

Joseph Anderson

List of Publications by Year in descending order

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101
papers

5,306
citations

53751

45
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88593

70
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105
all docs

105
docs citations

105
times ranked

3311
citing authors

#	ARTICLE	IF	CITATIONS
1	TYPE Iax SUPERNOVAE: A NEW CLASS OF STELLAR EXPLOSION. <i>Astrophysical Journal</i> , 2013, 767, 57.	1.6	295
2	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010, 465, 322-325.	13.7	273
3	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015, 579, A40.	2.1	239
4	Spectroscopy of superluminous supernova host galaxies. A preference of hydrogen-poor events for extreme emission line galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 917-932.	1.6	174
5	Carnegie Supernova Project: Observations of Type II _n supernovae. <i>Astronomy and Astrophysics</i> , 2013, 555, A10.	2.1	151
6	Design and Operation of the ATLAS Transient Science Server. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 085002.	1.0	138
7	Superluminous supernovae from PESSTO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2096-2113.	1.6	135
8	Progenitor mass constraints for core-collapse supernovae from correlations with host galaxy star formation... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1372-1391.	1.6	134
9	MULTI-WAVELENGTH OBSERVATIONS OF THE ENDURING TYPE II _n SUPERNOVAE 2005ip AND 2006jd. <i>Astrophysical Journal</i> , 2012, 756, 173.	1.6	131
10	Cosmic evolution and metal aversion in superluminous supernova host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1258-1285.	1.6	120
11	The rise-time of Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2212-2229.	1.6	102
12	The shape of oxygen abundance profiles explored with MUSE: evidence for widespread deviations from single gradients. <i>Astronomy and Astrophysics</i> , 2018, 609, A119.	2.1	102
13	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. <i>Astrophysical Journal Letters</i> , 2015, 807, L18.	3.0	98
14	Characterizing the environments of supernovae with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4087-4099.	1.6	91
15	Type II Supernova Spectral Diversity. I. Observations, Sample Characterization, and Spectral Line Evolution*. <i>Astrophysical Journal</i> , 2017, 850, 89.	1.6	87
16	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am^{âˆ—}. <i>Astrophysical Journal</i> , 2018, 853, 62.	1.6	87
17	The delay of shock breakout due to circumstellar material evident in most type II supernovae. <i>Nature Astronomy</i> , 2018, 2, 808-818.	4.2	86
18	SN 2009bb: A PECULIAR BROAD-LINED TYPE Ic SUPERNOVA,. <i>Astrophysical Journal</i> , 2011, 728, 14.	1.6	83

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19	PISCO: The PMAS/PPak Integral-field Supernova Hosts Compilation. <i>Astrophysical Journal</i> , 2018, 855, 107.	1.6	81
20	Observational constraints on the progenitor metallicities of core-collapse supernovae.... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2660-2672.	1.6	74
21	Complexity in the light curves and spectra of slow-evolving superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4642-4662.	1.6	74
22	Environment-derived constraints on the progenitors of low-luminosity Type I supernovae.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 527-541.	1.6	66
23	SPECTROSCOPIC OBSERVATIONS OF SN 2012fr: A LUMINOUS, NORMAL TYPE Ia SUPERNOVA WITH EARLY HIGH-VELOCITY FEATURES AND A LATE VELOCITY PLATEAU. <i>Astrophysical Journal</i> , 2013, 770, 29.	1.6	66
24	On the nature of hydrogen-rich superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1046-1072.	1.6	65
25	A meta-analysis of core-collapse supernova ^{56}Ni masses. <i>Astronomy and Astrophysics</i> , 2019, 628, A7.	2.1	64
26	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
27	SN 2009N: linking normal and subluminous Type II-P SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 368-387.	1.6	62
28	H \pm SPECTRAL DIVERSITY OF TYPE II SUPERNOVAE: CORRELATIONS WITH PHOTOMETRIC PROPERTIES. <i>Astrophysical Journal Letters</i> , 2014, 786, L15.	3.0	62
29	An outflow powers the optical rise of the nearby, fast-evolving tidal disruption event AT2019qiz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 482-504.	1.6	58
30	The AMUSING++ Nearby Galaxy Compilation. I. Full Sample Characterization and Galactic-scale Outflow Selection. <i>Astronomical Journal</i> , 2020, 159, 167.	1.9	58
31	Two transitional type Ia supernovae located in the Fornax cluster member NGC 1404: SN 2007on and SN 2011iv. <i>Astronomy and Astrophysics</i> , 2018, 611, A58.	2.1	57
32	PESSTO monitoring of SN 2012hn: further heterogeneity among faint Type I supernovae.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1519-1533.	1.6	56
33	Hot gas around SN 1998bw: Inferring the progenitor from its environment. <i>Astronomy and Astrophysics</i> , 2017, 602, A85.	2.1	56
34	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z < 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014001.	1.0	56
35	A comparative study of Type II-P and II-L supernova rise times as exemplified by the case of LSQ13cuw. <i>Astronomy and Astrophysics</i> , 2015, 582, A3.	2.1	55
36	Constraints on core-collapse supernova progenitors from explosion site integral field spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 613, A35.	2.1	55

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37	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. Publications of the Astronomical Society of the Pacific, 2019, 131, 014002.	1.0	55
38	SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1807-1828.	1.6	54
39	EVIDENCE OF ONGOING RADIAL MIGRATION IN NGC 6754: AZIMUTHAL VARIATIONS OF THE GAS PROPERTIES. Astrophysical Journal Letters, 2016, 830, L40.	3.0	50
40	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. Astrophysical Journal Letters, 2017, 836, L12.	3.0	49
41	Analysis of blueshifted emission peaks in Type II supernovae. Monthly Notices of the Royal Astronomical Society, 2014, 441, 671-680.	1.6	48
42	Pan-STARRS and PESSTO search for an optical counterpart to the LIGO gravitational-wave source GW150914. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4094-4116.	1.6	48
43	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. Nature Astronomy, 2017, 1, 713-720.	4.2	48
44	Type II Supernova Spectral Diversity. II. Spectroscopic and Photometric Correlations. Astrophysical Journal, 2017, 850, 90.	1.6	48
45	Environments of interacting transients: impostors and Type IIIn supernovae. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2230-2252.	1.6	46
46	Nebular phase observations of the Type-Ib supernova iPTF13bvn favour a binary progenitor. Astronomy and Astrophysics, 2015, 579, A95.	2.1	46
47	The Type II supernovae 2006V and 2006au: two SN 1987A-like events. Astronomy and Astrophysics, 2012, 537, A140.	2.1	45
48	THE HIGH CADENCE TRANSIENT SURVEY (HITS). I. SURVEY DESIGN AND SUPERNOVA SHOCK BREAKOUT CONSTRAINTS. Astrophysical Journal, 2016, 832, 155.	1.6	44
49	Type II supernovae as probes of environment metallicity: observations of host H II regions. Astronomy and Astrophysics, 2016, 589, A110.	2.1	43
50	Nebular spectra of 111 Type Ia supernovae disfavour single-degenerate progenitors. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1044-1062.	1.6	42
51	Type II Plateau supernovae as metallicity probes of the Universe. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1856-1864.	1.6	41
52	Supernova 2008J: early time observations of a heavily reddened SN 2002ic-like transient. Astronomy and Astrophysics, 2012, 545, L7.	2.1	40
53	MUSE REVEALS A RECENT MERGER IN THE POST-STARBURST HOST GALAXY OF THE TDE ASASSN-14li. Astrophysical Journal Letters, 2016, 830, L32.	3.0	40
54	Investigating the diversity of supernovae type Ia: a MUSE and NOT spectroscopic study of their environments. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1359-1387.	1.6	40

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55	A HUBBLE DIAGRAM FROM TYPE II SUPERNOVAE BASED SOLELY ON PHOTOMETRY: THE PHOTOMETRIC COLOR METHOD. <i>Astrophysical Journal</i> , 2015, 815, 121.	1.6	37
56	Census of H α regions in NGC 6754 derived with MUSE: Constraints on the metal mixing scale. <i>Astronomy and Astrophysics</i> , 2015, 573, A105.	2.1	36
57	A nearby super-luminous supernova with a long pre-maximum & "plateau" and strong C \equiv II features. <i>Astronomy and Astrophysics</i> , 2018, 620, A67.	2.1	36
58	The tidal disruption event AT α 2018hyz I. Double-peaked emission lines and a flat Balmer decrement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4119-4133.	1.6	35
59	The Carnegie Supernova Project I. <i>Astronomy and Astrophysics</i> , 2018, 609, A134.	2.1	34
60	SN α 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN α II. <i>Astrophysical Journal Letters</i> , 2018, 867, L31.	3.0	33
61	Accretion disc cooling and narrow absorption lines in the tidal disruption event AT α 2019dsg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 792-815.	1.6	30
62	Observed Type II supernova colours from the Carnegie Supernova Project-I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4592-4616.	1.6	26
63	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3232-3253.	1.6	26
64	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , 2018, 2, 574-579.	4.2	26
65	DEFINING PHOTOMETRIC PECULIAR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2014, 795, 142.	1.6	25
66	A Type II Supernova Hubble Diagram from the CSP-I, SDSS-II, and SNLS Surveys*. <i>Astrophysical Journal</i> , 2017, 835, 166.	1.6	25
67	SNe 2013K and 2013am: observed and physical properties of two slow, normal Type IIP events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1937-1959.	1.6	25
68	The Tidal Disruption Event AT α 2018hyz II: Light-curve modelling of a partially disrupted star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1925-1934.	1.6	25
69	SN 2016jhj at redshift 0.34: extending the Type II supernova Hubble diagram using the standard candle method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4233-4243.	1.6	24
70	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events*. <i>Astrophysical Journal</i> , 2020, 900, 140.	1.6	24
71	Stripped-envelope core-collapse supernova $\langle \sup \rangle 56 \langle /sup \rangle$ Ni masses. <i>Astronomy and Astrophysics</i> , 2020, 641, A177.	2.1	22
72	A detailed spectroscopic study of tidal disruption events. <i>Astronomy and Astrophysics</i> , 2022, 659, A34.	2.1	21

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73	Luminous Type II Short-Plateau Supernovae 2006Y, 2006ai, and 2016egz: A Transitional Class from Stripped Massive Red Supergiants. <i>Astrophysical Journal</i> , 2021, 913, 55.	1.6	20
74	Comparison of the optical light curves of hydrogen-rich and hydrogen-poor type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4239-4257.	1.6	19
75	Type II supernovae from the Carnegie Supernova Project-I. <i>Astronomy and Astrophysics</i> , 2022, 660, A41.	2.1	19
76	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae*. <i>Astrophysical Journal</i> , 2022, 925, 175.	1.6	17
77	Carnegie Supernova Project-II: Near-infrared Spectroscopic Diversity of Type II Supernovae. <i>Astrophysical Journal</i> , 2019, 887, 4.	1.6	16
78	Luminous Type II supernovae for their low expansion velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5882-5901.	1.6	15
79	The rise and fall of an extraordinary Ca-rich transient. <i>Astronomy and Astrophysics</i> , 2020, 635, A186.	2.1	15
80	Progenitor properties of type II supernovae: fitting to hydrodynamical models using Markov chain Monte Carlo methods. <i>Astronomy and Astrophysics</i> , 2020, 642, A143.	2.1	15
81	The double-peaked Type Ic supernova 2019cad: another SN 2005bf-like object. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4907-4922.	1.6	13
82	SN 2011A: A LOW-LUMINOSITY INTERACTING TRANSIENT WITH A DOUBLE PLATEAU AND STRONG SODIUM ABSORPTION. <i>Astrophysical Journal</i> , 2015, 807, 63.	1.6	12
83	Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau. <i>Astrophysical Journal</i> , 2020, 906, 56.	1.6	12
84	Optical and Near-infrared Observations of the Nearby SN Ia 2017cbv. <i>Astrophysical Journal</i> , 2020, 904, 14.	1.6	12
85	Serendipitous Discovery of an Optical Emission-line Jet in NGC 232. <i>Astrophysical Journal Letters</i> , 2017, 850, L17.	3.0	11
86	Tips and tricks in linear imaging polarimetry of extended sources with FORS2 at the VLT. <i>Astronomy and Astrophysics</i> , 2020, 634, A70.	2.1	11
87	ASASSN-15hy: An Underluminous, Red O3fg-like Type Ia Supernova. <i>Astrophysical Journal</i> , 2021, 920, 107.	1.6	11
88	Type II supernovae from the Carnegie Supernova Project-I. <i>Astronomy and Astrophysics</i> , 2022, 660, A42.	2.1	11
89	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 10.	1.6	10
90	An AMUSING look at the host of the periodic nuclear transient ASASSN-14ko reveals a second AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 6014-6028.	1.6	9

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91	Type II supernovae from the Carnegie Supernova Project-I. <i>Astronomy and Astrophysics</i> , 2022, 660, A40.	2.1	9
92	The extraplanar type II supernova ASASSN-14jb in the nearby edge-on galaxy ESO 467-G051. <i>Astronomy and Astrophysics</i> , 2019, 629, A57.	2.1	8
93	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 95-110.	1.6	8
94	SN 2017ivv: two years of evolution of a transitional Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 974-992.	1.6	7
95	Are Stripped Envelope Supernovae Really Deficient in ^{56}Ni ? <i>Astrophysical Journal</i> , 2021, 922, 141.	1.6	7
96	Direct Evidence of Two-component Ejecta in Supernova 2016gkg from Nebular Spectroscopy*. <i>Astrophysical Journal</i> , 2020, 902, 139.	1.6	6
97	SN 2013ai: A Link between Hydrogen-rich and Hydrogen-poor Core-collapse Supernovae. <i>Astrophysical Journal</i> , 2021, 909, 145.	1.6	5
98	SN 2020cpg: an energetic link between Type IIb and Ib supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1832-1849.	1.6	3
99	SN 2019hcc: a Type II supernova displaying early O^{II} lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4819-4840.	1.6	3
100	Systematic errors on optical-SED stellar-mass estimates for galaxies across cosmic time and their impact on cosmology. <i>Astronomy and Astrophysics</i> , 2022, 662, A86.	2.1	3
101	Carnegie Supernova Project: kinky i -band light curves of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4929-4942.	1.6	2