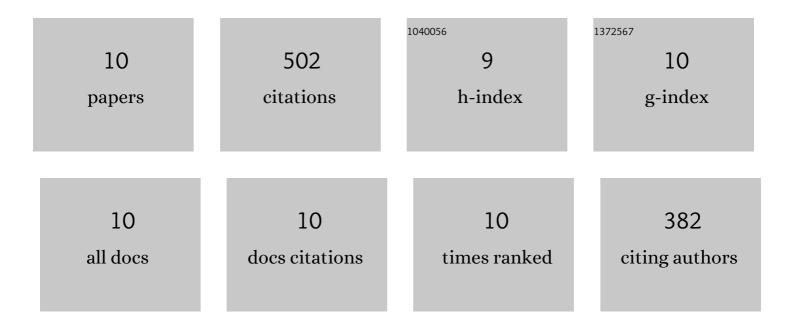
Zhao-Qi Zhang

List of Publications by Year in descending order

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