJANS. <i>Astronomical Journal</i> , 2016, 152, 147.	4.7	11

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37	BROWN DWARFS IN YOUNG MOVING GROUPS FROM PAN-STARRS1. I. AB DORADUS. <i>Astrophysical Journal</i> , 2016, 821, 120.	4.5	37
38	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. <i>Astrophysical Journal</i> , 2015, 810, 25.	4.5	408
39	SAGITTARIUS II, DRACO II AND LAEVENS 3: THREE NEW MILKY WAY SATELLITES DISCOVERED IN THE PAN-STARRS 1 SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 44.	4.5	196
40	A SEARCH FOR L/T TRANSITION DWARFS WITH PAN-STARRS1 AND WISE. II. L/T TRANSITION ATMOSPHERES AND YOUNG DISCOVERIES. <i>Astrophysical Journal</i> , 2015, 814, 118.	4.5	57
41	Detection of a supervoid aligned with the cold spot of the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 288-294.	4.4	69
42	DISCOVERY OF EIGHT $z \sim 6$ QUASARS FROM Pan-STARRS1. <i>Astronomical Journal</i> , 2014, 148, 14.	4.7	126
43	HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE AND LONG-DURATION GAMMA-RAY BURSTS HAVE SIMILAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2014, 787, 138.	4.5	221
44	A NEW DISTANT MILKY WAY GLOBULAR CLUSTER IN THE PAN-STARRS1 SURVEY. <i>Astrophysical Journal Letters</i> , 2014, 786, L3.	8.3	88
45	MEASURING DISTANCES AND REDDENINGS FOR A BILLION STARS: TOWARD A 3D DUST MAP FROM PAN-STARRS 1. <i>Astrophysical Journal</i> , 2014, 783, 114.	4.5	84
46	A MAP OF DUST REDDENING TO 4.5 kpc FROM Pan-STARRS1. <i>Astrophysical Journal</i> , 2014, 789, 15.	4.5	85
47	The Pan-STARRS wide-field optical/NIR imaging survey. <i>Proceedings of SPIE</i> , 2010, , .	0.8	337
48	New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z \approx 1$: Narrowing Constraints on the Early Behavior of Dark Energy. <i>Astrophysical Journal</i> , 2007, 659, 98-121.	4.5	1,430
49	Discovery of Strong Lensing by an Elliptical Galaxy at $z = 0.0345$. <i>Astrophysical Journal</i> , 2005, 625, L103-L106.	4.5	20
50	Type Ia Supernova Discoveries at $z > 1$ from the Hubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution. <i>Astrophysical Journal</i> , 2004, 607, 665-687.	4.5	3,498
51	Identification of Type Ia Supernovae at Redshift 1.3 and Beyond with the Advanced Camera for Surveys on the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2004, 600, L163-L166.	4.5	66
52	Discovery of a Methane Dwarf from the IACDF Deep Survey. <i>Astrophysical Journal</i> , 2002, 568, L107-L111.	4.5	21
53	The Farthest Known Supernova: Support for an Accelerating Universe and a Glimpse of the Epoch of Deceleration. <i>Astrophysical Journal</i> , 2001, 560, 49-71.	4.5	759
54	Optical Spectra of Type Ia Supernovae at $z \approx 0.46$ and $z \approx 1.2$. <i>Astrophysical Journal</i> , 2000, 544, L111-L114.	4.5	49

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55	Tests of the Accelerating Universe with Near-Infrared Observations of a High-Redshift Type Ia Supernova. <i>Astrophysical Journal</i> , 2000, 536, 62-67.	4.5	164
56	The Orthogonal Transfer CCD. <i>Experimental Astronomy</i> , 1998, 8, 77-87.	3.7	6
57	Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant. <i>Astronomical Journal</i> , 1998, 116, 1009-1038.	4.7	14,196
58	The High- z Supernova Search: Measuring Cosmic Deceleration and Global Curvature of the Universe Using Type Ia Supernovae. <i>Astrophysical Journal</i> , 1998, 507, 46-63.	4.5	1,194
59	Supernova Limits on the Cosmic Equation of State. <i>Astrophysical Journal</i> , 1998, 509, 74-79.	4.5	660
60	A redshift survey of IRAS galaxies. VII - The infrared and redshift data for the 1.936 Jansky sample. <i>Astrophysical Journal, Supplement Series</i> , 1992, 83, 29.	7.7	301
61	A new technique for measuring extragalactic distances. <i>Astronomical Journal</i> , 1988, 96, 807.	4.7	276