

Matthew Siebert

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,686
citations

411340

20
h-index

620720

26
g-index

26
all docs

26
docs citations

26
times ranked

3505
citing authors

#	ARTICLE	IF	CITATIONS
1	Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2777-2797.	1.6	17
2	Final Moments. I. Precursor Emission, Envelope Inflation, and Enhanced Mass Loss Preceding the Luminous Type II Supernova 2020tlf. <i>Astrophysical Journal</i> , 2022, 924, 15.	1.6	59
3	The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. <i>Astrophysical Journal</i> , 2022, 926, 20.	1.6	27
4	A Carbon/Oxygen-dominated Atmosphere Days after Explosion for the "Super-Chandrasekhar" Type Ia SN 2020esm. <i>Astrophysical Journal</i> , 2022, 927, 78.	1.6	15
5	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. <i>Astrophysical Journal</i> , 2022, 932, 58.	1.6	15
6	Cosmological Results from the RAISIN Survey: Using Type Ia Supernovae in the Near Infrared as a Novel Path to Measure the Dark Energy Equation of State. <i>Astrophysical Journal</i> , 2022, 933, 172.	1.6	25
7	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	1.6	52
8	Understanding Type Ia Supernova Distance Biases by Simulating Spectral Variations. <i>Astrophysical Journal</i> , 2021, 911, 96.	1.6	7
9	SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. <i>Astrophysical Journal</i> , 2021, 923, 265.	1.6	40
10	The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021, 923, 267.	1.6	7
11	A possible distance bias for type Ia supernovae with different ejecta velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5713-5725.	1.6	16
12	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
13	To TDE or not to TDE: the luminous transient ASASSN-18jd with TDE-like and AGN-like qualities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2538-2560.	1.6	34
14	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
15	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. <i>Astrophysical Journal</i> , 2019, 881, 19.	1.6	67
16	Investigating the diversity of Type Ia supernova spectra with the open-source relational data base kaepora. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5785-5808.	1.6	27
17	The Foundation Supernova Survey: motivation, design, implementation, and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 193-219.	1.6	88
18	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SNIIn. <i>Astrophysical Journal Letters</i> , 2018, 867, L31.	3.0	33

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19	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. <i>Astrophysical Journal</i> , 2018, 867, 108.	1.6	98
20	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	6.0	811
21	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	6.0	517
22	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	6.0	203
23	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017, 358, 1574-1578.	6.0	240
24	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	3.0	101
25	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017, 848, L26.	3.0	31
26	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source*. <i>Astrophysical Journal Letters</i> , 2017, 848, L30.	3.0	54