

# Fathoni Usman

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

200  
citations

1307594

7  
h-index

1199594

12  
g-index

42  
all docs

42  
docs citations

42  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban Stormwater Management Model and Tools for Designing Stormwater Management of Green Infrastructure Practices. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012022.	0.3	29
2	Flexural Creep Behaviour of Pultruded GFRP Composites Cross-Arm: A Comparative Study on the Effects of Stacking Sequence. Polymers, 2022, 14, 1330.	4.5	25
3	Sugar Palm Fibre-Reinforced Polymer Composites: Influence of Chemical Treatments on Its Mechanical Properties. Materials, 2022, 15, 3852.	2.9	24
4	Determining Health Index of Transmission Line Asset using Condition-Based Method. Resources, 2019, 8, 80.	3.5	12
5	Value Engineering in Building Information Modelling for Cost Optimization of Renovation Works: a Case Study. International Journal of Engineering and Technology(UAE), 2018, 7, 431.	0.3	11
6	Impact Resistance Behaviour of Banana Fiber Reinforced Slabs. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012017.	0.3	10
7	Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012019.	0.3	9
8	Development of composite material from Recycled Polyethylene Terephthalate and fly ash: Four decades progress review. Current Research in Green and Sustainable Chemistry, 2022, 5, 100280.	5.6	9
9	Impact resistance of sustainable construction material using light weight oil palm shells reinforced geogrid concrete slab. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012062.	0.3	7
10	Impact resistance performance of green construction material using light weight oil palm shells reinforced bamboo concrete slab. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012063.	0.3	6
11	Value engineering awareness study for sustainable construction in Malaysia. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012089.	0.3	5
12	Impact Resistance Behaviour of Light Weight Rice Husk Concrete with Bamboo Reinforcement. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012020.	0.3	5
13	Comparative analysis on digital surface model of urban area from Sentinel-1 SAR interferometry and aerial photogrammetry for disaster mitigation plan. E3S Web of Conferences, 2021, 331, 04017.	0.5	4
14	Regional analysis assessment of landslide hazard and zoning map for transmission line route selection using GIS. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012134.	0.3	3
15	Effect of Polypropylene Fiber on the Flexural Strength of Ferrocement. Applied Mechanics and Materials, 0, 554, 199-202.	0.2	3
16	Shear Resistance of Trapezoidal Corrugated Web in Local Buckling. Applied Mechanics and Materials, 0, 554, 421-425.	0.2	3
17	The Effect of Mortar Grade and Thickness on the Impact Resistance of Ferrocement Slab. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012029.	0.3	3
18	The Effect of Thickness and Mesh Spacing on the Impact Resistance of Ferrocement Slab. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012027.	0.3	3

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19	Determine Environmental Structure Condition of River Sub System of Palembang City's Rivers using Geospatial Analysis. International Journal of Engineering and Technology(UAE), 2018, 7, 424.	0.3	3
20	Thermal Comfort Study Using CFD Analysis in Residential House with Mechanical Ventilation System. Lecture Notes in Civil Engineering, 2020, , 1613-1628.	0.4	3
21	Optimization of Structural Design for Sustainable Construction of Transmission Tower Based on Topographical Algorithm. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012023.	0.3	2
22	Environmental zoning for service life prediction of building components in Malaysia. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012087.	0.3	2
23	Development of corrosion risk map for Peninsular Malaysia using climatic and air pollution data. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012088.	0.3	2
24	Effect of Mesh Distribution on Impact Resistance Performance of Kenaf Fibre Reinforced Concrete. IOP Conference Series: Earth and Environmental Science, 2016, 32, 012025.	0.3	2
25	Integration of Spherical 360° Panoramic Virtual Tour with Assessment Data for Risk Assessment and Maintenance of Tunnel and Cavern. Applied Mechanics and Materials, 2016, 858, 50-56.	0.2	2
26	Automation in Civil Engineering Design in Assessing Building Energy Efficiency. International Journal of Engineering and Technology(UAE), 2018, 7, 722.	0.3	2
27	Dynamic Response of Self-Supported Power Transmission Tower Subjected to Wind Action. International Journal of Engineering and Technology(UAE), 2018, 7, 476.	0.3	2
28	Effect of Thickness and Fibre Volume Fraction on Impact Resistance of Steel Fibre Reinforced Concrete (SFRC). IOP Conference Series: Earth and Environmental Science, 2016, 32, 012026.	0.3	1
29	Evaluation of Condition Assessment of Tunnel Lining using Inspection Manual of CIRIA and FHWA. Journal of Physics: Conference Series, 2016, 710, 012035.	0.4	1
30	Effect of Steel Fibres Distribution on Impact Resistance Performance of Steel Fibre Reinforced Concrete (SFRC). IOP Conference Series: Earth and Environmental Science, 2016, 32, 012028.	0.3	1
31	Compressive Strength of Vege-Grout Bricks. International Journal of Engineering and Technology(UAE), 2018, 7, 516.	0.3	1
32	Analysis and Optimization of 275 kV Transmission Tower by Using Linear Static Analysis and P-Delta Analysis.. International Journal of Engineering and Technology(UAE), 2018, 7, 734.	0.3	1
33	Mapping of Earthquake-Induced Land Deformation on Urban Area Using Interferometric Synthetic Aperture Radar Data of Sentinel-1. Lecture Notes in Civil Engineering, 2022, , 491-502.	0.4	1
34	Detecting Seasonal Extent of Inundated Area of River Body in Banyuasin Regency Using Radar Data of Sentinel-1A. Lecture Notes in Civil Engineering, 2020, , 771-784.	0.4	1
35	Determination of Land Subsidence Caused by Land-Use Changing in Palembang City using Remote Sensing Data. , 0, , .		1
36	Predicting remaining life of lattice steel transmission tower based on condition assessment and corrosion hazard data. E3S Web of Conferences, 2021, 325, 01011.	0.5	1

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37	Transmission tower classification based on landslide risk Map generated by Geographical Information System (GIS) at Cameron Highlands. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012133.	0.3	0
38	Transmission tower classification based on landslide risk map generated by Geographical Information System (GIS) at Cameron Highlands. IOP Conference Series: Earth and Environmental Science, 2013, 16, 012093.	0.3	0
39	Geomarketing using Remote Sensing: a Study on Marketing and Planning Development Strategy at Northern Riyadh. International Journal of Engineering and Technology(UAE), 2018, 7, 112.	0.3	0
40	An Experimental Analysis on the Moment Rotation of Beam-Column Connection using Cold-form Steel Section. International Journal of Engineering and Technology(UAE), 2018, 7, 668.	0.3	0
41	Evaluating mechanical properties of fly ash bottom ash (FABA) geopolymer hybrid concrete in peat environment. AIP Conference Proceedings, 2021, , .	0.4	0