

Gang Kong

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

418
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of silicate anion distribution in sodium silicate solution on silicate conversion coatings of hot-dip galvanized steels. <i>Surface and Coatings Technology</i> , 2011, 205, 4466-4470.	4.8	56
2	Post treatment of silane and cerium salt as chromate replacers on galvanized steel. <i>Journal of Rare Earths</i> , 2009, 27, 164-168.	4.8	46
3	Influence of Nd addition on the corrosion behavior of Zn-5%Al alloy in 3.5wt.% NaCl solution. <i>Applied Surface Science</i> , 2017, 426, 67-76.	6.1	46
4	Growth behavior of lanthanum conversion coating on hot-dip galvanized steel. <i>Surface and Coatings Technology</i> , 2014, 259, 654-659.	4.8	45
5	Self healing ability of silicate conversion coatings on hot dip galvanized steels. <i>Surface and Coatings Technology</i> , 2011, 205, 4507-4513.	4.8	40
6	Inhibitive effect of sodium molybdate on the corrosion behavior of galvanized steel in simulated concrete pore solution. <i>Construction and Building Materials</i> , 2018, 162, 383-392.	7.2	40
7	Corrosion behavior of Zn-Al alloys in saturated Ca(OH) ₂ solution. <i>Corrosion Science</i> , 2016, 112, 679-686.	6.6	27
8	Corrosion behavior of Zn-Mg alloys in saturated Ca(OH) ₂ solution. <i>Corrosion Science</i> , 2018, 136, 374-385.	6.6	17
9	Halogen-Bond-Controlled Self-Assembly of Regioisomeric Phenanthridine Derivatives into Nanowires and Nanosheets. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5665-5671.	3.1	15
10	Corrosion inhibition of galvanized steel by M_2O_4 as a soluble inhibitor in simulated fresh concrete environment. <i>Construction and Building Materials</i> , 2018, 162, 383-392.	7.2	13
11	Interfacial reaction between solid nickel and liquid zinc. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 712-716.	1.0	12
12	Electrochemical analysis of molybdate conversion coating on hot-dip galvanized steel in various growth stages. <i>Surface and Interface Analysis</i> , 2017, 49, 698-704.	1.8	11
13	Corrosion Resistance of ZnO Nanorod Superhydrophobic Coatings with Rose Petal Effect or Lotus Leaf Effect. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3919-3928.	0.9	9
14	Corrosion protection of zinc by a silane conversion coating modified with graphene oxide. <i>Surface and Interface Analysis</i> , 2021, 53, 580-591.	1.8	9
15	Effect of formulation of silica-based solution on corrosion resistance of silicate coating on hot-dip galvanized steel. <i>Surface and Interface Analysis</i> , 2016, 48, 132-138.	1.8	7
16	Growth behaviour of cerium-based conversion coating on Zn-5%Al alloy. <i>Surface and Interface Analysis</i> , 2019, 51, 465-474.	1.8	6
17	Effect of NO ₃ ⁻ Ion on the Corrosion Behavior of Galvanized Coating in Alkaline Solution. <i>Corrosion</i> , 2018, 74, 1421-1430.	1.1	5
18	Corrosion Behavior of Zn-Al, Zn-Mg, and Zn-Mg-Al Coatings in Simulated Concrete Pore Solution. <i>Corrosion</i> , 2019, 75, 203-209.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Self-Assembly Polymorphism of Regioisomeric Diketopyrrolopyrrole-Based π -Conjugated Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1185-1193.	3.1	5
20	Influence of Ni-electrodeposited pretreatment on galvanized coatings of reactive steels. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007, 22, 221-224.	1.0	4
21	Growth behaviour of cerium-based conversion coating on HF pre-treated Zn-5%Al alloy. <i>Surface Engineering</i> , 2021, 37, 455-463.	2.2	0