

Shravan Hanasoge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11352403/publications.pdf>

Version: 2024-02-01

16
papers

331
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging the Sun's Near-surface Flows Using Mode-coupling Analysis. <i>Astrophysical Journal</i> , 2022, 926, 127.	4.5	2
2	Discovery of high-frequency retrograde vorticity waves in the Sun. <i>Nature Astronomy</i> , 2022, 6, 708-714.	10.1	14
3	Analyzing Supergranular Power Spectra Using Helioseismic Normal-mode Coupling. <i>Astrophysical Journal</i> , 2021, 910, 156.	4.5	5
4	Investigating Toroidal Flows in the Sun Using Normal-mode Coupling. <i>Astrophysical Journal</i> , 2021, 920, 36.	4.5	1
5	Properties of Solar Rossby Waves from Normal Mode Coupling and Characterizing Its Systematics. <i>Astrophysical Journal</i> , 2020, 891, 125.	4.5	16
6	Validating Inversions for Toroidal Flows Using Normal-mode Coupling. <i>Astrophysical Journal</i> , 2020, 901, 139.	4.5	3
7	Finite-Frequency Inversion of Cross-Correlation Amplitudes for Ambient Noise Source Directivity Estimation. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6653-6665.	3.4	15
8	Detection of Rossby Waves in the Sun using Normal-mode Coupling. <i>Astrophysical Journal Letters</i> , 2019, 871, L32.	8.3	29
9	Measurement Process and Inversions Using Helioseismic Normal-mode Coupling. <i>Astrophysical Journal</i> , 2018, 861, 46.	4.5	10
10	Seismic Sounding of Convection in the Sun. <i>Annual Review of Fluid Mechanics</i> , 2016, 48, 191-217.	25.0	72
11	Adjoint Optimization. <i>SpringerBriefs in Mathematics</i> , 2015, , 47-73.	0.3	0
12	Full Waveform Inversion. <i>SpringerBriefs in Mathematics</i> , 2015, , 75-103.	0.3	0
13	Seismic Probes of Solar Interior Magnetic Structure. <i>Physical Review Letters</i> , 2012, 109, 101101.	7.8	15
14	DETECTABLE SEISMIC CONSEQUENCES OF THE INTERACTION OF A PRIMORDIAL BLACK HOLE WITH EARTH. <i>Astrophysical Journal</i> , 2012, 751, 16.	4.5	12
15	Transient Solar Oscillations Driven by Primordial Black Holes. <i>Physical Review Letters</i> , 2011, 107, 111101.	7.8	20
16	Noise cross-correlation sensitivity kernels. <i>Geophysical Journal International</i> , 2010, 183, 791-819.	2.4	117