

Pepen Supendi

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

234
citations

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g-index

60
ext. papers

395
ext. citations

2
avg, IF

3.28
L-index

#	Paper	IF	Citations
40	Source Model for the Tsunami Inside Palu Bay Following the 2018 Palu Earthquake, Indonesia. <i>Geophysical Research Letters</i> , 2019 , 46, 8721-8730	4.9	36
39	Implications for megathrust earthquakes and tsunamis from seismic gaps south of Java Indonesia. <i>Scientific Reports</i> , 2020 , 10, 15274	4.9	26
38	Identification of active faults in West Java, Indonesia, based on earthquake hypocenter determination, relocation, and focal mechanism analysis. <i>Geoscience Letters</i> , 2018 , 5,	3.5	25
37	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	2.6	20
36	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	2.3	12
35	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> , 2020 ,	2.6	11
34	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	1.8	10
33	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	3	9
32	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	4.9	8
31	Relocation and Focal Mechanism of Aftershocks Pidie Jaya Earthquake (Mw6.5) Dec 7th, 2016 using BMKG Network 2017 , 15, 17		8
30	Unexpected earthquake of June 25th, 2015 in Madiun, East Java 2016 ,		8
29	Hypocenter relocation of the aftershocks of the Poso, Sulawesi (Mw 6.6, May 29, 2017) event using the BMKG network data 2018 ,		5
28	Hypocenter relocation of earthquake swarm around Jailolo volcano, North Molucca, Indonesia using the BMKG network data: Time periods of September 27-October 10, 2017 2018 ,		5
27	Preliminary result of earthquake hypocenter determination using hypoellipse around western Java region 2016 ,		5
26	Gravity Structure around Mt. Pandan, Madiun, East Java, Indonesia and Its Relationship to 2016 Seismic Activity. <i>Open Geosciences</i> , 2018 , 10, 882-888	1.3	5
25	Subducted Lithospheric Boundary Tomographically Imaged Beneath Arc-Continent Collision in Eastern Indonesia. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018854	3.6	4
24	Subsurface Structure Interpretation Beneath of Mt. Pandan Based on Gravity Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 62, 012038	0.3	4

23	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	1.5	4
22	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,	3.5	4
21	Earthquake swarm analysis around Bekancan area, North Sumatra, Indonesia using the BMKG network data: Time periods of February 29, 2015 to July 10, 2017 2018 ,		3
20	Local earthquake tomography of the source region of the 2018 Lombok earthquake sequence, Indonesia. <i>Geophysical Journal International</i> , 2021 , 226, 1814-1823	2.6	3
19	Foreshock-mainshock-aftershock sequence analysis of the 14 January 2021 (Mw 6.2) Mamuju-Majene (West Sulawesi, Indonesia) earthquake. <i>Earth, Planets and Space</i> , 2021 , 73,	2.9	3
18	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	0.3	2
17	Recent destructive earthquakes around Garut area, West Java, Indonesia: An unidentified fault? 2018 ,		2
16	The Recent Small Earthquakes around Lembang Fault, West Java, Bandung, Indonesia. <i>Journal of Physics: Conference Series</i> , 2019 , 1204, 012083	0.3	1
15	Analysis of swarm earthquakes around Mt. Agung Bali, Indonesia prior to November 2017 eruption using regional BMKG network. <i>Geoscience Letters</i> , 2020 , 7,	3.5	1
14	Determination of Shear Wave Splitting Parameters in 2018 Lombok Earthquake Using Rotation Correlation Method: Preliminary Result. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 873, 012101	0.3	1
13	Analysis of the destructive earthquakes end of 2017 (Mw 6.9) and early 2018 (Mw 6.1) south of West Java, Indonesia. <i>E3S Web of Conferences</i> , 2020 , 211, 02003	0.5	1
12	Crustal Deformation and Fault Strength of the Sulawesi Subduction Zone. <i>Tectonics</i> , 2021 , 40, e2020TC006573	0.5	1
11	Source Characteristics of the 2019 Mw 6.5 Ambon, Eastern Indonesia, Earthquake Inferred from Seismic and Geodetic Data. <i>Seismological Research Letters</i> ,	3	1
10	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	0.3	0
9	Earthquake Swarm Analysis around Mt. Salak, West Java, Indonesia, Using BMKG Data from August 10 to November 24, 2019. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 873, 012002	0.3	0
8	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	2.3	0
7	Analysis of Focal Mechanism for Determine Fault Plane Orientation Using The Moment Tensor Inversion Case Study : West Java Geothermal Field. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 318, 012036	0.3	
6	Updating Hypocenter Relocation in Indonesia using 3D Seismic Velocity Model: Period of April 2009-March 2018. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 318, 012048	0.3	

- 5 Earthquake risk assessment of the Opak and Merapi-Merbabu active faults to support mitigation program in Yogyakarta province and its vicinity. *IOP Conference Series: Earth and Environmental Science*, **2021**, 851, 012001 0.3
- 4 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 0.3
- 3 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 0.3
- 2 The Spatio-temporal Analysis of b-value in the Banda Arc, Indonesia. *IOP Conference Series: Earth and Environmental Science*, **2021**, 873, 012010 0.3
- 1 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 0.3