

Nazirul Mubin Zahari

List of Publications by Year in descending order

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Version: 2024-02-01

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	Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability. <i>Polymers</i> , 2022, 14, 920.	4.5	53
2	A review: Fundamentals of computational fluid dynamics (CFD). <i>AIP Conference Proceedings</i> , 2018, , .	0.4	50
3	Introduction of discrete phase model (DPM) in fluid flow: A review. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	41
4	Klang River water quality modelling using music. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	14
5	Computational fluid dynamic analysis for independent floating water treatment device. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	13
6	Computational fluid dynamic analysis at dam spillway due to different gate openings. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	12
7	Fluid-structure interactions study on hydraulic structures: A review. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	11
8	Design and development of smart sorting recycle bin prototype. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	9
9	Efficiency rate of independent floating water treatment device (IFWAD). <i>AIP Conference Proceedings</i> , 2017, , .	0.4	7
10	Design and development an automatic plant pot prototype. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	7
11	Condition assessment on hydropower dam based on simulation approach: A review. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	6
12	Maximum stress analysis for dam structure due to different magnitude scales of ground movements. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	5
13	Study on prediction fly ash generation using statistical method. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	5
14	Extraction of iron from coal bottom ash by carbon reduction method. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
15	Floating water treatment device using zeolite as adsorbent material. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
16	A study of phosphorus sediment distribution at Putrajaya Wetland using geographic information system (GIS - ArcMap) modeling. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
17	The performance of diapers polymer in concrete as self-curing agent in term of chemical properties. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
18	Causes of construction delay for housing projects in Malaysia. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3

#	ARTICLE	IF	CITATIONS
19	Effect of fiber orientation on ultimate tensile strength and young's modulus of fabricated glass fiber reinforced polymer plates. AIP Conference Proceedings, 2021, , .	0.4	3
20	Treatment efficiency rate of solar powered water treatment device (SWAD). AIP Conference Proceedings, 2018, , .	0.4	2
21	Utilization of alum sludge as chromium removal. AIP Conference Proceedings, 2017, , .	0.4	1
22	The performance of gross pollutant traps; urban area Sungai Klang; Malaysia. AIP Conference Proceedings, 2018, , .	0.4	1
23	Mechanical properties of high performance self-curing concrete using hydrogel polymer diapers. AIP Conference Proceedings, 2018, , .	0.4	1
24	Numerical analysis of shot peening parameters for fatigue life improvement. AIP Conference Proceedings, 2018, , .	0.4	1
25	Analysis on filtering performance of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	1
26	Water quality physical parameters distribution mapping at upstream of dam spillway. AIP Conference Proceedings, 2019, , .	0.4	1
27	Immobilization of heavy metal in coal bottom ash (CBA) mortar. AIP Conference Proceedings, 2019, , .	0.4	1
28	Stress and deformation analysis on dam spillway structure due to water discharge. AIP Conference Proceedings, 2020, , .	0.4	1
29	Characterization of mechanical properties of natural fibre reinforced polymer composite using horizontal and vertical kenaf fibre orientation. AIP Conference Proceedings, 2021, , .	0.4	1
30	Customer survey analysis for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	1
31	Study on the potential use of textured plastic covers to improve a solar cell performance. AIP Conference Proceedings, 2018, , .	0.4	0
32	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
33	Analysis of air pollutants source using descriptive method. AIP Conference Proceedings, 2019, , .	0.4	0
34	Development of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	0
35	Design and development of fully automated water sprinkler system for small agriculture field. AIP Conference Proceedings, 2019, , .	0.4	0
36	Analysis on structure reliability of solar powered water treatment device (SWAD) prototype. AIP Conference Proceedings, 2019, , .	0.4	0

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37	Characterization of mechanical properties on natural fibre reinforced polymer using kenaf and polyurethane. AIP Conference Proceedings, 2019, , .	0.4	0
38	Electronic development for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	0
39	Study of indoor air quality (IAQ) using one-way Anova. AIP Conference Proceedings, 2021, , .	0.4	0
40	Mechanical analysis for a keyless anti-theft bicycle lock system prototype. AIP Conference Proceedings, 2021, , .	0.4	0
41	Smooth particle hydrodynamics modelling of liquid-sediment system and coastal wave breaker. Ocean Dynamics, 2022, 72, 99-114.	2.2	0