

Hamid Khanmohammadi

List of Publications by Year in descending order

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12
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citing authors

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