

# Wan Mohd Faizal Wan Abd Rahim

## List of Publications by Year in descending order

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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 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
2	Computational fluid dynamics modelling of human upper airway: A review. Computer Methods and Programs in Biomedicine, 2020, 196, 105627.	2.6	48
3	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
4	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
5	Turbulent coolant inside cutting tool to control heat transfer during cutting process. AIP Conference Proceedings, 2018, , .	0.3	1
6	The effect of rotary tiller blade design on soil pulverization. AIP Conference Proceedings, 2018, , .	0.3	1
7	The effect of different dental implant thread profiles on bone stress distribution. AIP Conference Proceedings, 2018, , .	0.3	2
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	Protection of Tempered Aluminum Alloy in Contact with the Environment. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012043.	0.3	0
10	Performance studies of polysulfone-based membrane: Effect of silver acetate morphology. AIP Conference Proceedings, 2018, , .	0.3	0
11	Observation on dynamic behavior of droplets evaporation after the end-of-injection of diesel spray. AIP Conference Proceedings, 2018, , .	0.3	2
12	Turning of aluminum alloy Al-6063 under dry and wet condition using CVD coated tool. AIP Conference Proceedings, 2018, , .	0.3	3
13	Mechanical aspects analysis of the cyclone gasifier design via finite element method. AIP Conference Proceedings, 2018, , .	0.3	3
14	Preparation of Heat Treated Titanium Dioxide (TiO <sub>2</sub> ) Nanoparticles for Water Purification. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012084.	0.3	2
15	Analytical Hierarchy Process for Natural Fiber Composites Automotive Armrest Thermoset Matrix Selection. MATEC Web of Conferences, 2017, 97, 01039.	0.1	21
16	Influence of solder joint length to the mechanical aspect during the thermal stress analysis. AIP Conference Proceedings, 2017, , .	0.3	13
17	Biomechanical evaluation of different abutment-implant connections " A nonlinear finite element analysis. AIP Conference Proceedings, 2017, , .	0.3	10
18	The effect of hydrophilicity of graphene oxide as additive towards performance of polysulfone membrane. AIP Conference Proceedings, 2017, , .	0.3	1

#	ARTICLE	IF	CITATIONS
19	Effect of zinc addition on the performance of aluminium alloy sacrificial anode for marine application. AIP Conference Proceedings, 2017, , .	0.3	16
20	New approach for quality control in manufacturing process. AIP Conference Proceedings, 2017, , .	0.3	7
21	Finite element study on the integrity of tool holder with integrated internal cooling channel. AIP Conference Proceedings, 2017, , .	0.3	3
22	Grid sensitivity studies for validation of human upper airways. IOP Conference Series: Materials Science and Engineering, 0, 932, 012107.	0.3	0