Yen Joe Tan

List of Publications by Year
in descending order

16	412	933447 10	940533 16
papers	citations	h-index	g-index

17	17	17	479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seismic constraints on caldera dynamics from the 2015 Axial Seamount eruption. Science, 2016, 354, 1395-1399.	12.6	84
2	Machine-Learning-Based High-Resolution Earthquake Catalog Reveals How Complex Fault Structures Were Activated during the 2016â€“2017 Central Italy Sequence. The Seismic Record, 2021, 1, 11-19.	3.1	68
3	The mechanism of tidal triggering of earthquakes at mid-ocean ridges. Nature Communications, 2019, 10, 2526.	12.8	51
4	Dynamics of a seafloor-spreading episode at the East Pacific Rise. Nature, 2016, 540, 261-265.	27.8	39
5	The Recent Volcanic History of Axial Seamount: Geophysical Insights into Past Eruption Dynamics with an Eye Toward Enhanced Observations of Future Eruptions. Oceanography, 2018, 31, 114-123.	1.0	34
6	Axial Seamount: Periodic tidal loading reveals stress dependence of the earthquake size distribution (b value). Earth and Planetary Science Letters, 2019, 512, 39-45.	4.4	23
7	The cascading foreshock sequence of the Ms 6.4 Yangbi earthquake in Yunnan, China. Earth and Planetary Science Letters, 2022, 591, 117594.	4.4	20
8	Tidal Triggering of Microearthquakes Over an Eruption Cycle at 9Â°50'N East Pacific Rise. Geophysical Research Letters, 2018, 45, 1825-1831.	4.0	17
9	Connecting a broad spectrum of transient slip on the San Andreas fault. Science Advances, 2020, 6, eabb2489.	10.3	17
10	Machine-learning-facilitated earthquake and anthropogenic source detections near the Weiyuan Shale Gas Blocks, Sichuan, China. Earth and Planetary Physics, 2021, 5, 501-519.	1.1	14
11	Using Machine Learning to Discern Eruption in Noisy Environments: A Case Study Using CO2â€Driven Coldâ€Water Geyser in ChimayÃ³, New Mexico. Seismological Research Letters, 2019, 90, 591-603.	1.9	13
12	Precision Seismic Monitoring and Analysis at Axial Seamount Using a Realâ€Time Doubleâ€Difference System. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018796.	3.4	11
13	What Googling Trends Tell Us about Public Interest in Earthquakes. Seismological Research Letters, 2018, 89, 653-657.	1.9	10
14	A Tale of Two Eruptions: How Data from Axial Seamount Led to a Discovery on the East Pacific Rise. Oceanography, 2018, 31, 124-125.	1.0	5
15	2019 MwÂ5.9 Mirpur, Pakistan Earthquake: Insights from Integrating Geodetic, Seismic, and Field Observations. Seismological Research Letters, 2022, 93, 2015-2026.	1.9	4
16	Maximum Earthquake Size and Seismicity Rate from an ETAS Model with Slip Budget. Bulletin of the Seismological Society of America, 2020, 110, 874-885.	2.3	2