

Saikiran Tharimena

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

718
citations

623699

14
h-index

940516

16
g-index

20
all docs

20
docs citations

20
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. <i>Nature Geoscience</i> , 2020, 13, 213-220.	12.9	207
2	Thickness and structure of the martian crust from InSight seismic data. <i>Science</i> , 2021, 373, 438-443.	12.6	140
3	Scattered wave imaging of the oceanic plate in Cascadia. <i>Science Advances</i> , 2018, 4, eaao1908.	10.3	46
4	A unified continental thickness from seismology and diamonds suggests a melt-defined plate. <i>Science</i> , 2017, 357, 580-583.	12.6	44
5	Seismic imaging of a mid-lithospheric discontinuity beneath Ontong Java Plateau. <i>Earth and Planetary Science Letters</i> , 2016, 450, 62-70.	4.4	40
6	A dynamic lithosphere–asthenosphere boundary near the equatorial Mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116949.	4.4	35
7	Imaging Pacific lithosphere seismic discontinuities—Insights from <i>P</i> precursor modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2131-2152.	3.4	29
8	Evolution of the Oceanic Lithosphere in the Equatorial Atlantic From Rayleigh Wave Tomography, Evidence for Small-Scale Convection From the <i>PLAB</i> Experiment. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009174.	2.5	29
9	A pole-to-equator ocean overturning circulation on Enceladus. <i>Nature Geoscience</i> , 2021, 14, 185-189.	12.9	29
10	Sediment Characterization at the Equatorial Mid-Atlantic Ridge From <i>P</i> – <i>S</i> Teleseismic Phase Conversions Recorded on the <i>PLAB</i> Experiment. <i>Geophysical Research Letters</i> , 2018, 45, 12244-12252.	4.0	28
11	Marine Geophysical Investigation of the Chain Fracture Zone in the Equatorial Atlantic From the <i>PLAB</i> Experiment. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 11016-11030.	3.4	26
12	A thin mantle transition zone beneath the equatorial Mid-Atlantic Ridge. <i>Nature</i> , 2021, 589, 562-566.	27.8	24
13	MSS/1: Single-Station and Single-Event Marsquake Inversion. <i>Earth and Space Science</i> , 2020, 7, e2020EA001118.	2.6	16
14	Ambient Noise Tomography With Common Receiver Clusters in Distributed Sensor Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020, 6, 656-666.	2.8	5
15	Seismic Detection of Euroquakes Originating From Europa's Silicate Interior. <i>Earth and Space Science</i> , 2022, 9, .	2.6	3