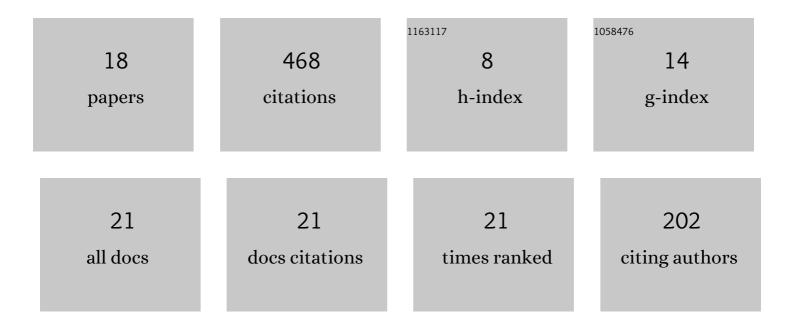
Emad E Ghandourah

List of Publications by Year in descending order

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#	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. Silicon, 2022, 14, 5367-5377.	3.3	16
2	A hybrid PSO and Grey Wolf Optimization algorithm for static and dynamic crack identification. Theoretical and Applied Fracture Mechanics, 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. Materials, 2022, 15, 835.	2.9	18
4	Bending and Buckling of FG-GRNC Laminated Plates via Quasi-3D Nonlocal Strain Gradient Theory. Mathematics, 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. Sustainability, 2022, 14, 6667.	3.2	6
6	The effect of V2O5 on the BaO–Al2O3–P2O5 glass for use in optical filters. Journal of Materials Research and Technology, 2022, 19, 4905-4914.	5.8	8
7	Nonlocal Elasticity Theory for the Mechanical Behavior of Protein Microtubules. Physical Mesomechanics, 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. Journal of Materials Research and Technology, 2021, 14, 1482-1493.	5.8	69
9	An improved Artificial Neural Network using Arithmetic Optimization Algorithm for damage assessment in FGM composite plates. Composite Structures, 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. Coatings, 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. Results in Physics, 2020, 19, 103343.	4.1	45
12	Microstructural, mechanical and thermal properties evaluation of AA6061/Al2O3-BN hybrid and mono nanocomposite surface. Journal of Materials Research and Technology, 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. Physical Mesomechanics, 2020, 23, 362-368.	1.9	3
14	Mathematical Approach for Effect of Growth on the Mechanical Stresses during Soft Tissues and Avascular Tumor. Applied Mathematics and Information Sciences, 2017, 11, 1353-1360.	0.5	1
15	Mathematical Model for Problem of Stresses in ThermoMagneto-Piezoelectric Material. Applied Mathematics and Information Sciences, 2017, 11, 1217-1223.	0.5	0
16	Mathematical Model of Wave Propagation in Thermo-Magneto-Piezoelectric Transversely Isotropic Cylindrical Material. Journal of Computational and Theoretical Nanoscience, 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. Journal of Computational and Theoretical Nanoscience, 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. Health Physics, 2005, 89, 127-134.	0.5	2