

Patricia MartÃ-nez-GarzÃ³n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9406939/publications.pdf>

Version: 2024-02-01

38
papers

1,355
citations

430874

18
h-index

345221

36
g-index

54
all docs

54
docs citations

54
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Does Deep Tectonic Tremor Occur in the Central-Eastern Mediterranean Basin?. Journal of Geophysical Research: Solid Earth, 2021, 126, 2020JB020448.	3.4	4
2	Seismicity during and after stimulation of a 6.1-km deep enhanced geothermal system in Helsinki, Finland. Solid Earth, 2021, 12, 581-594.	2.8	15
3	Earthquake Source Mechanisms and Stress Field Variations Associated With Wastewater-Induced Seismicity in Southern Kansas, USA. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021625.	3.4	4
4	Near-Fault Monitoring Reveals Combined Seismic and Slow Activation of a Fault Branch within the Istanbul-Marmara Seismic Gap in Northwest Turkey. Seismological Research Letters, 2021, 92, 3743-3756.	1.9	8
5	Contemporary stress and strain field in the Mediterranean from stress inversion of focal mechanisms and GPS data. Tectonophysics, 2020, 774, 228286.	2.2	6
6	A Two-Scale Preparation Phase Preceded an Mw 5.8 Earthquake in the Sea of Marmara Offshore Istanbul, Turkey. Seismological Research Letters, 2020, 91, 3139-3147.	1.9	22
7	Crustal Thickness Variation Across the Sea of Marmara Region, NW Turkey: A Reflection of Modern and Ancient Tectonic Processes. Tectonics, 2020, 39, e2019TC005986.	2.8	8
8	Variations of Stress Parameters in the Southern California Plate Boundary Around the South Central Transverse Ranges. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019482.	3.4	7
9	Seismic Moment Evolution During Hydraulic Stimulations. Geophysical Research Letters, 2020, 47, e2019GL086185.	4.0	27
10	Induced earthquake potential in geothermal reservoirs: Insights from The Geysers, California. The Leading Edge, 2020, 39, 873-882.	0.7	4
11	Analysis of Microseismicity Framing $M_L > 2.5$ Earthquakes at The Geysers Geothermal Field, California. Journal of Geophysical Research: Solid Earth, 2019, 124, 8823-8843.	3.4	6
12	Seismic clustering in the Sea of Marmara: Implications for monitoring earthquake processes. Tectonophysics, 2019, 768, 228176.	2.2	13
13	Slow strain release along the eastern Marmara region offshore Istanbul in conjunction with enhanced local seismic moment release. Earth and Planetary Science Letters, 2019, 510, 209-218.	4.4	18
14	Controlling fluid-induced seismicity during a 6.1-km-deep geothermal stimulation in Finland. Science Advances, 2019, 5, eaav7224.	10.3	148
15	First field application of cyclic soft stimulation at the Pohang Enhanced Geothermal System site in Korea. Geophysical Journal International, 2019, 217, 926-949.	2.4	90
16	Stress Inversion of Regional Seismicity in the Sea of Marmara Region, Turkey. Pure and Applied Geophysics, 2019, 176, 1269-1291.	1.9	6
17	Spatiotemporal Variations of Stress and Strain Parameters in the San Jacinto Fault Zone. Pure and Applied Geophysics, 2019, 176, 1145-1168.	1.9	16
18	Comparative Study of Earthquake Clustering in Relation to Hydraulic Activities at Geothermal Fields in California. Journal of Geophysical Research: Solid Earth, 2018, 123, 4041-4062.	3.4	26

#	ARTICLE	IF	CITATIONS
19	Evolution of seismicity in relation to fluid injection in the North-Western part of The Geysers geothermal field. <i>Geophysical Journal International</i> , 2018, 212, 1157-1166.	2.4	21
20	Microearthquakes preceding a M4.2 Earthquake Offshore Istanbul. <i>Scientific Reports</i> , 2018, 8, 16176.	3.3	20
21	A unified earthquake catalogue for the Sea of Marmara Region, Turkey, based on automatized phase picking and travel-time inversion: Seismotectonic implications. <i>Tectonophysics</i> , 2018, 747-748, 416-444.	2.2	35
22	Insights Into Complex Subdecimeter Fracturing Processes Occurring During a Water Injection Experiment at Depth in Å,spÅ Hard Rock Laboratory, Sweden. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6616-6635.	3.4	36
23	Volumetric components in the earthquake source related to fluid injection and stress state. <i>Geophysical Research Letters</i> , 2017, 44, 800-809.	4.0	64
24	Estimation of the differential stress from the stress rotation angle in low permeable rock. <i>Geophysical Research Letters</i> , 2017, 44, 6761-6770.	4.0	12
25	Repeating Marmara Sea earthquakes: indication for fault creep. <i>Geophysical Journal International</i> , 2017, 210, 332-339.	2.4	45
26	Temporal static stress drop variations due to injection activity at The Geysers geothermal field, California. <i>Geophysical Research Letters</i> , 2017, 44, 7168-7176.	4.0	16
27	Maximum earthquake magnitudes along different sections of the North Anatolian fault zone. <i>Tectonophysics</i> , 2016, 674, 147-165.	2.2	82
28	Impact of fluid injection on fracture reactivation at The Geysers geothermal field. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7432-7449.	3.4	40
29	Sensitivity of stress inversion of focal mechanisms to pore pressure changes. <i>Geophysical Research Letters</i> , 2016, 43, 8441-8450.	4.0	29
30	A refined methodology for stress inversions of earthquake focal mechanisms. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8666-8687.	3.4	78
31	Surface dynamic deformation estimates from local seismicity: the Itoiz reservoir, Spain. <i>Journal of Seismology</i> , 2016, 20, 1021-1039.	1.3	3
32	Scaling of maximum observed magnitudes with geometrical and stress properties of strike-slip faults. <i>Geophysical Research Letters</i> , 2015, 42, 10,230.	4.0	13
33	Effects of long-term fluid injection on induced seismicity parameters and maximum magnitude in northwestern part of The Geysers geothermal field. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 7085-7101.	3.4	88
34	Detailed analysis of spatiotemporal variations of the stress field orientation along the Izmit-¼zce rupture in NW Turkey from inversion of first-motion polarity data. <i>Geophysical Journal International</i> , 2015, 202, 2120-2132.	2.4	18
35	MSATSI: A MATLAB Package for Stress Inversion Combining Solid Classic Methodology, a New Simplified User-Handling, and a Visualization Tool. <i>Seismological Research Letters</i> , 2014, 85, 896-904.	1.9	123
36	Spatiotemporal changes, faulting regimes, and source parameters of induced seismicity: A case study from The Geysers geothermal field. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8378-8396.	3.4	93

#	ARTICLE	IF	CITATIONS
37	Stress tensor changes related to fluid injection at The Geysers geothermal field, California. <i>Geophysical Research Letters</i> , 2013, 40, 2596-2601.	4.0	93
38	Microseismic Monitoring of CO ₂ Injection at the Penn West Enhanced Oil Recovery Pilot Project, Canada: Implications for Detection of Wellbore Leakage. <i>Sensors</i> , 2013, 13, 11522-11538.	3.8	12