# 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 | Applying Fuzzy Decision Tree Method for Hypertension Classification in Adolescent. Lecture Notes in Networks and Systems, 2022, , 360-368. | 0.7 | 1 |
| 2 | Quality of life, depression, and anxiety of patients undergoing hemodialysis: Significant role of acceptance of the illness. International Journal of Psychiatry in Medicine, 2021, 56, 40-50. | 1.8 | 26 |
| 3 | 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. Biodiversity and Conservation, 2021, 30, 597-618. | 2.6 | 17 |
| 4 | Knowledge Creation for Community Resilience (KCCR): A Conceptual Model. Journal of Disaster Research, 2021, 16, 1097-1106. | 0.7 | 5 |
| 5 | Knowledge creation elements for enhancing community resilience towards disaster: A Delphi study. Jamba: Journal of Disaster Risk Studies, 2021, 13, 1137. | 0.9 | 3 |
| 6 | 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 |
| 7 | 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 |
| 8 | The Integration of STEMC in Indonesia: Current Status and Future Prospects. , 2021, , . | | 0 |
| 9 | Integrated model for earthquake risk assessment using neural network and analytic hierarchy process: Aceh province, Indonesia. Geoscience Frontiers, 2020, 11, 613-634. | 8.4 | 82 |
| 10 | Seismic hazard and risk assessment: a review of state-of-the-art traditional and GIS models. Arabian Journal of Geosciences, 2020, 13, 1. | 1.3 | 31 |
| 11 | Identifying the variation in utilization density estimators and home ranges of elephant clans in Aceh, Sumatra, Indonesia. European Journal of Wildlife Research, 2020, 66, 1. | 1.4 | 10 |
| 12 | An Extended MABAC Method Based on Triangular Fuzzy Neutrosophic Numbers for Multiple-Criteria Group Decision Making Problems. Axioms, 2020, 9, 104. | 1.9 | 33 |
| 13 | Willingness-to-pay for a COVID-19 vaccine and its associated determinants in Indonesia. Human Vaccines and Immunotherapeutics, 2020, 16, 3074-3080. | 3.3 | 111 |
| 14 | Acceptance of a COVID-19 Vaccine in Southeast Asia: A Cross-Sectional Study in Indonesia. Frontiers in Public Health, 2020, 8, 381. | 2.7 | 440 |
| 15 | Earthquake hazard and risk assessment using machine learning approaches at Palu, Indonesia. Science of the Total Environment, 2020, 749, 141582. | 8.0 | 33 |
| 16 | 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 |
| 17 | Knowledge management practices in disaster management: Systematic review. International Journal of Disaster Risk Reduction, 2020, 51, 101881. | 3.9 | 65 |
| 18 | Perceived Risk of Being Infected With SARS-CoV-2: A Perspective From Indonesia. Disaster Medicine and Public Health Preparedness, 2020, , 1-5. | 1.3 | 16 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | City Resilience towards Coastal Hazards: An Integrated Bottom-Up and Top-Down Assessment. Water (Switzerland), 2020, 12, 2823. | 2.7 | 20 |
| 20 | DNA barcoding of commercially important reef fishes in Weh Island, Aceh, Indonesia. PeerJ, 2020, 8, e9641. | 2.0 | 19 |
| 21 | 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 |
| 22 | Spatial Autocorrelation of Earthquake Magnitudes in Tripa Fault, Aceh Province, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 273, 012048. | 0.3 | 1 |
| 23 | 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 |
| 24 | Prevalence, comorbidity and predictors of post-traumatic stress disorder, depression, and anxiety in adolescents following an earthquake. Asian Journal of Psychiatry, 2019, 43, 154-159. | 2.0 | 39 |
| 25 | Healthcare providers' perception of the referral system in maternal care facilities in Aceh, Indonesia: a cross-sectional study. BMJ Open, 2019, 9, e031484. | 1.9 | 17 |
| 26 | Spatial Distribution of Anemia Among Adolescents In Banda Aceh, Indonesia. IOP Conference Series: Materials Science and Engineering, 2019, 506, 012007. | 0.6 | 1 |
| 27 | The diversity of marine macroinvertebrates in Aceh Besar waters, Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012076. | 0.3 | 0 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Role of Memorability Phase Strategy as a Mediating Variable in Forming Loyalty of Tourists in Aceh. , 2019, , . | | 0 |
| 32 | 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 |
| 33 | 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 |
| 34 | Applying Fuzzy Multiple-Attribute Decision Making Based on Set-pair Analysis with Triangular Fuzzy Number for Decent Homes Distribution Problem. , 2018, , . | | 8 |
| 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 | Students' 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 |

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|---|---------|-----|-----------|
| 37 | The integration of response surface method in microsoft excel with visual basic application. Journal of Physics: Conference Series, 2018, 1116, 022044. | 0.4 | 0 |
| 38 | Comparative study on the removal of COD from POME by electrocoagulation and electro-Fenton methods: Process optimization. IOP Conference Series: Materials Science and Engineering, 2018, 334, 012026. | 0.6 | 10 |
| 39 | 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 |
| 40 | 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 |
| 41 | Prevalence of depression and anxiety among college students living in a disaster-prone region. Alexandria Journal of Medicine, 2018, 54, 337-340. | 0.6 | 24 |
| 42 | The use of nano-silicon carbide and nickel as catalyst in magnesium hydrides ($MgH_2$) for hydrogen storage material application. Materials Research Express, 2018, 5, 064002. | 1.6 | 24 |
| 43 | 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 |
| 44 | Forecasting household electricity consumption in the province of Aceh using combination time series model. , 2017, , . | | 4 |
| 45 | Periodicity analysis of tourist arrivals to Banda Aceh using smoothing SARIMA approach. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 46 | DOUBLE BOOTSTRAP CONTROL CHART FOR MONITORING SUKUK VOLATILITY AT BURSA MALAYSIA. Jurnal Teknologi (Sciences and Engineering), 2017, 79, . | 0.4 | 2 |
| 47 | 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 |
| 48 | Interactive statistics learning with RWikiStat. , 2010, , . | | 0 |
| 49 | Econometric and Fuzzy Modelling of Indonesian Money Demand. , 2005, , 249-270. | | 2 |
| 50 | Online Prediction of Berlin Single-Family House Prices. Computational Statistics, 2003, 18, 449-462. | 1.5 | 3 |
| 51 | MD*ReX: Linking XploRe to Standard Spreadsheet Applications. Computational Statistics, 2002, 17, 329-341. | 1.5 | 0 |
| 52 | Analyzing XploRe Download Profiles with Intelligent Miner. Computational Statistics, 2001, 16, 465-479. | 1.5 | 5 |
| 53 | Classification and Regression Trees. , 2000, , 281-304. | | 3 |