

Nazirul Mubin Zahari

List of Publications by Year in descending order

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41
papers

264
citations

1163117

8
h-index

940533

16
g-index

41
all docs

41
docs citations

41
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Smooth particle hydrodynamics modelling of liquid-sediment system and coastal wave breaker. Ocean Dynamics, 2022, 72, 99-114.	2.2	0
2	Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability. Polymers, 2022, 14, 920.	4.5	53
3	Electronic development for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	0
4	Effect of fiber orientation on ultimate tensile strength and youngâ€™s modulus of fabricated glass fiber reinforced polymer plates. AIP Conference Proceedings, 2021, , .	0.4	3
5	Characterization of mechanical properties of natural fibre reinforced polymer composite using horizontal and vertical kenaf fibre orientation. AIP Conference Proceedings, 2021, , .	0.4	1
6	Study of indoor air quality (IAQ) using one-way Anova. AIP Conference Proceedings, 2021, , .	0.4	0
7	Mechanical analysis for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	0
8	Customer survey analysis for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	1
9	Stress and deformation analysis on dam spillway structure due to water discharge. AIP Conference Proceedings, 2020, , .	0.4	1
10	Analysis on filtering performance of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	1
11	Analysis of air pollutants source using descriptive method. AIP Conference Proceedings, 2019, , .	0.4	0
12	Development of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	0
13	Design and development of fully automated water sprinkler system for small agriculture field. AIP Conference Proceedings, 2019, , .	0.4	0
14	Water quality physical parameters distribution mapping at upstream of dam spillway. AIP Conference Proceedings, 2019, , .	0.4	1
15	Analysis on structure reliability of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	0
16	Characterization of mechanical properties on natural fibre reinforced polymer using kenaf and polyurethane. AIP Conference Proceedings, 2019, , .	0.4	0
17	Causes of construction delay for housing projects in Malaysia. AIP Conference Proceedings, 2019, , .	0.4	3
18	Immobilization of heavy metal in coal bottom ash (CBA) mortar. AIP Conference Proceedings, 2019, , .	0.4	1

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19	Design and development an automatic plant pot prototype. AIP Conference Proceedings, 2018, , .	0.4	7
20	Floating water treatment device using zeolite as adsorbent material. AIP Conference Proceedings, 2018, , .	0.4	3
21	Treatment efficiency rate of solar powered water treatment device (SWAD). AIP Conference Proceedings, 2018, , .	0.4	2
22	Study on the potential use of textured plastic covers to improve a solar cell performance. AIP Conference Proceedings, 2018, , .	0.4	0
23	A study of phosphorus sediment distribution at Putrajaya Wetland using geographic information system (GIS - ArcMap) modeling. AIP Conference Proceedings, 2018, , .	0.4	3
24	Extraction of iron from coal bottom ash by carbon reduction method. AIP Conference Proceedings, 2018, , .	0.4	4
25	Maximum stress analysis for dam structure due to different magnitude scales of ground movements. AIP Conference Proceedings, 2018, , .	0.4	5
26	Assessment of energy efficiency in college of engineering (COE) building, Universiti Tenaga Nasional (UNITEN) Putrajaya using light-emission diode (LED) lighting. AIP Conference Proceedings, 2018, , .	0.4	0
27	The performance of diapers polymer in concrete as self-curing agent in term of chemical properties. AIP Conference Proceedings, 2018, , .	0.4	3
28	The performance of gross pollutant traps; urban area Sungai Klang; Malaysia. AIP Conference Proceedings, 2018, , .	0.4	1
29	Fluid-structure interactions study on hydraulic structures: A review. AIP Conference Proceedings, 2018, , .	0.4	11
30	Introduction of discrete phase model (DPM) in fluid flow: A review. AIP Conference Proceedings, 2018, , .	0.4	41
31	Mechanical properties of high performance self-curing concrete using hydrogel polymer diapers. AIP Conference Proceedings, 2018, , .	0.4	1
32	A review: Fundamentals of computational fluid dynamics (CFD). AIP Conference Proceedings, 2018, , .	0.4	50
33	Computational fluid dynamic analysis at dam spillway due to different gate openings. AIP Conference Proceedings, 2018, , .	0.4	12
34	Design and development of smart sorting recycle bin prototype. AIP Conference Proceedings, 2018, , .	0.4	9
35	Study on prediction fly ash generation using statistical method. AIP Conference Proceedings, 2018, , .	0.4	5
36	Numerical analysis of shot peening parameters for fatigue life improvement. AIP Conference Proceedings, 2018, , .	0.4	1

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37	Condition assessment on hydropower dam based on simulation approach: A review. AIP Conference Proceedings, 2018, , .	0.4	6
38	Efficiency rate of independent floating water treatment device (IFWAD). AIP Conference Proceedings, 2017, , .	0.4	7
39	Utilization of alum sludge as chromium removal. AIP Conference Proceedings, 2017, , .	0.4	1
40	Klang River water quality modelling using music. AIP Conference Proceedings, 2017, , .	0.4	14
41	Computational fluid dynamic analysis for independent floating water treatment device. AIP Conference Proceedings, 2017, , .	0.4	13