

Jacob VanderPlas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7000182/publications.pdf>

Version: 2024-02-01

13
papers

5,603
citations

1163117

8
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

9575
citing authors

#	ARTICLE	IF	CITATIONS
1	The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package[*]. <i>Astronomical Journal</i> , 2018, 156, 123.	4.7	4,142
2	Understanding the Lomb-Scargle Periodogram. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 16.	7.7	612
3	SNANA: A Public Software Package for Supernova Analysis. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1028-1035.	3.1	212
4	PERIODOGRAMS FOR MULTIBAND ASTRONOMICAL TIME SERIES. <i>Astrophysical Journal</i> , 2015, 812, 18.	4.5	194
5	Altair: Interactive Statistical Visualizations for Python. <i>Journal of Open Source Software</i> , 2018, 3, 1057.	4.6	130
6	Introduction to astroML: Machine learning for astrophysics. , 2012, , .		123
7	EXPLORING THE VARIABLE SKY WITH LINEAR. III. CLASSIFICATION OF PERIODIC LIGHT CURVES. <i>Astronomical Journal</i> , 2013, 146, 101.	4.7	115
8	An end-to-end simulation framework for the Large Synoptic Survey Telescope. <i>Proceedings of SPIE</i> , 2014, , .	0.8	36
9	On the XUV Luminosity Evolution of TRAPPIST-1. <i>Astrophysical Journal</i> , 2020, 891, 155.	4.5	20
10	CLUSTER-LENSING: A PYTHON PACKAGE FOR GALAXY CLUSTERS AND MISCENTERING. <i>Astronomical Journal</i> , 2016, 152, 228.	4.7	7
11	approxposterior: Approximate Posterior Distributions in Python. <i>Journal of Open Source Software</i> , 2018, 3, 781.	4.6	7
12	mst_clustering: Clustering via Euclidean Minimum Spanning Trees. <i>Journal of Open Source Software</i> , 2016, 1, 12.	4.6	5
13	Applying Information Theory to Design Optimal Filters for Photometric Redshifts. <i>Astrophysical Journal</i> , 2020, 890, 74.	4.5	0