

Yuming Tang

List of Publications by Year in descending order

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22
papers

547
citations

1040056

9
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the Nickelâ€“Graphene Nanocomposite Coatings for Superior Corrosion Resistance: Manipulating the Effect of Deposition Current Density on its Morphology, Mechanical Properties, and Erosionâ€“Corrosion Performance. <i>Advanced Engineering Materials</i> , 2018, 20, 1701166.	3.5	182
2	The improved performance of a Mg-rich epoxy coating on AZ91D magnesium alloy by silane pretreatment. <i>Corrosion Science</i> , 2012, 60, 165-172.	6.6	93
3	The study of a Mg-rich epoxy primer for protection of AZ91D magnesium alloy. <i>Corrosion Science</i> , 2011, 53, 153-160.	6.6	61
4	Electroless codeposition of GO incorporated silane nanocomposite coating onto AZ91 Mg alloy: Effect of GO content on its morphology, mechanical and corrosion protection properties. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160790.	5.5	38
5	Fabrication of Fe-TiO ₂ -NTs/SnO ₂ -Sb-Ce electrode for electrochemical degradation of aniline. <i>Separation and Purification Technology</i> , 2021, 268, 118591.	7.9	35
6	The preparation and characteristics of a rare earth/nano-TiO ₂ composite coating on aluminum alloy by brush plating. <i>Surface and Coatings Technology</i> , 2012, 206, 3264-3269.	4.8	24
7	Degradation of zinc-rich epoxy coating in 3.5% NaCl solution and evolution of its EIS parameters. <i>Journal of Coatings Technology Research</i> , 2021, 18, 843-860.	2.5	18
8	Comparative study on the degradation of a zinc-rich epoxy primer/acrylic polyurethane coating in different simulated atmospheric solutions. <i>Journal of Coatings Technology Research</i> , 2021, 18, 397-413.	2.5	12
9	The adsorbing effect of calcined layered double hydroxide for chloride ions in simulated concrete pore solutions. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 278-283.	1.0	11
10	Failure process of acrylic polyurethane coating under alternate wetting and drying condition. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	10
11	Correlation between natural exposure and artificial ageing test for typical marine coating systems. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	10
12	Correlation between microhardness and microstructure of anodic film on 2024 aluminum alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 586-590.	1.0	8
13	The influence of Ce(NO ₃) ₃ ·6H ₂ O on the inhibitive effect of Ca(NO ₂) ₂ in simulated concrete pore solution. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 994-998.	1.0	7
14	Degradation of carbon/vinyl ester composites under cathodic polarization in seawater. <i>Journal of Composite Materials</i> , 2012, 46, 3115-3120.	2.4	6
15	Influence of organic and inorganic cerium salts on the protective performance of epoxy coating. <i>Progress in Organic Coatings</i> , 2022, 166, 106763.	3.9	6
16	Electrochemical impedance spectroscopy characteristic of degradation process for carbon fiber/vinyl ester composites in salt water. <i>Journal of Composite Materials</i> , 2022, 56, 1299-1312.	2.4	5
17	Effect of Cerium Tartrate on the Corrosion Resistance of Epoxy Coating on Aluminum Alloy and Its Mechanism. <i>Coatings</i> , 2022, 12, 785.	2.6	5
18	The failure behavior of a polyurethane composite coating in 3.5% NaCl solution under ultraviolet irradiation. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1892-1898.	2.6	4

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19	Phosphatizing of Mg particles to improve the protective performance of Mg-rich primer on A2024 Al alloy. Applied Surface Science, 2014, 292, 93-99.	6.1	4
20	Corrosion Behaviour of 316L Stainless Steel in Hot Dilute Sulphuric Acid Solution with Sulphate and NaCl. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 148-156.	1.1	4
21	Influence of the C-S-H amount on [Cl-]/[OH-] ratio of simulated concrete SPS and the corrosion susceptibility of steel. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 430-436.	1.0	3
22	Improvement of bonding strength of AZ31B magnesium alloy by anodizing and chromium-free conversion treatments. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 808-812.	1.0	1