

Hizir Sofyan

List of Publications by Year in descending order

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53
papers

1,103
citations

623734

14
h-index

434195

31
g-index

55
all docs

55
docs citations

55
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceptance of a COVID-19 Vaccine in Southeast Asia: A Cross-Sectional Study in Indonesia. <i>Frontiers in Public Health</i> , 2020, 8, 381.	2.7	440
2	Willingness-to-pay for a COVID-19 vaccine and its associated determinants in Indonesia. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 3074-3080.	3.3	111
3	Integrated model for earthquake risk assessment using neural network and analytic hierarchy process: Aceh province, Indonesia. <i>Geoscience Frontiers</i> , 2020, 11, 613-634.	8.4	82
4	Knowledge management practices in disaster management: Systematic review. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101881.	3.9	65
5	Prevalence, comorbidity and predictors of post-traumatic stress disorder, depression, and anxiety in adolescents following an earthquake. <i>Asian Journal of Psychiatry</i> , 2019, 43, 154-159.	2.0	39
6	An Extended MABAC Method Based on Triangular Fuzzy Neutrosophic Numbers for Multiple-Criteria Group Decision Making Problems. <i>Axioms</i> , 2020, 9, 104.	1.9	33
7	Earthquake hazard and risk assessment using machine learning approaches at Palu, Indonesia. <i>Science of the Total Environment</i> , 2020, 749, 141582.	8.0	33
8	Seismic hazard and risk assessment: a review of state-of-the-art traditional and GIS models. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	31
9	Quality of life, depression, and anxiety of patients undergoing hemodialysis: Significant role of acceptance of the illness. <i>International Journal of Psychiatry in Medicine</i> , 2021, 56, 40-50.	1.8	26
10	Prevalence of depression and anxiety among college students living in a disaster-prone region. <i>Alexandria Journal of Medicine</i> , 2018, 54, 337-340.	0.6	24
11	The use of nano-silicon carbide and nickel as catalyst in magnesium hydrides (MgH ₂) for hydrogen storage material application. <i>Materials Research Express</i> , 2018, 5, 064002.	1.6	24
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	DNA barcoding of commercially important reef fishes in Weh Island, Aceh, Indonesia. <i>PeerJ</i> , 2020, 8, e9641.	2.0	19
14	Healthcare providers' perception of the referral system in maternal care facilities in Aceh, Indonesia: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e031484.	1.9	17
15	Between a rock and a hard place: rugged terrain features and human disturbance affect behaviour and habitat use of Sumatran elephants in Aceh, Sumatra, Indonesia. <i>Biodiversity and Conservation</i> , 2021, 30, 597-618.	2.6	17
16	Perceived Risk of Being Infected With SARS-CoV-2: A Perspective From Indonesia. <i>Disaster Medicine and Public Health Preparedness</i> , 2020, , 1-5.	1.3	16
17	Comparative study on the removal of COD from POME by electrocoagulation and electro-Fenton methods: Process optimization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 334, 012026.	0.6	10
18	Identifying the variation in utilization density estimators and home ranges of elephant clans in Aceh, Sumatra, Indonesia. <i>European Journal of Wildlife Research</i> , 2020, 66, 1.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Applying Fuzzy Multiple-Attribute Decision Making Based on Set-pair Analysis with Triangular Fuzzy Number for Decent Homes Distribution Problem. , 2018, , .		8
20	The use of Silica from beach sand as catalyst in Magnesium based hydrides for Hydrogen storage materials. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012093.	0.3	7
21	Using peer education to improve diabetes management and outcomes in a low-income setting: a randomized controlled trial. Trials, 2019, 20, 548.	1.6	7
22	Effects of the World Health Organization Safe Childbirth Checklist on Quality of Care and Birth Outcomes in Aceh, Indonesia. JAMA Network Open, 2021, 4, e2137168.	5.9	7
23	Analyzing XploRe Download Profiles with Intelligent Miner. Computational Statistics, 2001, 16, 465-479.	1.5	5
24	Knowledge Creation for Community Resilience (KCCR): A Conceptual Model. Journal of Disaster Research, 2021, 16, 1097-1106.	0.7	5
25	Forecasting household electricity consumption in the province of Aceh using combination time series model. , 2017, , .		4
26	Exposure to Traumatic Events and PTSD in a Postconflict and Disaster-Prone Area. Journal of Loss and Trauma, 2018, 23, 128-139.	1.5	4
27	Classification and Regression Trees. , 2000, , 281-304.		3
28	Online Prediction of Berlin Single-Family House Prices. Computational Statistics, 2003, 18, 449-462.	1.5	3
29	Tax revenue and inflation rate predictions in Banda Aceh using Vector Error Correction Model (VECM). IOP Conference Series: Materials Science and Engineering, 2018, 352, 012056.	0.6	3
30	The composition and abundance of reef fish (Family Chaetodontidae) in Aceh Besar Waters, Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012078.	0.3	3
31	The prevalence and associated factors of metabolic syndrome among patients with end-stage renal failure undergoing hemodialysis in Indonesia. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 2069-2072.	3.6	3
32	Knowledge creation elements for enhancing community resilience towards disaster: A Delphi study. Jamba: Journal of Disaster Risk Studies, 2021, 13, 1137.	0.9	3
33	Econometric and Fuzzy Modelling of Indonesian Money Demand. , 2005, , 249-270.		2
34	Structure analysis of tax revenue and inflation rate in Banda Aceh using vector error correction model with multiple alpha. AIP Conference Proceedings, 2017, , .	0.4	2
35	The application of R and ArcGIS software as a learning media to estimate the return period of the destructive earthquake in Aceh areas using maximum likelihood method. Journal of Physics: Conference Series, 2018, 1088, 012006.	0.4	2
36	Assessment of mangrove forest damage and its recovery in Banda Aceh city post-tsunami disaster. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012108.	0.3	2

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37	DOUBLE BOOTSTRAP CONTROL CHART FOR MONITORING SUKUK VOLATILITY AT BURSA MALAYSIA. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	2
38	Periodicity analysis of tourist arrivals to Banda Aceh using smoothing SARIMA approach. AIP Conference Proceedings, 2017, , .	0.4	1
39	Spatial Autocorrelation of Earthquake Magnitudes in Tripa Fault, Aceh Province, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012048.	0.3	1
40	Spatial Distribution of Anemia Among Adolescents In Banda Aceh, Indonesia. IOP Conference Series: Materials Science and Engineering, 2019, 506, 012007.	0.6	1
41	Peningkatan Kemampuan Pemahaman dan Pemecahan Masalah Matematis Siswa Sekolah Menengah Atas dengan Model Pembelajaran Kooperatif Tipe Team Assisted Individualization. Jurnal Elemen, 2015, 1, 144.	0.2	1
42	Applying Fuzzy Decision Tree Method for Hypertension Classification in Adolescent. Lecture Notes in Networks and Systems, 2022, , 360-368.	0.7	1
43	MD*ReX: Linking XploRe to Standard Spreadsheet Applications. Computational Statistics, 2002, 17, 329-341.	1.5	0
44	Interactive statistics learning with RWikiStat. , 2010, , .		0
45	The composition of reef-associated fishes in Ulee Lheue breakwater Banda Aceh, Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2018, 216, 012021.	0.3	0
46	Studentsâ€™ ability to convert a situation into a mathematical model or diagram using problem solving approach. Journal of Physics: Conference Series, 2018, 1088, 012072.	0.4	0
47	The integration of response surface method in microsoft excel with visual basic application. Journal of Physics: Conference Series, 2018, 1116, 022044.	0.4	0
48	Estimation of return period of the destructive earthquake in aceh using the maximum likelihood method. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012024.	0.3	0
49	The diversity of marine macroinvertebrates in Aceh Besar waters, Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012076.	0.3	0
50	The composition of coral reefs in Ulee Lheue breakwater, Banda Aceh, Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012077.	0.3	0
51	Role of Memorability Phase Strategy as a Mediating Variable in Forming Loyalty of Tourists in Aceh. , 2019, , .		0
52	Assessing the Intermediate Function of Local Academic Institutions During the Rehabilitation and Reconstruction of Aceh, Indonesia. Journal of Disaster Research, 2021, 16, 1265-1273.	0.7	0
53	The Integration of STEMC in Indonesia: Current Status and Future Prospects. , 2021, , .		0