

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	Index for vehicle acoustical comfort inside a passenger car. Applied Acoustics, 2008, 69, 343-353.	3.3	99
2	An investigation on the optimum machinability of NiTi based shape memory alloy. Materials and Manufacturing Processes, 2017, 32, 1497-1504.	4.7	37
3	Spectral analysis methods for vehicle interior vibro-acoustics identification. Mechanical Systems and Signal Processing, 2009, 23, 489-500.	8.0	27
4	Finite element simulation of stress intensity factors in elastic-plastic crack growth. Journal of Zhejiang University: Science A, 2006, 7, 1336-1342.	2.4	21
5	Vehicle interior noise and vibration level assessment through the data clustering and hybrid classification model. Applied Acoustics, 2015, 87, 9-22.	3.3	17
6	Stress intensity factors under combined bending and torsion moments. Journal of Zhejiang University: Science A, 2012, 13, 1-8.	2.4	15
7	Inverse combustion force estimation based on response measurements outside the combustion chamber and signal processing. Mechanical Systems and Signal Processing, 2009, 23, 2519-2537.	8.0	12
8	Mode III Stress Intensity Factors of Surface Crack in Round Bars. Advanced Materials Research, 0, 214, 192-196.	0.3	12
9	Optimisation and validation of full and half foam filled double circular tube under multiple load cases. International Journal of Crashworthiness, 2019, 24, 389-398.	1.9	12
10	K-means clustering and neural network for evaluating sound level vibration in vehicle cabin. JVC/Journal of Vibration and Control, 2015, 21, 1698-1720.	2.6	11
11	The needs of power spectral density in fatigue life prediction of heavy vehicle leaf spring. Journal of Mechanical Science and Technology, 2020, 34, 2341-2346.	1.5	9
12	Boundary Element Inverse Analysis by Using Particle Swarm Optimization for Reinforced Concrete Corrosion Identification. Advanced Materials Research, 0, 339, 171-175.	0.3	5
13	Pre and Post Processing for Boundary Element Method (BEM) 3D Reinforced Concrete Corrosion Simulation. Key Engineering Materials, 0, 462-463, 230-235.	0.4	5
14	Noise annoyance fuzzy index in passenger car cabin. International Journal of Vehicle Noise and Vibration, 2013, 9, 216.	0.1	5
15	Improving half-cell potential survey through computational inverse analysis for quantitative corrosion profiling. Case Studies in Construction Materials, 2022, 16, e00854.	1.7	5
16	A novel hybrid fuzzy nonlinear weighted goal programming for optimising interior acoustics level in car cabin. JVC/Journal of Vibration and Control, 2015, 21, 1721-1744.	2.6	4
17	Application of Feed-Forward Neural Networks for Classifying Acoustics Levels in Vehicle Cabin. Applied Mechanics and Materials, 0, 471, 40-44.	0.2	3
18	Fatigue Failure Behaviour Study of Automotive Lower Suspension Arm. Key Engineering Materials, 2011, 462-463, 796-800.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Computational Modelling for RC Cylindrical Column Corrosion using Axisymmetric BEM. , 2019, , .		2
20	A study on the effects of tyre to vehicle acoustical comfort in passenger car cabin. , 2011, , .		1
21	Experimental and Analytical Durability Assessment of SAE 1045 Steel under Service Loadings. Applied Mechanics and Materials, 0, 165, 83-87.	0.2	0
22	J-Integral Prediction for Semi-Elliptical Surface Cracks in Round Bars Subjected to Torsion Moment. Applied Mechanics and Materials, 0, 699, 295-299.	0.2	0
23	Strong Shielding Interaction Analysis Using J-Integral. Applied Mechanics and Materials, 0, 695, 511-515.	0.2	0
24	Vibration Performance of a Flow Energy Converter behind Two Side-by-Side Cylinders. Journal of Marine Science and Engineering, 2019, 7, 435.	2.6	0
25	Stress Flow Behaviour of AA2024 Under High-Pressure Torsion Deformation by Parametric Finite Element Analysis of Anvil Configuration. Journal of Failure Analysis and Prevention, 0, , 1.	0.9	0