

Will T Barnes

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

375
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric Assumptions in Hydrodynamic Modeling of Coronal and Flaring Loops. <i>Astrophysical Journal</i> , 2022, 933, 106.	4.5	4
2	Forecasting the Remaining Duration of an Ongoing Solar Flare. <i>Space Weather</i> , 2021, 19, e2021SW002754.	3.7	3
3	Understanding Heating in Active Region Cores through Machine Learning. II. Classifying Observations. <i>Astrophysical Journal</i> , 2021, 919, 132.	4.5	4
4	The SunPy Project: Open Source Development and Status of the Version 1.0 Core Package. <i>Astrophysical Journal</i> , 2020, 890, 68.	4.5	208
5	SunPy: A Python package for Solar Physics. <i>Journal of Open Source Software</i> , 2020, 5, 1832.	4.6	25
6	aiapy: A Python Package for Analyzing Solar EUV Image Data from AIA. <i>Journal of Open Source Software</i> , 2020, 5, 2801.	4.6	26
7	Nanoflare Diagnostics from Magnetohydrodynamic Heating Profiles. <i>Astrophysical Journal</i> , 2020, 899, 156.	4.5	5
8	Understanding Heating in Active Region Cores through Machine Learning. I. Numerical Modeling and Predicted Observables. <i>Astrophysical Journal</i> , 2019, 880, 56.	4.5	19
9	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. <i>Astrophysical Journal</i> , 2019, 884, 24.	4.5	11
10	ChiantiPy: a Python package for Astrophysical Spectroscopy. , 2017, , .		0
11	INFERENCE OF HEATING PROPERTIES FROM “HOT” NON-FLARING PLASMAS IN ACTIVE REGION CORES. II. NANOFLARE TRAINS. <i>Astrophysical Journal</i> , 2016, 833, 217.	4.5	30
12	INFERENCE OF HEATING PROPERTIES FROM “HOT” NON-FLARING PLASMAS IN ACTIVE REGION CORES. I. SINGLE NANOFLARES. <i>Astrophysical Journal</i> , 2016, 829, 31.	4.5	40