

Amir Ghiami

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

169
citations

1478505

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h-index

1474206

9
g-index

10
all docs

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docs citations

10
times ranked

164
citing authors

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