

Edith Ariza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Corrosion and Tribocorrosion Behavior of Ti-B4C Composites Joined with TiCuNi Brazing Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 4972-4982.	2.5	10
2	A comparative investigation of the corrosion and tribocorrosion behaviour of nitrocarburized, gas nitrided, fluidized-bed nitrided, and plasma nitrided plastic mould steel. <i>Surface and Coatings Technology</i> , 2018, 334, 116-123.	4.8	41
3	Effect of commercial mouthwashes on the corrosion and tribocorrosion behaviour of a Co-Cr dental casting alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016, 67, 305-311.	1.5	6
4	The effect of thermal cycling on the shear bond strength of porcelain/Ti-6Al-4V interfaces. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 44, 156-163.	3.1	3
5	Mechanical and chemical analyses across dental porcelain fused to CP titanium or Ti6Al4V. <i>Materials Science and Engineering C</i> , 2014, 37, 76-83.	7.3	16
6	Influence of the processing route of porcelain/Ti-6Al-4V interfaces on shear bond strength. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 327-337.	3.1	19
7	Corrosion and tribocorrosion behaviour of Al-Si-Cu-Mg alloy and its composites reinforced with B4C particles in 0.05M NaCl solution. <i>Wear</i> , 2013, 306, 27-35.	3.1	80
8	Electron backscatter diffraction analysis of ZnO:Al thin films. <i>Applied Surface Science</i> , 2012, 259, 590-595.	6.1	4
9	Simultaneous degradation by corrosion and wear of titanium in artificial saliva containing fluorides. <i>Wear</i> , 2012, 292-293, 82-88.	3.1	103
10	Corrosion behaviour of Al/Al3Ti and Al/Al3Zr functionally graded materials produced by centrifugal solid-particle method: Influence of the intermetallics volume fraction. <i>Corrosion Science</i> , 2011, 53, 2058-2065.	6.6	48
11	Microstructural characterization and tribocorrosion behaviour of Al/Al3Ti and Al/Al3Zr FGMs. <i>Wear</i> , 2011, 270, 806-814.	3.1	23
12	Tribocorrosion behaviour of TiC O thin films in bio-fluids. <i>Electrochimica Acta</i> , 2010, 56, 929-937.	5.2	55
13	Micro-abrasion resistance of thermochemically treated steels in aqueous solutions: Mechanisms, maps, materials selection. <i>Tribology International</i> , 2008, 41, 141-149.	5.9	16
14	TiCxOy thin films for decorative applications: Tribocorrosion mechanisms and synergism. <i>Tribology International</i> , 2008, 41, 603-615.	5.9	85
15	Tribocorrosion behaviour of plasma nitrided and plasma nitrided+oxidised Ti6Al4V alloy. <i>Surface and Coatings Technology</i> , 2006, 200, 6218-6224.	4.8	68
16	Tribocorrosion behaviour of ZrOxNy thin films for decorative applications. <i>Surface and Coatings Technology</i> , 2006, 200, 6634-6639.	4.8	32
17	Corrosion resistance of ZrNxOy thin films obtained by rf reactive magnetron sputtering. <i>Thin Solid Films</i> , 2004, 469-470, 274-281.	1.8	52
18	Structural and corrosion behaviour of stoichiometric and substoichiometric TiN thin films. <i>Surface and Coatings Technology</i> , 2004, 180-181, 158-163.	4.8	38

#	ARTICLE	IF	CITATIONS
19	Influence of Substrate Temperature and Post-Annealing Treatment on the Microstructure and Electric Properties of ZnO:Al Thin Films Deposited by Sputtering. Materials Science Forum, 0, 730-732, 215-220.	0.3	0