

# Ahmad Kamal Ariffin

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

304  
citations

1040056

9  
h-index

1058476

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving half-cell potential survey through computational inverse analysis for quantitative corrosion profiling. <i>Case Studies in Construction Materials</i> , 2022, 16, e00854.	1.7	5
2	The needs of power spectral density in fatigue life prediction of heavy vehicle leaf spring. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 2341-2346.	1.5	9
3	Optimisation and validation of full and half foam filled double circular tube under multiple load cases. <i>International Journal of Crashworthiness</i> , 2019, 24, 389-398.	1.9	12
4	Vibration Performance of a Flow Energy Converter behind Two Side-by-Side Cylinders. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 435.	2.6	0
5	Computational Modelling for RC Cylindrical Column Corrosion using Axisymmetric BEM. , 2019, , .		2
6	An investigation on the optimum machinability of NiTi based shape memory alloy. <i>Materials and Manufacturing Processes</i> , 2017, 32, 1497-1504.	4.7	37
7	K-means clustering and neural network for evaluating sound level vibration in vehicle cabin. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 1698-1720.	2.6	11
8	A novel hybrid fuzzy nonlinear weighted goal programming for optimising interior acoustics level in car cabin. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 1721-1744.	2.6	4
9	Vehicle interior noise and vibration level assessment through the data clustering and hybrid classification model. <i>Applied Acoustics</i> , 2015, 87, 9-22.	3.3	17
10	Noise annoyance fuzzy index in passenger car cabin. <i>International Journal of Vehicle Noise and Vibration</i> , 2013, 9, 216.	0.1	5
11	Stress intensity factors under combined bending and torsion moments. <i>Journal of Zhejiang University: Science A</i> , 2012, 13, 1-8.	2.4	15
12	A study on the effects of tyre to vehicle acoustical comfort in passenger car cabin. , 2011, , .		1
13	Fatigue Failure Behaviour Study of Automotive Lower Suspension Arm. <i>Key Engineering Materials</i> , 2011, 462-463, 796-800.	0.4	2
14	Spectral analysis methods for vehicle interior vibro-acoustics identification. <i>Mechanical Systems and Signal Processing</i> , 2009, 23, 489-500.	8.0	27
15	Inverse combustion force estimation based on response measurements outside the combustion chamber and signal processing. <i>Mechanical Systems and Signal Processing</i> , 2009, 23, 2519-2537.	8.0	12
16	Index for vehicle acoustical comfort inside a passenger car. <i>Applied Acoustics</i> , 2008, 69, 343-353.	3.3	99
17	Finite element simulation of stress intensity factors in elastic-plastic crack growth. <i>Journal of Zhejiang University: Science A</i> , 2006, 7, 1336-1342.	2.4	21
18	Mode III Stress Intensity Factors of Surface Crack in Round Bars. <i>Advanced Materials Research</i> , 0, 214, 192-196.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Boundary Element Inverse Analysis by Using Particle Swarm Optimization for Reinforced Concrete Corrosion Identification. <i>Advanced Materials Research</i> , 0, 339, 171-175.	0.3	5
20	Pre and Post Processing for Boundary Element Method (BEM) 3D Reinforced Concrete Corrosion Simulation. <i>Key Engineering Materials</i> , 0, 462-463, 230-235.	0.4	5
21	Experimental and Analytical Durability Assessment of SAE 1045 Steel under Service Loadings. <i>Applied Mechanics and Materials</i> , 0, 165, 83-87.	0.2	0
22	Application of Feed-Forward Neural Networks for Classifying Acoustics Levels in Vehicle Cabin. <i>Applied Mechanics and Materials</i> , 0, 471, 40-44.	0.2	3
23	J-Integral Prediction for Semi-Elliptical Surface Cracks in Round Bars Subjected to Torsion Moment. <i>Applied Mechanics and Materials</i> , 0, 699, 295-299.	0.2	0
24	Strong Shielding Interaction Analysis Using J-Integral. <i>Applied Mechanics and Materials</i> , 0, 695, 511-515.	0.2	0
25	Stress Flow Behaviour of AA2024 Under High-Pressure Torsion Deformation by Parametric Finite Element Analysis of Anvil Configuration. <i>Journal of Failure Analysis and Prevention</i> , 0, , 1.	0.9	0