Saikiran Tharimena

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3277104/publications.pdf

Version: 2024-02-01

15	718	623734	940533
papers	citations	14 h-index	16 g-index

20	20	20	778
all docs	docs citations	times ranked	citing authors

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