

Zhao-Qi Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/399278/publications.pdf>

Version: 2024-02-01

10
papers

502
citations

1040056

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1372567

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all docs

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10
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in coatings on magnesium alloys for cardiovascular stents – A review. <i>Bioactive Materials</i> , 2021, 6, 4729-4757.	15.6	93
2	Biodegradation behavior of micro-arc oxidation coating on magnesium alloy-from a protein perspective. <i>Bioactive Materials</i> , 2020, 5, 398-409.	15.6	92
3	Corrosion resistance of self-cleaning silane/polypropylene composite coatings on magnesium alloy AZ31. <i>Journal of Materials Science and Technology</i> , 2020, 41, 43-55.	10.7	80
4	Corrosion resistance and superhydrophobicity of one-step polypropylene coating on anodized AZ31 Mg alloy. <i>Journal of Magnesium and Alloys</i> , 2020, 9, 1443-1443.	11.9	59
5	In vitro degradation of pure magnesium—the synergetic influences of glucose and albumin. <i>Bioactive Materials</i> , 2020, 5, 318-333.	15.6	50
6	Corrosion resistance of one-step superhydrophobic polypropylene coating on magnesium hydroxide-pretreated magnesium alloy AZ31. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153515.	5.5	44
7	Corrosion Resistance and Durability of Superhydrophobic Coating on AZ31 Mg Alloy via One-Step Electrodeposition. <i>Acta Metallurgica Sinica (English Letters)</i> , 2021, 34, 25-38.	2.9	36
8	Advances in bioorganic molecules inspired degradation and surface modifications on Mg and its alloys. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 670-688.	11.9	33
9	Protein conformation and electric attraction adsorption mechanisms on anodized magnesium alloy by molecular dynamics simulations. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 3143-3155.	11.9	12
10	Degradation and biocompatibility of one-step electrodeposited magnesium thioctic acid/magnesium hydroxide hybrid coatings on ZE21B alloys for cardiovascular stents. <i>Journal of Magnesium and Alloys</i> , 2024, 12, 120-138.	11.9	3