

George Kaviris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1895638/publications.pdf>

Version: 2024-02-01

50
papers

1,475
citations

393982

19
h-index

329751

37
g-index

55
all docs

55
docs citations

55
times ranked

1384
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2013 European Seismic Hazard Model: key components and results. <i>Bulletin of Earthquake Engineering</i> , 2015, 13, 3553-3596.	2.3	407
2	Karst collapse susceptibility mapping considering peak ground acceleration in a rapidly growing urban area. <i>Engineering Geology</i> , 2013, 158, 77-88.	2.9	155
3	An updated and extended earthquake catalogue for Greece and adjacent areas since 1900. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1425-1430.	1.5	137
4	The 2013 earthquake swarm in Helike, Greece: seismic activity at the root of old normal faults. <i>Geophysical Journal International</i> , 2015, 202, 2044-2073.	1.0	45
5	The MW=6.3 2003 Lefkada earthquake (Greece) and induced stress transfer changes. <i>Tectonophysics</i> , 2006, 423, 73-82.	0.9	44
6	The 12th June 2017 Mw=6.3 Lesvos earthquake from detailed seismological observations. <i>Journal of Geodynamics</i> , 2018, 115, 23-42.	0.7	44
7	The Mw = 6.0, 7 September 1999 Athens Earthquake. <i>Natural Hazards</i> , 2002, 27, 15-33.	1.6	43
8	Crustal and upper mantle structure beneath the Corinth rift (Greece) from a teleseismic tomography study. <i>Journal of Geophysical Research</i> , 2000, 105, 28159-28171.	3.3	39
9	The Santorini Volcanic Complex: A detailed multi-parameter seismological approach with emphasis on the 2011-2012 unrest period. <i>Journal of Geodynamics</i> , 2015, 85, 32-57.	0.7	33
10	Upper crust seismic anisotropy study and temporal variations of shear-wave splitting parameters in the western Gulf of Corinth (Greece) during 2013. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 269, 148-164.	0.7	33
11	UAV and GIS based rapid earthquake-induced building damage assessment and methodology for EMS-98 isoseismal map drawing: The June 12, 2017 Mw 6.3 Lesvos (Northeastern Aegean, Greece) earthquake. <i>International Journal of Disaster Risk Reduction</i> , 2019, 37, 101169.	1.8	32
12	First Results on the Mw=6.9 Samos Earthquake of 30 October 2020. <i>Bulletin of the Geological Society of Greece</i> , 2020, 56, 251.	0.2	32
13	Seismic Waveform Data from Greece and Cyprus: Integration, Archival, and Open Access. <i>Seismological Research Letters</i> , 2021, 92, 1672-1684.	0.8	29
14	Hazard zonation mapping of earthquake-induced secondary effects using spatial multi-criteria analysis. <i>Natural Hazards</i> , 2021, 109, 637-669.	1.6	27
15	A detailed seismic anisotropy study during the 2011-2012 unrest period in the Santorini Volcanic Complex. <i>Physics of the Earth and Planetary Interiors</i> , 2015, 238, 51-88.	0.7	26
16	Evidence of shear-wave splitting in the eastern Corinthian Gulf (Greece). <i>Physics of the Earth and Planetary Interiors</i> , 1999, 114, 3-13.	0.7	24
17	Seismic hazard assessment in Polyphyto Dam area (NW Greece) and its relation with the "unexpected" earthquake of 13 May 1995 (M=6.5, NW Greece). <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 141-149.	1.5	24
18	Observations of shear-wave splitting parameters in the Western Gulf of Corinth focusing on the 2014 Mw=5.0 earthquake. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 282, 60-76.	0.7	23

#	ARTICLE	IF	CITATIONS
19	The April–June 2007 Trichonis Lake earthquake swarm (W. Greece): New implications toward the causative fault zone. <i>Journal of Geodynamics</i> , 2014, 73, 60-80.	0.7	21
20	Modeling landslide susceptibility in Greece: a weighted linear combination approach using analytic hierarchical process, validated with spatial and statistical analysis. <i>Natural Hazards</i> , 2016, 84, 1873-1904.	1.6	18
21	The Western Gulf of Corinth (Greece) 2020–2021 Seismic Crisis and Cascading Events: First Results from the Corinth Rift Laboratory Network. <i>The Seismic Record</i> , 2021, 1, 85-95.	1.3	18
22	Effects of the January 2018 seismic sequence on shear-wave splitting in the upper crust of Marathon (NE Attica, Greece). <i>Physics of the Earth and Planetary Interiors</i> , 2018, 285, 45-58.	0.7	16
23	The 27 September 2021 Earthquake in Central Crete (Greece) – Detailed Analysis of the Earthquake Sequence and Indications for Contemporary Arc-Parallel Extension to the Hellenic Arc. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2815.	1.3	16
24	Seismic damage scenarios in Lefkas old town (W. Greece). <i>Bulletin of Earthquake Engineering</i> , 2015, 13, 3669-3711.	2.3	15
25	The 19 July 2019 earthquake in Athens, Greece: A delayed major aftershock of the 1999 Mw = 6.0 event, or the activation of a different structure?. <i>Journal of Geodynamics</i> , 2020, 139, 101766.	0.7	15
26	Seismotectonic analysis of the 2021 Damasi-Tyrnavos (Thessaly, Central Greece) earthquake sequence and implications on the stress field rotations. <i>Journal of Geodynamics</i> , 2022, 150, 101898.	0.7	15
27	Seismological and Ground Deformation Study of the Ionian Islands (W. Greece) during 2014–2018, a Period of Intense Seismic Activity. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2331.	1.3	12
28	Mantle dynamics beneath Greece from SKS and PKS seismic anisotropy study. <i>Acta Geophysica</i> , 2018, 66, 1341-1357.	1.0	10
29	Inventory of Historical and Recent Earthquake-Triggered Landslides and Assessment of Related Susceptibility by GIS-Based Analytic Hierarchy Process: The Case of Cephalonia (Ionian Islands, Western Greece). <i>Journal of Earth System Science</i> , 2022, 233, 102707.	1.0	10
30	Combined Geodetic and Seismological Study of the December 2020 Mw = 4.6 Thiva (Central Greece) Shallow Earthquake. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5947.	1.3	9
31	Probabilistic Seismic Hazard Assessment for the Broader Messinia (SW Greece) Region. <i>Pure and Applied Geophysics</i> , 2022, 179, 551-567.	0.8	9
32	Tomographic imaging of the NW edge of the Hellenic volcanic arc. <i>Journal of Seismology</i> , 2019, 23, 995-1016.	0.6	8
33	Near-Fault Broadband Ground Motion Simulation Applications at the Central Ionian Islands, Greece. <i>Pure and Applied Geophysics</i> , 2021, 178, 3505-3527.	0.8	8
34	The 25 October 2018 Zakynthos (Greece) earthquake: seismic activity at the transition between a transform fault and a subduction zone. <i>Geophysical Journal International</i> , 2021, 225, 15-36.	1.0	8
35	Magnitude Scales in Central Greece. <i>Bulletin of the Geological Society of Greece</i> , 2018, 40, 1114.	0.2	8
36	The Use of Innovative Techniques for Management of High-Risk Coastal Areas, Mitigation of Earthquake-Triggered Landslide Risk and Responsible Coastal Development. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2193.	1.3	8

#	ARTICLE	IF	CITATIONS
37	Pytheas: An open-source software solution for local shear-wave splitting studies. Computers and Geosciences, 2020, 134, 104346.	2.0	6
38	Shear-wave splitting properties of the upper crust, during the 2013–2014 seismic crisis, in the CO ₂ -rich field of Florina Basin, Greece. Physics of the Earth and Planetary Interiors, 2020, 303, 106503.	0.7	6
39	Earthquake Diffusion Variations in the Western Gulf of Corinth (Greece). Pure and Applied Geophysics, 2021, 178, 2855-2870.	0.8	6
40	Spatiotemporal Properties of Seismicity and Variations of Shear-Wave Splitting Parameters in the Western Gulf of Corinth (Greece). Applied Sciences (Switzerland), 2021, 11, 6573.	1.3	6
41	Investigation of the Thiva 2020–2021 Earthquake Sequence Using Seismological Data and Space Techniques. Applied Sciences (Switzerland), 2022, 12, 2630.	1.3	6
42	On the origin of upper crustal shear-wave anisotropy at Samos Island, Greece. Acta Geophysica, 2021, 69, 1051.	1.0	5
43	Minor seismic hazard changes in the broader area of Pournari artificial lake after the first filling (W.) Tj ETQq1 1 0.784314 rgBT /Overlock 0,4	0.4	4
44	ANISOTROPY STUDY OF THE FEBRUARY 4TH 2008 SWARM IN NW PELOPONNESUS (GREECE). Bulletin of the Geological Society of Greece, 2017, 43, 2084.	0.2	4
45	Earthquake induced crises: game tree approached risk communication and lessons learnt. Annals of Geophysics, 2020, 63, .	0.5	4
46	Transnational Access to Research Facilities: an EPOS service to promote multi-domain Solid Earth Sciences in Europe. Annals of Geophysics, 2022, 65, DM214.	0.5	3
47	Seismicity and Tomographic Imaging of the Broader Nisyros Region (Greece). Active Volcanoes of the World, 2018, , 245-271.	1.0	2
48	The scaling of PGA with IV2p and its potential for Earthquake Early Warning in Thessaly (Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.2	1
49	PRELIMINARY SHEAR-WAVE SPLITTING RESULTS IN THE BROADER AIGION AREA (GREECE) DURING 2013. Bulletin of the Geological Society of Greece, 2017, 50, 1153.	0.2	0
50	Anelasticity beneath the Aegean inferred from Rayleigh wave attenuation. Bulletin of the Geological Society of Greece, 2018, 40, 1103.	0.2	0