Hadi torkamani

List of Publications by Year
in descending order

15	232	1307594 7	1125743 13
papers	citations	h-index	g-index

15	15	15	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contributions of Rare Earth Element (La,Ce) Addition to the Impact Toughness of Low Carbon Cast Niobium Microalloyed Steels. Metals and Materials International, 2018, 24, 773-788.	3.4	51
2	Comparing microstructure and mechanical properties of AISI D2 steel after bright hardening and oil quenching. Materials & Design, 2014, 54, 1049-1055.	5.1	39
3	The Influence of La and Ce Addition on Inclusion Modification in Cast Niobium Microalloyed Steels. Metals, 2017, 7, 377.	2.3	35
4	Corrosion resistance improvement in Gas Tungsten Arc Welded 316L stainless steel joints through controlled preheat treatment. Materials & Design, 2012, 34, 51-57.	5.1	25
5	Evolution of Pearlite Microstructure in Low-Carbon Cast Microalloyed Steel Due to the Addition of La and Ce. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 4495-4508.	2.2	20
6	Effect of Ce Addition on the Tribological Behavior of ZK60 Mg-Alloy. Metals and Materials International, 2021, 27, 2732-2742.	3.4	16
7	Tensile behavior of normalized low carbon Nb-microalloyed steel in the presence of rare earth elements. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 749, 56-64.	5.6	14
8	Experimental and Simulation Study on Wear Behavior of ZK60 Alloy with 3 wt.% Yttrium Addition. Journal of Materials Engineering and Performance, 2022, 31, 4721-4734.	2.5	9
9	The Effect of Y Addition on the Microstructure and Work Hardening Behavior of Mg-Zn-Zr Alloys. Journal of Materials Engineering and Performance, 2021, 30, 2574-2585.	2.5	8
10	The effect of Ce addition (up to 3%) and extrusion ratio on the microstructure and tensile properties of ZK60 Mg alloy. Materials Research Express, 2019, 6, 086594.	1.6	7
11	Effect of Rotation Speed and Steel Microstructure on Joint Formation in Friction Stir Spot Welding of Al Alloy to DP Steel. Journal of Manufacturing and Materials Processing, 2022, 6, 24.	2.2	3
12	Evaluation of Microstructure and Toughness of AISI D2 Steel by Bright Hardening in Comparison with Oil Quenching. , 2011, , .		2
13	Low-carbon cast microalloyed steel intercritically heat-treated at different temperatures: microstructure and mechanical properties. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	3.8	2
14	Micro-pitting and wear damage characterization of through hardened 100Cr6 and surface induction hardened C56E2 bearing steels. Wear, 2022, 492-493, 204218.	3.1	1
15	Effect of Rare Earth Elements on the Microstructural and Mechanical Properties of ZK60 Alloy after T5 Treatment. Russian Journal of Non-Ferrous Metals, 2022, 63, 223-236.	0.6	0