

Emad E Ghandourah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5097128/publications.pdf>

Version: 2024-02-01

18
papers

468
citations

1163117

8
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Different Fly Ash and Vanadium Carbide Contents on the Various Properties of Hypereutectic Al-Si Alloys-Based Hybrid Nanocomposites. <i>Silicon</i> , 2022, 14, 5367-5377.	3.3	16
2	A hybrid PSO and Grey Wolf Optimization algorithm for static and dynamic crack identification. <i>Theoretical and Applied Fracture Mechanics</i> , 2022, 118, 103213.	4.7	58
3	Influence of Friction Stir Process on the Physical, Microstructural, Corrosive, and Electrical Properties of an Al-Mg Alloy Modified with Ti-B Additives. <i>Materials</i> , 2022, 15, 835.	2.9	18
4	Bending and Buckling of FG-GRNC Laminated Plates via Quasi-3D Nonlocal Strain Gradient Theory. <i>Mathematics</i> , 2022, 10, 1321.	2.2	20
5	GIS and Remote Sensing-Based Multi-Criteria Analysis for Delineation of Groundwater Potential Zones: A Case Study for Industrial Zones in Bangladesh. <i>Sustainability</i> , 2022, 14, 6667.	3.2	6
6	The effect of V2O5 on the Ba-Al2O3-P2O5 glass for use in optical filters. <i>Journal of Materials Research and Technology</i> , 2022, 19, 4905-4914.	5.8	8
7	Nonlocal Elasticity Theory for the Mechanical Behavior of Protein Microtubules. <i>Physical Mesomechanics</i> , 2021, 24, 319-325.	1.9	2
8	A new fine-tuned random vector functional link model using Hunger games search optimizer for modeling friction stir welding process of polymeric materials. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1482-1493.	5.8	69
9	An improved Artificial Neural Network using Arithmetic Optimization Algorithm for damage assessment in FGM composite plates. <i>Composite Structures</i> , 2021, 273, 114287.	5.8	178
10	The Effect of Incorporating Ceramic Particles with Different Morphologies on the Microstructure, Mechanical and Tribological Behavior of Hybrid TaC_ BN/AA2024 Nanocomposites. <i>Coatings</i> , 2021, 11, 1560.	2.6	4
11	Effect of graphene nanoparticles on the physical and mechanical properties of the Al2024-graphene nanocomposites fabricated by powder metallurgy. <i>Results in Physics</i> , 2020, 19, 103343.	4.1	45
12	Microstructural, mechanical and thermal properties evaluation of AA6061/Al2O3-BN hybrid and mono nanocomposite surface. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15486-15495.	5.8	22
13	An Analytical Solution for the Problem of Stresses in Magneto-Piezoelectric Thermoelastic Material under the Influence of Rotation. <i>Physical Mesomechanics</i> , 2020, 23, 362-368.	1.9	3
14	Mathematical Approach for Effect of Growth on the Mechanical Stresses during Soft Tissues and Avascular Tumor. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 1353-1360.	0.5	1
15	Mathematical Model for Problem of Stresses in ThermoMagneto-Piezoelectric Material. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 1217-1223.	0.5	0
16	Mathematical Model of Wave Propagation in Thermo-Magneto-Piezoelectric Transversely Isotropic Cylindrical Material. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3812-3820.	0.4	0
17	Mathematical Model of Wave Propagation in Thermo-Magneto-Piezoelectric Elastic Solid Bar Immersed in an Inviscid Fluid. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3764-3771.	0.4	0
18	A COMPARISON OF THE COG AND MCNP CODES IN COMPUTATIONAL NEUTRON CAPTURE THERAPY MODELING, PART I: BORON NEUTRON CAPTURE THERAPY MODELS. <i>Health Physics</i> , 2005, 89, 127-134.	0.5	2