Pierre Antilogus

List of Publications by Year
in descending order

26 papers	4,945 citations	430874 18 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	3237 citing authors

#	Article	IF	Citations
1	The Twins Embedding of Type Ia Supernovae. II. Improving Cosmological Distance Estimates. Astrophysical Journal, 2021, 912, 71.	4.5	12
2	The Twins Embedding of Type Ia Supernovae. I. The Diversity of Spectra at Maximum Light. Astrophysical Journal, 2021, 912, 70.	4.5	11
3	SUGAR: An improved empirical model of Type Ia supernovae based on spectral features. Astronomy and Astrophysics, 2020, 636, A46.	5.1	26
4	Strong dependence of Type Ia supernova standardization on the local specific star formation rate. Astronomy and Astrophysics, 2020, 644, A176.	5.1	96
5	The SNEMO and SUGAR Companion Data Sets. Research Notes of the AAS, 2020, 4, 63.	0.7	5
6	SNEMO: Improved Empirical Models for Type Ia Supernovae. Astrophysical Journal, 2018, 869, 167.	4.5	37
7	Correcting for peculiar velocities of Type Ia supernovae in clusters of galaxies. Astronomy and Astrophysics, 2018, 615, A162.	5.1	8
8	Understanding type Ia supernovae through their U-band spectra. Astronomy and Astrophysics, 2018, 614, A71.	5.1	11
9	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local H$α$ (Corrigendum). Astronomy and Astrophysics, 2018, 612, C1.	5.1	3
10	The Extinction Properties of and Distance to the Highly Reddened Type IA Supernova 2012cu. Astrophysical Journal, 2017, 836, 157.	4.5	18
11	IMPROVING COSMOLOGICAL DISTANCE MEASUREMENTS USING TWIN TYPE IA SUPERNOVAE. Astrophysical Journal, 2015, 815, 58.	4.5	47
12	CONFIRMATION OF A STAR FORMATION BIAS IN TYPE Ia SUPERNOVA DISTANCES AND ITS EFFECT ON THE MEASUREMENT OF THE HUBBLE CONSTANT. Astrophysical Journal, 2015, 802, 20.	4.5	171
13	Type Ia supernova bolometric light curves and ejected mass estimates from the Nearby Supernova Factory. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1498-1518.	4.4	105
14	Spectrophotometric time series of SN 2011fe from the Nearby Supernova Factory. Astronomy and Astrophysics, 2013, 554, A27.	5.1	178
15	HOST GALAXY PROPERTIES AND HUBBLE RESIDUALS OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. Astrophysical Journal, 2013, 770, 108.	4.5	123
16	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local H$α$. Astronomy and Astrophysics, 2013, 560, A66.	5.1	151
17	Atmospheric extinction properties above Mauna Kea from the Nearby SuperNova Factory spectro-photometric data set. Astronomy and Astrophysics, 2013, 549, A8.	5.1	85
18	The reddening law of type Ia supernovae: separating intrinsic variability from dust using equivalent widths. Astronomy and Astrophysics, 2011, 529, L4.	5.1	110

#	Article	IF	Citations
19	TYPE Ia SUPERNOVA CARBON FOOTPRINTS. Astrophysical Journal, 2011, 743, 27.	4.5	78
20	NEARBY SUPERNOVA FACTORY OBSERVATIONS OF SN 2007if: FIRST TOTAL MASS MEASUREMENT OF A SUPER-CHANDRASEKHAR-MASS PROGENITOR. Astrophysical Journal, 2010, 713, 1073-1094.	4.5	292
21	Using spectral flux ratios to standardize SNÂIa luminosities. Astronomy and Astrophysics, 2009, 500, L17-L20.	5.1	85
22	SALT2: using distant supernovae to improve the use of type Ia supernovae as distance indicators. Astronomy and Astrophysics, 2007, 466, 11-21.	5.1	648
23	Nearby Supernova Factory Observations of SN 2005gj: Another Type Ia Supernova in a Massive Circumstellar Envelope. Astrophysical Journal, 2006, 650, 510-527.	4.5	222
24	The Supernova Legacy Survey: measurement of $Omega_{mathsf{M}}$, $Omega_mathsf{Lambda}$ andwfrom the first year data set. Astronomy and Astrophysics, 2006, 447, 31-48.	5.1	2,091
25	SNIFS: a wideband integral field spectrograph with microlens arrays. , 2004, , .		129
26	Overview of the Nearby Supernova Factory. , 2002, , .		203