

Pierre Antilogus

List of Publications by Year in descending order

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26
papers

4,945
citations

430874

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h-index

610901

24
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26
all docs

26
docs citations

26
times ranked

3237
citing authors

#	ARTICLE	IF	CITATIONS
1	The Supernova Legacy Survey: measurement of Ω_{M} , Ω_{Lambda} and w from the first year data set. <i>Astronomy and Astrophysics</i> , 2006, 447, 31-48.	5.1	2,091
2	SALT2: using distant supernovae to improve the use of type Ia supernovae as distance indicators. <i>Astronomy and Astrophysics</i> , 2007, 466, 11-21.	5.1	648
3	NEARBY SUPERNOVA FACTORY OBSERVATIONS OF SN 2007if: FIRST TOTAL MASS MEASUREMENT OF A SUPER-CHANDRASEKHAR-MASS PROGENITOR. <i>Astrophysical Journal</i> , 2010, 713, 1073-1094.	4.5	292
4	Nearby Supernova Factory Observations of SN 2005gj: Another Type Ia Supernova in a Massive Circumstellar Envelope. <i>Astrophysical Journal</i> , 2006, 650, 510-527.	4.5	222
5	Overview of the Nearby Supernova Factory. , 2002, , .		203
6	Spectrophotometric time series of SN 2011fe from the Nearby Supernova Factory. <i>Astronomy and Astrophysics</i> , 2013, 554, A27.	5.1	178
7	CONFIRMATION OF A STAR FORMATION BIAS IN TYPE Ia SUPERNOVA DISTANCES AND ITS EFFECT ON THE MEASUREMENT OF THE HUBBLE CONSTANT. <i>Astrophysical Journal</i> , 2015, 802, 20.	4.5	171
8	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local H_{I} . <i>Astronomy and Astrophysics</i> , 2013, 560, A66.	5.1	151
9	SNIFS: a wideband integral field spectrograph with microlens arrays. , 2004, , .		129
10	HOST GALAXY PROPERTIES AND HUBBLE RESIDUALS OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. <i>Astrophysical Journal</i> , 2013, 770, 108.	4.5	123
11	The reddening law of type Ia supernovae: separating intrinsic variability from dust using equivalent widths. <i>Astronomy and Astrophysics</i> , 2011, 529, L4.	5.1	110
12	Type Ia supernova bolometric light curves and ejected mass estimates from the Nearby Supernova Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1498-1518.	4.4	105
13	Strong dependence of Type Ia supernova standardization on the local specific star formation rate. <i>Astronomy and Astrophysics</i> , 2020, 644, A176.	5.1	96
14	Using spectral flux ratios to standardize SN_{Ia} luminosities. <i>Astronomy and Astrophysics</i> , 2009, 500, L17-L20.	5.1	85
15	Atmospheric extinction properties above Mauna Kea from the Nearby SuperNova Factory spectro-photometric data set. <i>Astronomy and Astrophysics</i> , 2013, 549, A8.	5.1	85
16	TYPE Ia SUPERNOVA CARBON FOOTPRINTS. <i>Astrophysical Journal</i> , 2011, 743, 27.	4.5	78
17	IMPROVING COSMOLOGICAL DISTANCE MEASUREMENTS USING TWIN TYPE IA SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 58.	4.5	47
18	SNEMO: Improved Empirical Models for Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 869, 167.	4.5	37

#	ARTICLE	IF	CITATIONS
19	SUGAR: An improved empirical model of Type Ia supernovae based on spectral features. <i>Astronomy and Astrophysics</i> , 2020, 636, A46.	5.1	26
20	The Extinction Properties of and Distance to the Highly Reddened Type Ia Supernova 2012cu. <i>Astrophysical Journal</i> , 2017, 836, 157.	4.5	18
21	The Twins Embedding of Type Ia Supernovae. II. Improving Cosmological Distance Estimates. <i>Astrophysical Journal</i> , 2021, 912, 71.	4.5	12
22	Understanding type Ia supernovae through their U -band spectra. <i>Astronomy and Astrophysics</i> , 2018, 614, A71.	5.1	11
23	The Twins Embedding of Type Ia Supernovae. I. The Diversity of Spectra at Maximum Light. <i>Astrophysical Journal</i> , 2021, 912, 70.	4.5	11
24	Correcting for peculiar velocities of Type Ia supernovae in clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2018, 615, A162.	5.1	8
25	The SNEMO and SUGAR Companion Data Sets. <i>Research Notes of the AAS</i> , 2020, 4, 63.	0.7	5
26	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local H_0 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2018, 612, C1.	5.1	3