

# Yasser Fouad

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

191  
citations

1163117

8  
h-index

1125743

13  
g-index

30  
all docs

30  
docs citations

30  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erosion behaviour of epoxy based unidirectional (CFRP) composite materials. AEJ - Alexandria Engineering Journal, 2011, 50, 29-34.	6.4	34
2	Effects of mechanical surface treatments on fatigue performance of extruded ZK60 alloy. Fatigue and Fracture of Engineering Materials and Structures, 2011, 34, 403-407.	3.4	31
3	Particle swarm optimization performance for fitting of LÃ©vy noise data. Physica A: Statistical Mechanics and Its Applications, 2019, 514, 708-714.	2.6	16
4	Performance Analysis of Reinforced Epoxy Functionalized Carbon Nanotubes Composites for Vertical Axis Wind Turbine Blade. Polymers, 2021, 13, 422.	4.5	16
5	Identification of Preisach hysteresis model parameters using genetic algorithms. Journal of King Saud University - Science, 2019, 31, 746-752.	3.5	15
6	Intelligent Autonomous-Robot Control for Medical Applications. Computers, Materials and Continua, 2021, 68, 2189-2203.	1.9	13
7	Effect of surface treatment on wear behavior of magnesium alloy AZ31. AEJ - Alexandria Engineering Journal, 2011, 50, 19-22.	6.4	11
8	Microstructure and martensitic transformation of cast TiNiSi shape memory alloys. Journal of Alloys and Compounds, 2011, 509, 3913-3916.	5.5	9
9	Fatigue behavior of a rolled AZ31 magnesium alloy after surface treatment by EP and BB conditions. AEJ - Alexandria Engineering Journal, 2011, 50, 23-27.	6.4	7
10	Effect of cast wall thickness, composition and austempering temperature on microstructure and properties of ductile cast iron. International Journal of Cast Metals Research, 2013, 26, 184-191.	1.0	7
11	The effects of graphite and SiC formation on mechanical and wear properties of aluminum-graphite (Al/Gr) composites. , 2012, , .		6
12	Simulation of Glass Fiber Reinforced Polypropylene Nanocomposites for Small Wind Turbine Blades. Processes, 2021, 9, 622.	2.8	6
13	Characterization of a high strength Al-alloy interlayer for mechanical bonding of Ti to AZ31 and associated tri-layered clad. AEJ - Alexandria Engineering Journal, 2014, 53, 289-293.	6.4	5
14	Shot-Peening Effect on High Cycling Fatigue of Al-Cu Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 5488-5492.	2.2	4
15	Wear behaviour of hardfacing ultra carbide steel grades. Surface Engineering, 2020, 36, 1132-1138.	2.2	4
16	Characterization of High Strength Stainless Steel/Al/Brass Composite Tri-layered Clad. Transactions of the Indian Institute of Metals, 2014, 67, 979-988.	1.5	2
17	Fracture characteristics of dissimilar electron-beam welded joints between Cr-Mo steel and austenitic steel AISI 304. AIP Advances, 2019, 9, 045211.	1.3	2
18	Wear Mitigation in Magnesium Alloy AZ80 Processed by Equal Channel Angular Pressing. International Journal of Engineering Research in Africa, 2011, 6, 1-11.	0.7	1

#	ARTICLE	IF	CITATIONS
19	The Synthesis and Processing of Self-Healing Materials: A Lamellar Shape Memory Alloy in Composite Structure. , 2015, , 285-294.		1
20	Interface/interphase kinetics in Al/Mg metal matrix composite. , 2012, , .		0
21	Intrinsic modification and interfacial behavior in a titanium-copper metal matrix composite. , 2012, , .		0
22	The Synthesis and Processing Self-Healing Structural Al/Mg Lamellar Composite Materials. , 0, , 93-100.		0
23	Robust Optimal Proportionalâ€“Integral Controller for an Uncertain Unstable Delay System: Wind Process Application. Intelligent Automation and Soft Computing, 2021, 30, 837-851.	2.1	0
24	Growth Kinetics of Magnesium-Aluminate Spinel in Al/Mg Lamellar Composite Interface. , 2016, , 175-184.		0