

Mohamed A Taha

List of Publications by Year in descending order

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11
papers

304
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Practicalization of cast metal matrix composites (MMCCs). <i>Materials & Design</i> , 2001, 22, 431-441.	5.1	100
2	Effect of rolling and heat treatment on tensile behaviour of wrought Al-SiCp composites prepared by stir-casting. <i>Journal of Materials Processing Technology</i> , 2013, 213, 1669-1681.	6.3	60
3	Machinability characteristics of lead free-silicon brass alloys as correlated with microstructure and mechanical properties. <i>Ain Shams Engineering Journal</i> , 2012, 3, 383-392.	6.1	34
4	Some experimental data on workability of aluminium-particulate-reinforced metal matrix composites. <i>Journal of Materials Processing Technology</i> , 2008, 202, 380-385.	6.3	33
5	PVD Coating of Mg AZ31 by Thin Layer of Al and Al-Si. <i>Journal of Coatings Technology Research</i> , 2010, 7, 793-800.	2.5	31
6	Experimental investigation and simulation of structure and tensile properties of Tempcore treated rebar. <i>Journal of Materials Processing Technology</i> , 2016, 230, 244-253.	6.3	19
7	Nanocrystalline γ -Al ₂ O ₃ thin film deposited by magnetron sputtering (MS) at low temperature. <i>Journal of Coatings Technology Research</i> , 2010, 7, 515-519.	2.5	11
8	On Microstructure and Microhardness of Isothermally Aged UNS S32760 and the Effect on Toughness and Corrosion Behavior. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 275-284.	2.5	11
9	Development of Tailored Structure and Tensile Properties of Thermomechanical Treated Micro Alloyed Low Carbon Dual Phase Steel. <i>Materials Sciences and Applications</i> , 2020, 11, 851-866.	0.4	2
10	Processing Route Optimization and Characterization of Al6063-SiCp Metal-Matrix Composite Sheets. <i>Metals</i> , 2022, 12, 536.	2.3	2
11	Development of Direct Hot-Rolled Ultralow-Carbon Pre-peritectic Ferrite-Bainite Dual-Phase Steel for a Compact Slab Production Plant. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5773-5786.	2.5	1