

Hamid Khanmohammadi

List of Publications by Year in descending order

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167
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquids as Additives in Water-Based Lubricants: From Surface Adsorption to Tribofilm Formation. Tribology Letters, 2020, 68, 1.	2.6	36
2	Preparation of PEO coating on Ti6Al4V in different electrolytes and evaluation of its properties. Surface Engineering, 2016, 32, 448-456.	2.2	20
3	Investigation of Magnetic Interactions in Core/Shell Structured SrFe ₁₂ O ₁₉ /NiZnFe ₂ O ₄ Nanocomposite. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2757-2762.	1.8	19
4	Triboelectrochemical friction control of W- and Ag-doped DLC coatings in water-glycol with ionic liquids as lubricant additives. RSC Advances, 2022, 12, 3573-3583.	3.6	10
5	Effects of High-Energy Ball Milling on the Microwave Absorption Properties of Sr _{0.9} Nd _{0.1} Fe ₁₂ O ₁₉ . Journal of Superconductivity and Novel Magnetism, 2015, 28, 2715-2720.	1.8	9
6	Microstructural, corrosion and mechanical behavior of two-step plasma electrolyte oxidation ceramic coatings. Transactions of Nonferrous Metals Society of China, 2017, 27, 2225-2233.	4.2	9
7	Ionic liquids as boundary additives in water-based and PAO lubricants. Friction, 2022, 10, 1405-1423.	6.4	9
8	The Influence of Current Density and Frequency on the Microstructure and Corrosion Behavior of Plasma Electrolytic Oxidation Coatings on Ti6Al4V. Journal of Materials Engineering and Performance, 2017, 26, 931-944.	2.5	8
9	EFFECT OF Nd-DOPING ON THE NANOCRYSTALLITE SIZE AND MICROWAVE ABSORPTION PROPERTIES OF Sr-HEXAFERRITE. Functional Materials Letters, 2011, 04, 283-287.	1.2	5
10	Ionic Liquid Additives in Water-Based Lubricants for Bearing Steel – Effect of Electrical Conductivity and pH on Surface Chemistry, Friction and Wear. Frontiers in Mechanical Engineering, 2022, 7, .	1.8	4
11	Effect of Steel Hardness and Composition on the Boundary Lubricating Behavior of Low-Viscosity PAO Formulated with Dodecanoic Acid and Ionic Liquid Additives. Langmuir, 2022, 38, 2777-2792.	3.5	4
12	Optimized Sol-Gel Chemical Route Using Vacuum Suction for Fabrication of Densely Packed NiFe ₂ O ₄ Nanowires. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2743-2748.	1.8	0