

Muhamad Safwan Bin Muhamad Azmi

List of Publications by Year in descending order

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17
papers

74
citations

2682572

2
h-index

1720034

7
g-index

17
all docs

17
docs citations

17
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	On the \hat{I}^m J-integral to characterize elastic-plastic fatigue crack growth. Engineering Fracture Mechanics, 2017, 176, 300-307.	4.3	25
2	Blockage Detection in Circular Pipe Using Vibration Analysis. International Journal on Advanced Science, Engineering and Information Technology, 2012, 2, 252.	0.4	16
3	Development of a webcam based lux meter. , 2013, , .		13
4	A Firefly Algorithm approach for routing in VLSI. , 2012, , .		8
5	Investigation of homogeneous multi robots communication via Bluetooth. , 2012, , .		3
6	Evaluation of \hat{I}^m J-integral for a shallow crack in steel for pressure vessels under large scale yielding (LSY) condition. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012017.	0.6	2
7	Proposal of an alternating bending technique for evaluating low to high cycle fatigue of structural steels. Fatigue and Fracture of Engineering Materials and Structures, 2020, 43, 1917-1927.	3.4	2
8	Development of an annular mist flow generating device for air-water flow. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012077.	0.6	1
9	Webcam Based Lux Meter Using Grid-Based Image Processing. , 2018, , .		1
10	Preliminary Analysis of Organic Wireless Positioning System in an Indoor Environment. IOP Conference Series: Materials Science and Engineering, 2019, 705, 012032.	0.6	1
11	Fracture toughness of railway for higher speed rail corridors in Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012065.	0.6	1
12	Influence of Strain Gradient on Fatigue Life of Carbon Steel for Pressure Vessels in Low-Cycle and High-Cycle Fatigue Regimes. Materials, 2022, 15, 445.	2.9	1
13	Experimental Study on Relation of Small UAV Propeller Thrust Generation and The Mouth-Ring. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012079.	0.6	0
14	Analysis of Relation Between Propulsion Angle and Thrust Generation of SEA-EYE. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012049.	0.6	0
15	Evaluating water resource sustainability of paddy for one planting schedule in Perlis. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012074.	0.6	0
16	Analysis of macro channel heat exchanger for fever relief cool cap using thermoelectric. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012040.	0.6	0
17	Determination of blind spot zone for motorcycles. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012075.	0.6	0