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List of Publications by Year
in descending order

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26 papers	368 citations	840776 11 h-index	794594 19 g-index
26 all docs	26 docs citations	26 times ranked	404 citing authors

#	Article	IF	Citations
1	Recycling carbon-steel waste from blast cleaning by powder metallurgy employing the augmented simplex lattice design. Research, Society and Development, 2022, 11, e16211527980.	0.1	0
2	Mechanical and tribological properties of spark plasma sintered Nbâ€“Al2O3 composites. Ceramics International, 2021, 47, 6800-6812.	4.8	3
3	AvaliaÃ§Ã£o de mÃ©todos para estimativas de propriedades mecÃ¢nicas de materiais por indentaÃ§Ã£o instrumentada: uma revisÃ£o. Revista Materia, 2021, 26, .	0.2	0
4	Bioactivity of Ti6Al4V alloy with bioglass and corrosion protection by silane coating. Research, Society and Development, 2021, 10, e23310615308.	0.1	0
5	Effect of hafnium addition on structure, wear resistance and high temperature oxidation of MOSx thin films. Surface and Coatings Technology, 2021, 415, 127097.	4.8	5
6	Tribofilm formation during dry sliding of graphite- and MoS2- based composites obtained by spark plasma sintering. Tribology International, 2021, 160, 107035.	5.9	20
7	Tribological evaluation of duplex treatment of plasma nitriding/ oxidation applied to injection mold extraction system. Tecnologia Em Metalurgia, Materiais E Mineracao, 2020, 17, .	0.2	0
8	Microstructure and micro-abrasive wear of sintered yttria-containing 316L stainless steel treated by plasma nitriding. Surface and Coatings Technology, 2019, 374, 700-712.	4.8	19
9	Microstructure and mechanical behavior of 316L liquid phase sintered stainless steel with boron addition. Materials Characterization, 2019, 152, 253-264.	4.4	32
10	Self-assembly of polyhedral oligomeric silsesquioxane structures through ion exchange. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 243, 38-46.	3.5	2
11	Reciprocating sliding wear of the sintered 316L stainless steel with boron additions. Wear, 2019, 422-423, 108-118.	3.1	29
12	Effect of tungsten carbide addition on the tribological behavior of Astaloy 85Mo powder consolidated via spark plasma sintering. Tribology International, 2018, 127, 313-323.	5.9	5
13	Tribological behavior of alumina obtained by low-pressure injection molding using factorial design. Tribology International, 2017, 114, 208-220.	5.9	5
14	High-temperature oxidation of sintered austenitic stainless steel containing boron or yttria. Corrosion Science, 2017, 129, 26-37.	6.6	27
15	The Effect of Counterpart Material on the Sliding Wear of TiAlN Coatings Deposited by Reactive Cathodic Pulverization. Scientia Cum Industria, 2015, 3, 59-66.	0.1	8
16	Physicochemical, structural, mechanical, and tribological characteristics of Si3N4â€“MoS2 thin films deposited by reactive magnetron sputtering. Surface and Coatings Technology, 2014, 254, 327-332.	4.8	6
17	Sliding wear and friction behavior of CrN-coating in ethanol and oilâ€“ethanol mixture. Wear, 2013, 301, 786-794.	3.1	31
18	Nanoscale friction of partially oxidized silicon nitride thin films. Surface and Coatings Technology, 2011, 205, 4528-4531.	4.8	2

#	Article	IF	Citations
19	Finite element and dimensional analysis algorithm for the prediction of mechanical properties of bulk materials and thin films. Surface and Coatings Technology, 2010, 205, 1386-1392.	4.8	16
20	Friction behavior of lubricated zinc phosphate coatings. Wear, 2009, 266, 873-877.	3.1	29
21	Analysis of the tip roundness effects on the micro- and macroindentation response of elasticâ€“plastic materials. Journal of Materials Research, 2009, 24, 1037-1044.	2.6	11
22	Analysis of the effects of conical indentation variables on the indentation response of elasticâ€“plastic materials through factorial design of experiment. Journal of Materials Research, 2009, 24, 1222-1234.	2.6	4
23	Using the ultrasound and instrumented indentation techniques to measure the elastic modulus of engineering materials. Revista De Metalurgia, 2008, 44, .	0.5	5
24	The influence of applied load, sliding velocity and martensitic transformation on the unlubricated sliding wear of austenitic stainless steels. Wear, 2007, 263, 773-781.	3.1	89
25	Using the ratio: maximum load over unload stiffness squared, Pm/SuÂ², on the evaluation of machine stiffness and area function of blunt indenters on depth-sensing indentation equipment. Materials Research, 2007, 10, 437-447.	1.3	19
26	Dynamic signal analyses in dry sliding wear tests. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2003, 25, .	1.6	1