

Syamsidik Syamsidik

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

941
citations

567281

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477307

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72
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72
docs citations

72
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-Earthquake Damage Assessment after the 6.5 Mw Earthquake on December, 7th 2016 in Pidie Jaya, Indonesia. <i>Journal of Earthquake Engineering</i> , 2022, 26, 409-426.	2.5	17
2	Incorporating dynamics of land use and land cover changes into tsunami numerical modelling for future tsunamis in Banda Aceh. <i>E3S Web of Conferences</i> , 2022, 340, 01014.	0.5	5
3	Multi-indicator building vulnerability index for assessing tsunami-induced building damages. <i>E3S Web of Conferences</i> , 2022, 340, 04002.	0.5	0
4	Investigating characteristics of tsunami hazards for west coast of Aceh Besar district, Indonesia. <i>E3S Web of Conferences</i> , 2022, 340, 01005.	0.5	3
5	Fifteen years of the 2004 Indian Ocean Tsunami in Aceh-Indonesia: Mitigation, preparedness and challenges for a long-term disaster recovery process. <i>International Journal of Disaster Risk Reduction</i> , 2021, 54, 102052.	3.9	20
6	Coupling sea-level rise with tsunamis: Projected adverse impact of future tsunamis on Banda Aceh city, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102084.	3.9	19
7	Characteristics of building fragility curves for seismic and non-seismic tsunamis: case studies of the 2018 Sunda Strait, 2018 Sulawesiâ€Palu, and 2004 Indian Ocean tsunamis. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2313-2344.	3.6	11
8	Cascading disasters triggered by tsunami hazards: A perspective for critical infrastructure resilience and disaster risk reduction. <i>International Journal of Disaster Risk Reduction</i> , 2021, 66, 102597.	3.9	34
9	The 2004 Indian Ocean Earthquake and Tsunami: Resettlement and Demographic Challenges. <i>Disaster Risk Reduction</i> , 2021, , 317-331.	0.4	1
10	Measuring coastal cities' resilience toward coastal hazards: Instrument development and validation. <i>Progress in Disaster Science</i> , 2020, 5, 100057.	2.7	15
11	Coastal and settlement typologies-based tsunami modeling along the northern Sumatra seismic gap zone for disaster risk reduction action plans. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101800.	3.9	10
12	City Resilience towards Coastal Hazards: An Integrated Bottom-Up and Top-Down Assessment. <i>Water (Switzerland)</i> , 2020, 12, 2823.	2.7	20
13	Shallow crustal earthquake models, damage, and loss predictions in Banda Aceh, Indonesia. <i>Geoenvironmental Disasters</i> , 2020, 7, .	3.6	20
14	Challenges in increasing community preparedness against tsunami hazards in tsunami-prone small islands around Sumatra, Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2020, 47, 101572.	3.9	16
15	The 22âDecember 2018 Mount Anak Krakatau volcanogenic tsunami on Sunda Strait coasts, Indonesia: tsunami and damage characteristics. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 549-565.	3.6	44
16	Assessment on Damages of Harbor Complexes Due to Impacts of the 2018 Palu-Donggala Tsunami, Indonesia. , 2020, , 257-260.		1
17	Global optimization of a numerical two-layer model using observed data: a case study of the 2018 Sunda Strait tsunami. <i>Geoscience Letters</i> , 2020, 7, .	3.3	14
18	Numerical simulations of the 2004âIndian Ocean tsunami deposits' thicknesses and emplacements. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1265-1280.	3.6	9

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19	Post-tsunami survey of the 28 September 2018 tsunami near Palu Bay in Central Sulawesi, Indonesia: Impacts and challenges to coastal communities. <i>International Journal of Disaster Risk Reduction</i> , 2019, 38, 101229.	3.9	41
20	Coastal Flooding Impacts Induced Sea Level Rise on Banda Aceh Coastal Morphology. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012007.	0.3	1
21	Reconstruction of the 2004 Tsunami Inundation Map in Banda Aceh Through Numerical Model and Its Validation with Post-Tsunami Survey Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012008.	0.3	5
22	Numerical Experiments on Tsunami Wave Forces on Open Structures Using Dam-Break Method. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012010.	0.3	0
23	Numerical Simulations of Tsunami Wave Properties on Coastal Slopes using One Piston-Wavemaker Method. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012011.	0.3	1
24	Factors Affecting Post-Disaster Housing Reconstruction on Preconstruction Stage in Pidie Jaya Regency Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012037.	0.3	1
25	Conceptual Design of Mobile Application for Post-disaster Rapid Assessment of Damaged Houses. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 273, 012050.	0.3	1
26	Assessment of post-tsunami disaster land use/land cover change and potential impact of future sea-level rise to low-lying coastal areas: A case study of Banda Aceh coast of Indonesia. <i>International Journal of Disaster Risk Reduction</i> , 2019, 41, 101292.	3.9	29
27	Numerical Simulation of Morphological Changes due to the 2004 Tsunami Wave around Banda Aceh, Indonesia. <i>Geosciences (Switzerland)</i> , 2019, 9, 125.	2.2	14
28	Coastal land use changes around the Ulee Lheue Bay of Aceh during the 10-year 2004 Indian Ocean tsunami recovery process. <i>International Journal of Disaster Risk Reduction</i> , 2018, 29, 24-36.	3.9	12
29	Enhancing community resilience towards disaster: The contributing factors of school-community collaborative network in the tsunami affected area in Aceh. <i>International Journal of Disaster Risk Reduction</i> , 2018, 29, 3-12.	3.9	57
30	The prediction of building damages and casualties in the Kuta Alam sub district-Banda Aceh caused by different earthquake models. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
31	Vulnerability Characteristics of Tsunamis in Indonesia: Analysis of the Global Centre for Disaster Statistics Database. <i>Journal of Disaster Research</i> , 2018, 13, 1039-1048.	0.7	10
32	EVALUASI JARINGAN DAERAH IRIGASI BULOH BLANG ARA. <i>Jurnal Teknik Sipil</i> , 2018, 1, 985-994.	0.1	0
33	KEANDALAN EMBUNG LAMBADEUK UNTUK PEMENUHAN AIR BERSIH DI DAERAH PESIRIS KECAMATAN PEUKAN BADA ACEH BESAR. <i>Jurnal Teknik Sipil</i> , 2018, 1, 971-984.	0.1	0
34	KAJIAN POLA OPERASI WADUK KEUREUTO UNTUK MEMENUHI KEBUTUHAN AIR BAKU DI KABUPATEN ACEH UTARA PROVINSI ACEH. <i>Jurnal Teknik Sipil</i> , 2018, 1, 1059-1070.	0.1	0
35	Assessment of post-tsunami disaster recovery of Banda Aceh city of Indonesia as window of opportunities for sustainable development. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 56, 012019.	0.3	5
36	The Indian Ocean Tsunami and Land Use Changes in Indonesia. <i>Disaster Risk Reduction</i> , 2017, , 297-310.	0.4	4

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37	Projections of tsunami inundation area coupled with impacts of sea level rise in Banda Aceh, Indonesia. AIP Conference Proceedings, 2017, , .	0.4	4
38	Changes in coastal land use and the reasons for selecting places to live in Banda Aceh 10Âyears after the 2004 Indian Ocean tsunami. Natural Hazards, 2017, 88, 1503-1521.	3.4	24
39	Numerical Simulations of Impacts of the 2004 Indian Ocean Tsunami on Coastal Morphological Changes Around the Ulee Lheue Bay of Aceh, Indonesia. Journal of Earthquake and Tsunami, 2017, 11, 1740005.	1.3	14
40	Preliminary study on performance of a coupled hydrodynamic and sediment transport model on small domain. AIP Conference Proceedings, 2017, , .	0.4	1
41	Numerical simulations of land cover roughness influence on tsunami inundation in Ulee Lheue Bay, Aceh-Indonesia. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012009.	0.3	2
42	Predicting impact of SLR on coastal flooding in Banda Aceh coastal defences. AIP Conference Proceedings, 2017, , .	0.4	3
43	A decade process of coastal land use changes in Peukan Bada-Aceh after the 2004 Indian Ocean Tsunami. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012012.	0.3	2
44	Numerical simulations of tsunami waves impacts on Ulee Lheue Harbour in Banda Aceh-Indonesia. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012015.	0.3	5
45	Disaster risk reduction policies and regulations in Aceh after the 2004 Indian Ocean Tsunami. IOP Conference Series: Earth and Environmental Science, 2017, 56, 012022.	0.3	3
46	Numerical simulation for estimating of sediment transport due layouts of port. AIP Conference Proceedings, 2017, , .	0.4	0
47	Numerical simulation of the impacts of reflected tsunami waves on Pulo Raya Island during the 2004 Indian Ocean tsunami. Journal of Coastal Conservation, 2016, 20, 489-499.	1.6	10
48	Influence of Small Islands against Tsunami Wave Impact along Sumatra Island. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_331-I_336.	0.4	0
49	Local and indigenous knowledge on climate-related hazards of coastal and small island communities in Southeast Asia. Climatic Change, 2015, 128, 35-56.	3.6	74
50	A conceptual model of a schoolâ€community collaborative network in enhancing coastal community resilience in Banda Aceh, Indonesia. International Journal of Disaster Risk Reduction, 2015, 12, 300-310.	3.9	63
51	Development of accurate tsunami estimated times of arrival for tsunami-prone cities in Aceh, Indonesia. International Journal of Disaster Risk Reduction, 2015, 14, 403-410.	3.9	45
52	Progress of Coastal Line Rehabilitation After the Indian Ocean Tsunami Around Banda Aceh Coasts. Disaster Risk Reduction, 2015, , 175-189.	0.4	5
53	Process for integrating local and indigenous knowledge with science for hydro-meteorological disaster risk reduction and climate change adaptation in coastal and small island communities. International Journal of Disaster Risk Reduction, 2014, 10, 15-27.	3.9	225
54	TSUNAMI MITIGATION MEASURES FOR TSUNAMI PRONE SMALL ISLANDS: LESSONS LEARNED FROM THE 2010 TSUNAMI AROUND THE MENTAWAI ISLANDS OF INDONESIA. Journal of Earthquake and Tsunami, 2013, 07, 1350002.	1.3	9

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55	RECENT RESEARCH ON TSUNAMI HAZARDS FOR SUMATRA AND THE SOUTH CHINA SEA AREA. Journal of Earthquake and Tsunami, 2013, 07, 1303001.	1.3	1
56	OBSERVATIONS OF SUSPENDED SEDIMENT PROPERTIES OFF THE TENRYU RIVER MOUTH, JAPAN. , 2009, , .		0
57	Characteristics of Tidal Currents and Suspended Sediment Fluxes off River Mouths. Proceedings of Coastal Engineering Jsce, 2007, 54, 601-605.	0.1	2
58	Earthquake relocation to understand the megathrust segments along the Sumatran subduction zone. IOP Conference Series: Earth and Environmental Science, 0, 630, 012002.	0.3	1