

Pepen Supendi

List of Publications by Year in descending order

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49
papers

536
citations

758635

12
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713013

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60
all docs

60
docs citations

60
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications for megathrust earthquakes and tsunamis from seismic gaps south of Java Indonesia. <i>Scientific Reports</i> , 2020, 10, 15274.	1.6	64
2	Source Model for the Tsunami Inside Palu Bay Following the 2018 Palu Earthquake, Indonesia. <i>Geophysical Research Letters</i> , 2019, 46, 8721-8730.	1.5	55
3	Relocated aftershocks and background seismicity in eastern Indonesia shed light on the 2018 Lombok and Palu earthquake sequences. <i>Geophysical Journal International</i> , 2020, 221, 1845-1855.	1.0	46
4	Identification of active faults in West Java, Indonesia, based on earthquake hypocenter determination, relocation, and focal mechanism analysis. <i>Geoscience Letters</i> , 2018, 5, .	1.3	45
5	Coseismic Slip Distribution of the 2 July 2013 Mw6.1 Aceh, Indonesia, Earthquake and Its Tectonic Implications. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1918-1928.	1.1	22
6	Hypocenter and Magnitude Analysis of Aftershocks of the 2018 Lombok, Indonesia, Earthquakes Using Local Seismographic Networks. <i>Seismological Research Letters</i> , 2020, 91, 2152-2162.	0.8	21
7	The 2018 Mw7.5 Palu "supershear" earthquake ruptures geological fault's multi-segment separated by large bends: Results from integrating field measurements, LiDAR, swath bathymetry, and seismic-reflection data. <i>Geophysical Journal International</i> , 0, , .	1.0	20
8	Fate of Forearc Lithosphere at Arc-Continent Collision Zones: Evidence From Local Earthquake Tomography of the Sunda-Banda Arc Transition, Indonesia. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086472.	1.5	20
9	A 3D Seismic Structural Model of the Lithosphere and Underlying Mantle Beneath Southeast Asia From Multi-Scale Adjoint Waveform Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	17
10	Identifying the most explainable fault ruptured of the 2018 Palu-Donggala earthquake in Indonesia using coulomb failure stress and geological field report. <i>Geodesy and Geodynamics</i> , 2020, 11, 252-257.	1.0	16
11	Gravity Structure around Mt. Pandan, Madiun, East Java, Indonesia and Its Relationship to 2016 Seismic Activity. <i>Open Geosciences</i> , 2018, 10, 882-888.	0.6	15
12	Subducted Lithospheric Boundary Tomographically Imaged Beneath Arc-Continent Collision in Eastern Indonesia. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018854.	1.4	13
13	Unexpected earthquake of June 25th, 2015 in Madiun, East Java. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	12
14	Local earthquake tomography of the source region of the 2018 Lombok earthquake sequence, Indonesia. <i>Geophysical Journal International</i> , 2021, 226, 1814-1823.	1.0	12
15	Double-difference tomography of P- and S-wave velocity structure beneath the western part of Java, Indonesia. <i>Earthquake Science</i> , 2019, 32, 12-25.	0.4	12
16	Hypocenter relocation of the aftershocks of the Mw 7.5 Palu earthquake (September 28, 2018) and swarm earthquakes of Mamasa, Sulawesi, Indonesia, using the BMKG network data. <i>Geoscience Letters</i> , 2019, 6, .	1.3	11
17	Source Characteristics of the 2019 Mw6.5 Ambon, Eastern Indonesia, Earthquake Inferred from Seismic and Geodetic Data. <i>Seismological Research Letters</i> , 2021, 92, 3339-3348.	0.8	11
18	Earthquake monitoring of the Baribis Fault near Jakarta, Indonesia, using borehole seismometers. <i>Geoscience Letters</i> , 2021, 8, .	1.3	10

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19	Implications for fault locking south of Jakarta from an investigation of seismic activity along the Baribis fault, northwestern Java, Indonesia. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
20	Foreshockâ€“mainshockâ€“aftershock sequence analysis of the 14 January 2021 (Mw 6.2) Mamujuâ€“Majene (West Sulawesi, Indonesia) earthquake. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	9
21	Relocation and Focal Mechanism of Aftershocks Pidie Jaya Earthquake (Mw6.5) Dec 7th, 2016 using BMKG Network. <i>Jurnal Geofisika</i> , 2017, 15, 17.	0.2	9
22	The Recent Small Earthquakes around Lembang Fault, West Java, Bandung, Indonesia. <i>Journal of Physics: Conference Series</i> , 2019, 1204, 012083.	0.3	8
23	The 2019 Mw 7.0 Banten, Indonesia, intraslab earthquake: investigation of the coseismic slip, tsunami modelling and Coulomb stress change. <i>Geoenvironmental Disasters</i> , 2022, 9, .	1.8	8
24	Hypocenter relocation of earthquake swarm around Jailolo volcano, North Molucca, Indonesia using the BMKG network data: Time periods of September 27-October 10, 2017. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	7
25	Crustal Deformation and Fault Strength of the Sulawesi Subduction Zone. <i>Tectonics</i> , 2021, 40, e2020TC006573.	1.3	7
26	Preliminary result of earthquake hypocenter determination using hypoellipse around western Java region. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
27	Subsurface Structure Interpretation Beneath of Mt. Pandan Based on Gravity Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 62, 012038.	0.2	5
28	Hypocenter Determination Using a Non-Linear Method for Events in West Java, Indonesia: A Preliminary Result. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 62, 012052.	0.2	5
29	Hypocenter relocation of the aftershocks of the Poso, Sulawesi (Mw 6.6, May 29, 2017) event using the BMKG network data. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	5
30	Analysis of swarm earthquakes around Mt. Agung Bali, Indonesia prior to November 2017 eruption using regional BMKG network. <i>Geoscience Letters</i> , 2020, 7, .	1.3	5
31	Seismic Imaging of Lithospheric Structure Beneath Central-East Java Region, Indonesia: Relation to Recent Earthquakes. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	5
32	Earthquake swarm analysis around Bekancan area, North Sumatra, Indonesia using the BMKG network data: Time periods of February 29, 2015 to July 10, 2017. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	4
33	Analysis of the April 10, 2021 (Mw 6.1) destructive intra-slab earthquake, East Java, Indonesia. <i>Physics of the Earth and Planetary Interiors</i> , 2022, 326, 106866.	0.7	4
34	Recent destructive earthquakes around Garut area, West Java, Indonesia: An unidentified fault?. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
35	A Non-Linear Method for Hypocenter Determination around Central and East Java Region: Preliminary Result. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 318, 012008.	0.2	3
36	Earthquake risk assessment of the Opak and Merapi-Merbabu active faults to support mitigation program in Yogyakarta province and its vicinity. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 851, 012001.	0.2	2

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37	Earthquake Swarm Analysis around Mt. Salak, West Java, Indonesia, Using BMKG Data from August 10 to November 24, 2019. IOP Conference Series: Earth and Environmental Science, 2021, 873, 012002.	0.2	2
38	Implementation of Filter Picker Algorithm For Aftershock Identification of Lombok Earthquake 2018. Jurnal Geofisika, 2019, 17, 25.	0.2	1
39	Determination of Shear Wave Splitting Parameters in 2018 Lombok Earthquake Using Rotation Correlation Method: Preliminary Result. IOP Conference Series: Earth and Environmental Science, 2021, 873, 012101.	0.2	1
40	Analysis of the destructive earthquakes end of 2017 (Mw 6.9) and early 2018 (Mw 6.1) south of West Java, Indonesia. E3S Web of Conferences, 2020, 211, 02003.	0.2	1
41	Analysis of the 2021 Semangko Bay Earthquake Sequence in Southern Sumatra, Indonesia, Using Broadband Seismic Network Data. Seismological Research Letters, 0, , .	0.8	1
42	Analysis of Focal Mechanism for Determine Fault Plane Orientation Using The Moment Tensor Inversion Case Study : West Java Geothermal Field. IOP Conference Series: Earth and Environmental Science, 2019, 318, 012036.	0.2	0
43	Updating Hypocenter Relocation in Indonesia using 3D Seismic Velocity Model: Period of April 2009-March 2018. IOP Conference Series: Earth and Environmental Science, 2019, 318, 012048.	0.2	0
44	Coulomb Stress Change of Mw 7.5 Palu-Donggala Earthquake, Sulawesi (28 September 2018). Jurnal Geofisika, 2020, 18, 19.	0.2	0
45	Analysis of the Mw 6.5 Ambon Earthquake (September 26, 2019) based on the aftershocks hypocenter relocation. IOP Conference Series: Earth and Environmental Science, 2021, 873, 012001.	0.2	0
46	Unexpected Shallow Earthquake of August 1st, 2020 in the North of Indramayu, West Java, Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 873, 012043.	0.2	0
47	The Spatio-temporal Analysis of b-value in the Banda Arc, Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 873, 012010.	0.2	0
48	Focal Mechanism Analysis of the Earthquakes Beneath the Sunda-Banda Arc Transition, Indonesia, Using the BMKG Data. IOP Conference Series: Earth and Environmental Science, 2022, 1031, 012012.	0.2	0
49	Hypocenter Determination using a Non-Linear Method in Bali, Lombok, and Nusa Tenggara Regions: Preliminary Result. Journal of Physics: Conference Series, 2022, 2243, 012008.	0.3	0