Jason Surace

List of Publications by Year in descending order

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Version: 2024-02-01

25 papers	4,241 citations	430874 18 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	5582 citing authors

#	Article	IF	Citations
1	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	3.1	1,020
2	The Palomar Transient Factory: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2009, 121, 1395-1408.	3.1	900
3	SWIRE: TheSIRTFWideâ€Area Infrared Extragalactic Survey. Publications of the Astronomical Society of the Pacific, 2003, 115, 897-927.	3.1	593
4	Absolute Calibration of the Infrared Array Camera on theSpitzer Space Telescope. Publications of the Astronomical Society of the Pacific, 2005, 117, 978-990.	3.1	497
5	PRECURSORS PRIOR TO TYPE IIn SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. Astrophysical Journal, 2014, 789, 104.	4.5	175
6	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. Astrophysical Journal Letters, 2013, 775, L7.	8.3	169
7	Photometric redshifts in the SWIRE Survey. Monthly Notices of the Royal Astronomical Society, 2008, 386, 697-714.	4.4	158
8	First Insights into the Spitzer Wideâ€Area Infrared Extragalactic Legacy Survey (SWIRE) Galaxy Populations. Astrophysical Journal, Supplement Series, 2004, 154, 54-59.	7.7	137
9	REPEATABILITY AND ACCURACY OF EXOPLANET ECLIPSE DEPTHS MEASURED WITH POST-CRYOGENIC SPITZER. Astronomical Journal, 2016, 152, 44.	4.7	102
10	The IPAC Image Subtraction and Discovery Pipeline for the Intermediate Palomar Transient Factory. Publications of the Astronomical Society of the Pacific, 2017, 129, 014002.	3.1	80
11	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. Astrophysical Journal, 2017, 836, 158.	4.5	79
12	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. Astrophysical Journal, 2017, 839, 88.	4.5	75
13	ASTEROID LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY SURVEY: ROTATION PERIODS AND PHASE FUNCTIONS FROM SPARSE PHOTOMETRY. Astronomical Journal, 2015, 150, 75.	4.7	66
14	ASTEROID SPIN-RATE STUDY USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2015, 219, 27.	7.7	33
15	An Application of Multi-band Forced Photometry to One Square Degree of SERVS: Accurate Photometric Redshifts and Implications for Future Science. Astrophysical Journal, Supplement Series, 2017, 230, 9.	7.7	24
16	Keck OSIRIS AO LIRG Analysis (KOALA): Feedback in the Nuclei of Luminous Infrared Galaxies. Astrophysical Journal, 2019, 871, 166.	4.5	23
17	THE MID-INFRARED LIGHT CURVE OF NEARBY CORE-COLLAPSE SUPERNOVA SN 2011dh (PTF 11eon). Astrophysical Journal Letters, 2013, 778, L19.	8.3	19
18	313 NEW ASTEROID ROTATION PERIODS FROM PALOMAR TRANSIENT FACTORY OBSERVATIONS. Astrophysical Journal, 2014, 788, 17.	4.5	19

#	Article	IF	Citations
19	A NEW LARGE SUPER-FAST ROTATOR: (335433) 2005 UW163. Astrophysical Journal Letters, 2014, 791, L35.	8.3	19
20	Warm Molecular Hydrogen in Nearby, Luminous Infrared Galaxies. Astronomical Journal, 2018, 156, 295.	4.7	15
21	LARGE SUPER-FAST ROTATOR HUNTING USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2016, 227, 20.	7.7	12
22	THE PALOMAR TRANSIENT FACTORY AND RR LYRAE: THE METALLICITYâ€“LIGHT CURVE RELATION BASED ON AB-TYPE RR LYRAE IN THE KEPLER FIELD. Astrophysical Journal, Supplement Series, 2016, 227, 30.	7.7	10
23	Searching for Be Stars in the Open Clusters with PTF/iPTF. I. Cluster Sample and Be Star Candidates. Astronomical Journal, 2018, 155, 91.	4.7	7
24	Multiband Optical and Near-Infrared Properties of Faint Submillimeter Galaxies with Serendipitous ALMA Detections. Astrophysical Journal, 2019, 871, 109.	4.5	5
25	Asteroid spin-rate studies using large sky-field surveys. Geoscience Letters, 2017, 4, .	3.3	4