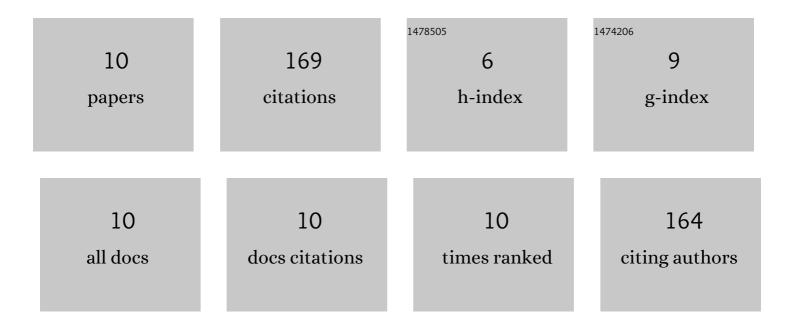
## Amir Ghiami

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3569108/publications.pdf Version: 2024-02-01



AMID CHIAMI

#	Article	IF	CITATIONS
1	2D-MoS2 goes 3D: transferring optoelectronic properties of 2D MoS2 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 MoS2 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 <sub>2</sub> 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