

Dennis Jack

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8781294/publications.pdf>

Version: 2024-02-01

31
papers

401
citations

840776

11
h-index

794594

19
g-index

32
all docs

32
docs citations

32
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	TIGRE: A new robotic spectroscopy telescope at Guanajuato, Mexico. <i>Astronomische Nachrichten</i> , 2014, 335, 787-796.	1.2	72
2	Constraint on the magnetic dipole moment of neutrinos by the tip- <i>RGB</i> luminosity in ϵ -Centauri. <i>Astroparticle Physics</i> , 2015, 70, 1-11.	4.3	54
3	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	4.5	49
4	Habitability around F-type stars. <i>International Journal of Astrobiology</i> , 2014, 13, 244-258.	1.6	35
5	Time-dependent radiative transfer with PHOENIX. <i>Astronomy and Astrophysics</i> , 2009, 502, 1043-1049.	5.1	19
6	Time series of high-resolution spectra of SN 2014J observed with the TIGRE telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4104-4113.	4.4	17
7	Theoretical light curves of type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2011, 528, A141.	5.1	17
8	Identification of the feature that causes the I-band secondary maximum of a Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3581-3586.	4.4	14
9	Magnetic activity and evolution of the four Hyades K giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1110-1119.	4.4	13
10	Near-infrared light curves of type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2012, 538, A132.	5.1	12
11	ON SILICON GROUP ELEMENTS EJECTED BY SUPERNOVAE TYPE IA. <i>Astrophysical Journal</i> , 2014, 787, 149.	4.5	11
12	The ϵ -CrB binary system: A new radial velocity curve, apsidal motion, and the alignment of rotation and orbit axes. <i>Astronomy and Astrophysics</i> , 2016, 586, A104.	5.1	11
13	High spectral resolution monitoring of Nova V339 Delphini with TIGRE. <i>Astronomy and Astrophysics</i> , 2015, 581, A134.	5.1	9
14	Stellar activity of evolved, cool giants – old questions revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2137-2143.	4.4	9
15	Eight Years of TIGRE Robotic Spectroscopy: Operational Experience and Selected Scientific Results. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 9, .	2.8	9
16	Study of the variability of Nova V5668 Sgr, based on high-resolution spectroscopic monitoring. <i>Astronomische Nachrichten</i> , 2017, 338, 91-102.	1.2	8
17	Bright spectroscopic binaries: I. Orbital parameters of five systems with periods of $<P>$ <math>\leq 365</math> days. <i>Astronomische Nachrichten</i> , 2020, 341, 616-627.	1.2	8
18	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2012, 546, A39.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Carrington cycle 24: the solar chromospheric emission in a historical and stellar perspective. Monthly Notices of the Royal Astronomical Society, 2017, 470, 276-282.	4.4	5
20	A celestial matryoshka: dynamical and spectroscopic analysis of the Albireo system. Monthly Notices of the Royal Astronomical Society, 2021, 502, 328-350.	4.4	5
21	Fast synthetic spectral fitting for large stellar samples: a critical test with 25 bright stars of known rotation. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5042-5050.	4.4	4
22	On the physical nature of the Wilson-Bappu effect: revising the gravity and temperature dependence. Monthly Notices of the Royal Astronomical Society, 2022, 513, 906-924.	4.4	4
23	Time series of optical spectra of Nova <sc>V659</sc> Sct. Astronomische Nachrichten, 2020, 341, 781-790.	1.2	3
24	INTERSTELLAR ABSORPTION TOWARDS THE NOVAE V339 DEL AND V5668 SGR. Revista Mexicana De Astronomia Y Astrofisica, 2019, 55, 141-149.	0.5	2
25	Bright spectroscopic binaries: II . A study of five systems with orbital periods of days. Astronomische Nachrichten, 0, , .	1.2	2
26	A catalog of spectroscopic binary candidate stars derived from a comparison of Gaia DR2 with other radial velocity catalogs. Astronomische Nachrichten, 2019, 340, 386-397.	1.2	1
27	Stellar Parameters of Albireo Aa Determined with High-resolution Spectroscopy. Research Notes of the AAS, 2018, 2, 225.	0.7	1
28	Yet another star in the Albireo system. Astronomy and Astrophysics, 2022, 661, A49.	5.1	1
29	Time-dependent radiative transfer with PHOENIX(Corrigendum). Astronomy and Astrophysics, 2013, 549, C1.	5.1	0
30	High spectral resolution monitoring of Nova V339 Delphini with TIGRE<i>(Corrigendum)</i>. Astronomy and Astrophysics, 2016, 589, C4.	5.1	0
31	Computational mathematics applied to astrophysics: Three cases of study. Journal of Physics: Conference Series, 2019, 1329, 012001.	0.4	0