

Javier A Ortega

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Performance of SiO ₂ and TiO ₂ Nanoparticles as Lubricant Additives in Sunflower Oil. <i>Lubricants</i> , 2020, 8, 10.	2.9	49
2	Tribological and corrosion testing of surface engineered surgical grade CoCrMo alloy. <i>Wear</i> , 2011, 271, 2125-2131.	3.1	35
3	A study of the wear performance in a hip simulator of a metal-metal Co-Cr alloy with different boron additions. <i>Wear</i> , 2013, 301, 175-181.	3.1	29
4	Failure analysis of a total hip prosthesis implanted in active patient. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010, 3, 619-622.	3.1	28
5	Evaluating the Rheological and Tribological Behaviors of Coconut Oil Modified with Nanoparticles as Lubricant Additives. <i>Lubricants</i> , 2019, 7, 76.	2.9	27
6	Biotribological study of multilayer coated metal-on-metal hip prostheses in a hip joint simulator. <i>Wear</i> , 2013, 301, 234-242.	3.1	26
7	Study of boriding surface treatment in the tribological behavior of an AISI 316L stainless steel. <i>Wear</i> , 2021, 477, 203825.	3.1	21
8	Development of a hip wear simulation rig including micro-separation. <i>Wear</i> , 2007, 263, 1527-1532.	3.1	17
9	Tribological and microstructural characterization of laser microtextured CoCr alloy tested against UHMWPE for biomedical applications. <i>Wear</i> , 2021, 477, 203819.	3.1	10
10	Multidirectional Pin-on-Disk Testing Device to Evaluate the Cross-shear Effect on the Wear of Biocompatible Materials. <i>Instruments</i> , 2019, 3, 35.	1.8	4
11	Lubrication Performance of Sunflower Oil Reinforced with Halloysite Clay Nanotubes (HNT) as Lubricant Additives. <i>Lubricants</i> , 2022, 10, 139.	2.9	4
12	Design and Validation of A Modular Instrument to Measure Torque and Energy Consumption in Industrial Operations. <i>Instruments</i> , 2019, 3, 41.	1.8	2
13	Design and Validation of a Portable Handheld Device to Produce Fine Fibers Using Centrifugal Forces. <i>Instruments</i> , 2020, 4, 27.	1.8	1