

Dominique Fouchez

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

5,483
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3394
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	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. <i>Astronomy and Astrophysics</i> , 2014, 568, A22.	5.1	1,422
3	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
4	The Supernova Legacy Survey 3-year sample: Type Ia supernovae photometric distances and cosmological constraints. <i>Astronomy and Astrophysics</i> , 2010, 523, A7.	5.1	412
5	The dependence of Type Ia Supernovae luminosities on their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	229
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	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
9	IMPROVING COSMOLOGICAL DISTANCE MEASUREMENTS USING TWIN TYPE IA SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 58.	4.5	47
10	<sc>fink</sc>, a new generation of broker for the LSST community. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3272-3288.	4.4	42
11	SNEMO: Improved Empirical Models for Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 869, 167.	4.5	37
12	SUGAR: An improved empirical model of Type Ia supernovae based on spectral features. <i>Astronomy and Astrophysics</i> , 2020, 636, A46.	5.1	26
13	SN 2012dn from early to late times: O9dc-like supernovae reassessed... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19
14	The Extinction Properties of and Distance to the Highly Reddened Type Ia Supernova 2012cu. <i>Astrophysical Journal</i> , 2017, 836, 157.	4.5	18
15	The Twins Embedding of Type Ia Supernovae. II. Improving Cosmological Distance Estimates. <i>Astrophysical Journal</i> , 2021, 912, 71.	4.5	12
16	Understanding type Ia supernovae through their U -band spectra. <i>Astronomy and Astrophysics</i> , 2018, 614, A71.	5.1	11
17	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
18	Correcting for peculiar velocities of Type Ia supernovae in clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2018, 615, A162.	5.1	8

#	ARTICLE	IF	CITATIONS
19	The SNEMO and SUGAR Companion Data Sets. Research Notes of the AAS, 2020, 4, 63.	0.7	5