

Mark E Huber

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,074
citations

186265

28
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

4780
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rapid X-Ray and UV Evolution of ASASSN-14ko. <i>Astrophysical Journal</i> , 2022, 926, 142.	4.5	12
2	The Curious Case of ASASSN-20hx: A Slowly Evolving, UV- and X-Ray-Luminous, Ambiguous Nuclear Transient. <i>Astrophysical Journal</i> , 2022, 930, 12.	4.5	23
3	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	4.5	52
4	The Changing-look Blazar B2 1420+32. <i>Astrophysical Journal</i> , 2021, 913, 146.	4.5	12
5	SN 2019yvq Does Not Conform to SN Ia Explosion Models. <i>Astrophysical Journal</i> , 2021, 914, 50.	4.5	15
6	SN2017jgh: a high-cadence complete shock cooling light curve of a SN ^{II} b with the <i>Kepler</i> telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3125-3138.	4.4	7
7	Ram pressure candidates in UNIONS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1342-1357.	4.4	11
8	The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021, 923, 267.	4.5	7
9	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in <i>Kepler</i> (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	4.5	10
10	The Lowest of the Low: Discovery of SN 2019gsc and the Nature of Faint Iax Supernovae. <i>Astrophysical Journal Letters</i> , 2020, 892, L24.	8.3	20
11	PS15cey and PS17cke: prospective candidates from the Pan-STARRS Search for kilonovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4213-4228.	4.4	13
12	The Outburst of the Young Star Gaia19bey. <i>Astronomical Journal</i> , 2020, 160, 164.	4.7	14
13	Orphan GRB Afterglow Searches with the Pan-STARRS1 COSMOS Survey. <i>Astrophysical Journal</i> , 2020, 897, 69.	4.5	14
14	The Pan-STARRS Data-processing System. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 3.	7.7	68
15	Pan-STARRS Photometric and Astrometric Calibration. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 6.	7.7	138
16	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 4.	7.7	77
17	Pan-STARRS Pixel Analysis: Source Detection and Characterization. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 5.	7.7	65
18	The Pan-STARRS1 Database and Data Products. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 7.	7.7	348

#	ARTICLE	IF	CITATIONS
19	Asteroid Discovery and Light Curve Extraction Using the Hough Transform: A Rotation Period Study for Subkilometer Main-belt Asteroids. <i>Astronomical Journal</i> , 2020, 159, 25.	4.7	6
20	Supermassive Black Hole Binary Candidates from the Pan-STARRS1 Medium Deep Survey. <i>Astrophysical Journal</i> , 2019, 884, 36.	4.5	59
21	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. <i>Astrophysical Journal Letters</i> , 2019, 885, L23.	8.3	28
22	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. <i>Astrophysical Journal</i> , 2019, 881, 19.	4.5	67
23	PS18kh: A New Tidal Disruption Event with a Non-axisymmetric Accretion Disk. <i>Astrophysical Journal</i> , 2019, 880, 120.	4.5	68
24	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	4.5	32
25	All-sky Measurement of the Anisotropy of Cosmic Rays at 10 TeV and Mapping of the Local Interstellar Magnetic Field. <i>Astrophysical Journal</i> , 2019, 871, 96.	4.5	32
26	Detection of the Temporal Variation of the Sun's Cosmic Ray Shadow with the IceCube Detector. <i>Astrophysical Journal</i> , 2019, 872, 133.	4.5	7
27	Searching for Super-fast Rotators Using the Pan-STARRS 1. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 6.	7.7	12
28	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. <i>Astrophysical Journal Letters</i> , 2018, 855, L6.	8.3	17
29	Measuring Dark Energy Properties with Photometrically Classified Pan-STARRS Supernovae. II. Cosmological Parameters. <i>Astrophysical Journal</i> , 2018, 857, 51.	4.5	116
30	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , 2018, 865, L3.	8.3	146
31	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. <i>Astrophysical Journal</i> , 2018, 867, 108.	4.5	98
32	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , 2018, 2, 574-579.	10.1	26
33	On the nature of hydrogen-rich superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1046-1072.	4.4	65
34	PanSTARRS1 Observations of the Kepler/K2 Campaign 16 and 17 Fields. <i>Research Notes of the AAS</i> , 2018, 2, 178.	0.7	4
35	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 837, L3.	8.3	24
36	THE CONTRIBUTION OF FERMI-2LAC BLAZARS TO DIFFUSE TEV-PEV NEUTRINO FLUX. <i>Astrophysical Journal</i> , 2017, 835, 45.	4.5	186

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37	Measuring the Properties of Dark Energy with Photometrically Classified Pan-STARRS Supernovae. I. Systematic Uncertainty from Core-collapse Supernova Contamination. <i>Astrophysical Journal</i> , 2017, 843, 6.	4.5	47
38	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. <i>Astrophysical Journal</i> , 2017, 850, 149.	4.5	38
39	THE GALEX TIME DOMAIN SURVEY. II. WAVELENGTH-DEPENDENT VARIABILITY OF ACTIVE GALACTIC NUCLEI IN THE PAN-STARRS1 MEDIUM DEEP SURVEY. <i>Astrophysical Journal</i> , 2016, 833, 226.	4.5	12
40	M DWARF ACTIVITY IN THE PAN-STARRS1 MEDIUM-DEEP SURVEY: FIRST CATALOG AND ROTATION PERIODS. <i>Astrophysical Journal</i> , 2016, 833, 281.	4.5	10
41	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
42	A SEARCH FOR AN OPTICAL COUNTERPART TO THE GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 827, L40.	8.3	38
43	AN ALL-SKY SEARCH FOR THREE FLAVORS OF NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE ICECUBE NEUTRINO OBSERVATORY. <i>Astrophysical Journal</i> , 2016, 824, 115.	4.5	109
44	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2016, 826, 39.	4.5	133
45	SUPERCAL: CROSS-CALIBRATION OF MULTIPLE PHOTOMETRIC SYSTEMS TO IMPROVE COSMOLOGICAL MEASUREMENTS WITH TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 117.	4.5	117
46	A PERIODICALLY VARYING LUMINOUS QUASAR AT $z = 2$ FROM THE PAN-STARRS1 MEDIUM DEEP SURVEY: A CANDIDATE SUPERMASSIVE BLACK HOLE BINARY IN THE GRAVITATIONAL WAVE-DRIVEN REGIME. <i>Astrophysical Journal Letters</i> , 2015, 803, L16.	8.3	75
47	SUPER-LUMINOUS TYPE Ic SUPERNOVAE: CATCHING A MAGNETAR BY THE TAIL. <i>Astrophysical Journal</i> , 2013, 770, 128.	4.5	332
48	THE GALEX TIME DOMAIN SURVEY. I. SELECTION AND CLASSIFICATION OF OVER A THOUSAND ULTRAVIOLET VARIABLE SOURCES. <i>Astrophysical Journal</i> , 2013, 766, 60.	4.5	48
49	Testing LMC Microlensing Scenarios: The Discrimination Power of the SuperMACHO Microlensing Survey. <i>Astrophysical Journal</i> , 2005, 634, 1103-1115.	4.5	160