

Wan Mohd Faizal Wan Abd Rahim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4747042/publications.pdf>

Version: 2024-02-01

22
papers

157
citations

1477746

6
h-index

1199166

12
g-index

22
all docs

22
docs citations

22
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fluid dynamics modelling of human upper airway: A review. Computer Methods and Programs in Biomedicine, 2020, 196, 105627.	2.6	48
2	Analytical Hierarchy Process for Natural Fiber Composites Automotive Armrest Thermoset Matrix Selection. MATEC Web of Conferences, 2017, 97, 01039.	0.1	21
3	Effect of zinc addition on the performance of aluminium alloy sacrificial anode for marine application. AIP Conference Proceedings, 2017, , .	0.3	16
4	A review of fluid-structure interaction simulation for patients with sleep related breathing disorders with obstructive sleep. Computer Methods and Programs in Biomedicine, 2019, 180, 105036.	2.6	16
5	Influence of solder joint length to the mechanical aspect during the thermal stress analysis. AIP Conference Proceedings, 2017, , .	0.3	13
6	Biomechanical evaluation of different abutment-implant connections – A nonlinear finite element analysis. AIP Conference Proceedings, 2017, , .	0.3	10
7	New approach for quality control in manufacturing process. AIP Conference Proceedings, 2017, , .	0.3	7
8	Simulation based optimization of injection molding parameter for meso-scale product of dental component fabrication using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	6
9	Finite element study on the integrity of tool holder with integrated internal cooling channel. AIP Conference Proceedings, 2017, , .	0.3	3
10	Turning of aluminum alloy Al-6063 under dry and wet condition using CVD coated tool. AIP Conference Proceedings, 2018, , .	0.3	3
11	Mechanical aspects analysis of the cyclone gasifier design via finite element method. AIP Conference Proceedings, 2018, , .	0.3	3
12	The effect of different dental implant thread profiles on bone stress distribution. AIP Conference Proceedings, 2018, , .	0.3	2
13	Observation on dynamic behavior of droplets evaporation after the end-of-injection of diesel spray. AIP Conference Proceedings, 2018, , .	0.3	2
14	Preparation of Heat Treated Titanium Dioxide (TiO ₂) Nanoparticles for Water Purification. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012084.	0.3	2
15	Computational Analysis of Airflow in Upper Airway under Light and Heavy Breathing Conditions for a Realistic Patient Having Obstructive Sleep Apnea. CMES - Computer Modeling in Engineering and Sciences, 2021, 128, 583-604.	0.8	2
16	The effect of hydrophilicity of graphene oxide as additive towards performance of polysulfone membrane. AIP Conference Proceedings, 2017, , .	0.3	1
17	Turbulent coolant inside cutting tool to control heat transfer during cutting process. AIP Conference Proceedings, 2018, , .	0.3	1
18	The effect of rotary tiller blade design on soil pulverization. AIP Conference Proceedings, 2018, , .	0.3	1

#	ARTICLE	IF	CITATIONS
19	The Effect of Aggressive Corrosion Mediums on the Microstructure and Properties of Mild Steel. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012044.	0.3	0
20	Protection of Tempered Aluminum Alloy in Contact with the Environment. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012043.	0.3	0
21	Performance studies of polysulfone-based membrane: Effect of silver acetate morphology. AIP Conference Proceedings, 2018, , .	0.3	0
22	Grid sensitivity studies for validation of human upper airways. IOP Conference Series: Materials Science and Engineering, 0, 932, 012107.	0.3	0