

Adrián L García-a-García-a

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

165
citations

1478505

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1199594

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docs citations

13
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption kinetics and Box-Behnken design optimization for organic dyes on tungsten oxide. <i>Environmental Technology</i> (United Kingdom), 2022, 43, 2620-2636.	2.2	1
2	A Review on Hydroponics and the Technologies Associated for Medium- and Small-Scale Operations. <i>Agriculture</i> (Switzerland), 2022, 12, 646.	3.1	66
3	Effect of atmospheric plasma treatment on the wettability of UHMWPE. <i>Materials Letters</i> , 2021, 285, 129159.	2.6	13
4	Modeling and Application of Controllers for a Photovoltaic Inverter for Operation in a Microgrid. <i>Sustainability</i> , 2021, 13, 5115.	3.2	5
5	Mapping the friction coefficient of AISI 316L on UHMWPE lubricated with bovine serum to study the effect of loading and entrainment at high values of sliding-to-rolling ratio. <i>Health and Technology</i> , 2020, 10, 385-390.	3.6	5
6	Adsorption mechanism of acid orange 7 on photocatalytic materials based on TiO ₂ . <i>MRS Advances</i> , 2019, 4, 3399-3405.	0.9	0
7	Regression models to predict the behavior of the coefficient of friction of AISI 316L on UHMWPE under ISO 14243-3 conditions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 82, 248-256.	3.1	14
8	The coefficient of friction of UHMWPE along an entire walking cycle using a ball-on-disc tribometer under arthrokinematics and loading conditions prescribed by ISO 14243-3:2014. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 65, 274-280.	3.1	13
9	Estudio de la evolución del perfil de esfuerzos residuales en recubrimientos barrera térmica depositados sobre acero inoxidable AISI 304. <i>DYNA</i> (Colombia), 2016, 83, 159.	0.4	3
10	Comparative quantification and statistical analysis of Fe_2O_3 and Fe precipitates in aluminum alloy AA7075-T651 by TEM and AFM. <i>Materials Characterization</i> , 2014, 87, 116-124.	4.4	14
11	Effects of surface texturing on the performance of biocompatible UHMWPE as a bearing material during in vitro lubricated sliding/rolling motion. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 45-53.	3.1	26
12	Atomic force microscopy applied to the quantification of nano-precipitates in thermo-mechanically treated microalloyed steels. <i>Materials Characterization</i> , 2012, 69, 9-15.	4.4	4
13	Surface texture changes followed-up in real time during the initial wear transient of dry sliding of steel against several metals using laser light scattering. <i>Wear</i> , 2011, 271, 994-998.	3.1	1