Matthew Siebert

List of Publications by Year
in descending order

26 papers	2,686 citations	361413 20 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	3344 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. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2777-2797.	4.4	17
2	Final Moments. I. Precursor Emission, Envelope Inflation, and Enhanced Mass Loss Preceding the Luminous Type II Supernova 2020tlf. Astrophysical Journal, 2022, 924, 15.	4.5	59
3	The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. Astrophysical Journal, 2022, 926, 20.	4.5	27
4	A Carbon/Oxygen-dominated Atmosphere Days after Explosion for the â€œSuper-Chandrasekharâ€•Type Ia SN 2020esm. Astrophysical Journal, 2022, 927, 78.	4.5	15
5	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58.	4.5	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. Astrophysical Journal, 2022, 933, 172.	4.5	25
7	The Young Supernova Experiment: Survey Goals, Overview, and Operations. Astrophysical Journal, 2021, 908, 143.	4.5	52
8	Understanding Type Ia Supernova Distance Biases by Simulating Spectral Variations. Astrophysical Journal, 2021, 911, 96.	4.5	7
9	SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. Astrophysical Journal, 2021, 923, 265.	4.5	40
10	The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. Astrophysical Journal, 2021, 923, 267.	4.5	7
11	A possible distance bias for type Ia supernovae with different ejecta velocities. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5713-5725.	4.4	16
12	Discovery and follow-up of ASASSN-19dj: an X-ray and UV luminous TDE in an extreme post-starburst galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1673-1696.	4.4	64
13	To TDE or not to TDE: the luminous transient ASASSN-18jd with TDE-like and AGN-like qualities. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2538-2560.	4.4	34
14	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. Astrophysical Journal, 2019, 879, 119.	4.5	38
15	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. Astrophysical Journal, 2019, 881, 19.	4.5	67
16	Investigating the diversity of Type Ia supernova spectra with the open-source relational data base kaepora. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5785-5808.	4.4	27
17	The Foundation Supernova Survey: motivation, design, implementation, and first data release. Monthly Notices of the Royal Astronomical Society, 2018, 475, 193-219.	4.4	88
18	SNÂ2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SNÂIIn. Astrophysical Journal Letters, 2018, 867, L31.	8.3	33

#	Article	IF	Citations
19	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. Astrophysical Journal, 2018, 867, 108.	4.5	98
20	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. Science, 2017, 358, 1556-1558.	12.6	811
21	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. Science, 2017, 358, 1570-1574.	12.6	517
22	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. Science, 2017, 358, 1583-1587.	12.6	203
23	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. Science, 2017, 358, 1574-1578.	12.6	240
24	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. Astrophysical Journal Letters, 2017, 848, L34.	8.3	101
25	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. Astrophysical Journal Letters, 2017, 848, L26.	8.3	31
26	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source*. Astrophysical Journal Letters, 2017, 848, L30.	8.3	54