

Shawei Tang

List of Publications by Year in descending order

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14
papers

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1163117

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14
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and corrosion behaviors of calcium phosphate coatings on plasma electrolytic oxidized Mg under changing chemical environment. <i>Surface and Coatings Technology</i> , 2021, 412, 127030.	4.8	7
2	Evolution and performance of a MgO/HA/DCPD gradient coating on pure magnesium. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160793.	5.5	11
3	A Study on the Corrosion Resistance of Hydrophobic Coatings on 65Mn Steel. <i>Coatings</i> , 2021, 11, 1399.	2.6	4
4	Formation mechanism of calcium phosphate coating on a plasma electrolytic oxidized magnesium and its corrosion behavior in simulated body fluids. <i>Journal of Alloys and Compounds</i> , 2020, 818, 152834.	5.5	18
5	Hydrophobic surface contained Ca and/or Ce myristate fabricated on AZ31 by one-step electrodeposition for corrosion protection in NaCl. <i>Applied Surface Science</i> , 2019, 496, 143627.	6.1	22
6	Effect of Surface Pre-Treatments on the Formation and Degradation Behaviour of a Calcium Phosphate Coating on Pure Magnesium. <i>Coatings</i> , 2019, 9, 259.	2.6	8
7	Formation and in vitro mineralization of electrochemically deposited coatings prepared on micro-arc oxidized titanium alloy. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 485-501.	2.9	11
8	The one-step electroposition of superhydrophobic surface on AZ31 magnesium alloy and its time-dependence corrosion resistance in NaCl solution. <i>Applied Surface Science</i> , 2018, 427, 1193-1201.	6.1	45
9	A study of degradation resistance and cytocompatibility of super-hydrophobic coating on magnesium. <i>Materials Science and Engineering C</i> , 2017, 78, 405-412.	7.3	62
10	Effect of residual stress relaxation by means of local rapid induction heating on stress corrosion cracking behavior and electrochemical characterization of welded Ti-6Al-4V alloy under slow strain rate test. <i>Metals and Materials International</i> , 2017, 23, 488-498.	3.4	8
11	Formation Mechanism and Corrosion Properties of Bioactive Coating on a Micro-Arc Oxidized Ti6Al4V Using Cathodic Electrodeposition. <i>Journal of the Electrochemical Society</i> , 2017, 164, D714-D722.	2.9	5
12	Formation mechanism and corrosion resistance of the hydrophobic coating on anodized magnesium. <i>Corrosion Science</i> , 2016, 111, 334-343.	6.6	68
13	Influence of surface pre-treatment on the deposition and corrosion properties of hydrophobic coatings on a magnesium alloy. <i>Corrosion Science</i> , 2016, 112, 483-494.	6.6	52
14	Microstructure and EIS Characterization of Multi-Layered Coatings on Metals. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0