

Amir Ghiami

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

169
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of fracture evolution in FRP-strengthened reinforced concrete beam under cyclic load by acoustic emission technique: An integrated mechanical-acoustic energy approach. <i>Construction and Building Materials</i> , 2015, 95, 832-841.	7.2	40
2	2D-MoS ₂ goes 3D: transferring optoelectronic properties of 2D MoS ₂ to a large-area thin film. <i>Npj 2D Materials and Applications</i> , 2021, 5, .	7.9	31
3	Characterization of concrete matrix/steel fiber de-bonding in an SFRC beam: Principal component analysis and k -mean algorithm for clustering AE data. <i>Engineering Fracture Mechanics</i> , 2018, 194, 73-85.	4.3	30
4	On the efficiency of artificial neural networks for plastic analysis of planar frames in comparison with genetic algorithms and ant colony systems. <i>Neural Computing and Applications</i> , 2017, 28, 3209-3227.	5.6	26
5	Damage characterization of carbon/epoxy composites using acoustic emission signals wavelet analysis. <i>Composite Interfaces</i> , 2020, 27, 111-124.	2.3	16
6	Effect of high ratio of reinforcement particle size to matrix powder size and volume fraction on microstructure, densification and tribological properties of SiC p reinforced metal matrix composites manufactured via hot pressing method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2015, 52, 183-194.	3.8	14
7	Synthesis of MoS ₂ Thin Film by Ionized Jet Deposition: Role of Substrate and Working Parameters. <i>Surfaces</i> , 2020, 3, 683-693.	2.3	4
8	Unravelling Work Function Contributions and Their Engineering in 2H-MoS ₂ Single Crystal Discovered by Molecular Probe Interaction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6732-6740.	3.1	4
9	Investigation of the wear resistance and microstructure of Al/SiC metal matrix composites as a function of reinforcement volume fraction and reinforcement to matrix particle size ratio applying artificial neural network. <i>International Journal of Materials Research</i> , 2015, 106, 43-51.	0.3	3
10	Prediction of Ferrite-Martensite Dual-Phase Steels Mechanical Properties by Use of Artificial Neural Networks. <i>Materials Science Forum</i> , 0, 773-774, 268-274.	0.3	1