

Matthew Siebert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10061865/publications.pdf>

Version: 2024-02-01

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	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	12.6	811
2	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	12.6	517
3	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017, 358, 1574-1578.	12.6	240
4	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	12.6	203
5	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	8.3	101
6	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. <i>Astrophysical Journal</i> , 2018, 867, 108.	4.5	98
7	The Foundation Supernova Survey: motivation, design, implementation, and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 193-219.	4.4	88
8	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. <i>Astrophysical Journal</i> , 2019, 881, 19.	4.5	67
9	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.	4.4	64
10	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.	4.5	59
11	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source*. <i>Astrophysical Journal Letters</i> , 2017, 848, L30.	8.3	54
12	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	4.5	52
13	SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. <i>Astrophysical Journal</i> , 2021, 923, 265.	4.5	40
14	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. <i>Astrophysical Journal</i> , 2019, 879, 119.	4.5	38
15	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.	4.4	34
16	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN II _n . <i>Astrophysical Journal Letters</i> , 2018, 867, L31.	8.3	33
17	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017, 848, L26.	8.3	31
18	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.	4.4	27

#	ARTICLE	IF	CITATIONS
19	The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. <i>Astrophysical Journal</i> , 2022, 926, 20.	4.5	27
20	Cosmological Results from the RAISON 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.	4.5	25
21	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.	4.4	17
22	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.	4.4	16
23	A Carbon/Oxygen-dominated Atmosphere Days after Explosion for the "Super-Chandrasekhar" Type Ia SN 2020esm. <i>Astrophysical Journal</i> , 2022, 927, 78.	4.5	15
24	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. <i>Astrophysical Journal</i> , 2022, 932, 58.	4.5	15
25	Understanding Type Ia Supernova Distance Biases by Simulating Spectral Variations. <i>Astrophysical Journal</i> , 2021, 911, 96.	4.5	7
26	The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021, 923, 267.	4.5	7