# Javier A Ortega

List of Publications by Year
in descending order



| 13 | 253 | 1040056 9 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 256 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Lubrication Performance of Sunflower Oil Reinforced with Halloysite Clay Nanotubes (HNT) as Lubricant Additives. Lubricants, 2022, 10, 139. | 2.9 | 4 |
| 2 | Study of boriding surface treatment in the tribological behavior of an AISI 316L stainless steel. Wear, 2021, 477, 203825. | 3.1 | 21 |
| 3 | Tribological and microstructural characterization of laser microtextured CoCr alloy tested against UHMWPE for biomedical applications. Wear, 2021, 477, 203819. | 3.1 | 10 |
| 4 | Design and Validation of a Portable Handheld Device to Produce Fine Fibers Using Centrifugal Forces. Instruments, 2020, 4, 27. | 1.8 | 1 |
| 5 | The Performance of SiO2 and TiO2 Nanoparticles as Lubricant Additives in Sunflower Oil. Lubricants, 2020, 8, 10. | 2.9 | 49 |
| 6 | Multidirectional Pin-on-Disk Testing Device to Evaluate the Cross-shear Effect on the Wear of Biocompatible Materials. Instruments, 2019, 3, 35. | 1.8 | 4 |
| 7 | Design and Validation of A Modular Instrument to Measure Torque and Energy Consumption in Industrial Operations. Instruments, 2019, 3, 41. | 1.8 | 2 |
| 8 | Evaluating the Rheological and Tribological Behaviors of Coconut Oil Modified with Nanoparticles as Lubricant Additives. Lubricants, 2019, 7, 76. | 2.9 | 27 |
| 9 | Biotribological study of multilayer coated metal-on-metal hip prostheses in a hip joint simulator. Wear, 2013, 301, 234-242. | 3.1 | 26 |
| 10 | A study of the wear performance in a hip simulator of a metalâ€“metal Coâ€“Cr alloy with different boron additions. Wear, 2013, 301, 175-181. | 3.1 | 29 |
| 11 | Tribological and corrosion testing of surface engineered surgical grade CoCrMo alloy. Wear, 2011, 271, 2125-2131. | 3.1 | 35 |
| 12 | Failure analysis of a total hip prosthesis implanted in active patient. Journal of the Mechanical Behavior of Biomedical Materials, 2010, 3, 619-622. | 3.1 | 28 |
| 13 | Development of a hip wear simulation rig including micro-separation. Wear, 2007, 263, 1527-1532. | 3.1 | 17 |