Gang Kong

List of Publications by Year
in descending order

21	418	840776 11	752698 20
papers	citations	h-index	g-index

21	21	21	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growth behaviour of cerium-based conversion coating on HF pre-treated Znâ€“5%Al alloy. Surface Engineering, 2021, 37, 455-463.	2.2	0
2	Corrosion protection of zinc by a silane conversion coating modified with graphene oxide. Surface and Interface Analysis, 2021, 53, 580-591.	1.8	9
3	Halogen-Bond-Controlled Self-Assembly of Regioisomeric Phenanthridine Derivatives into Nanowires and Nanosheets. Journal of Physical Chemistry C, 2020, 124, 5665-5671.	3.1	15
4	Corrosion inhibition of galvanized steel by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:mrow><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:mi mathvariant="normal">n</mml:mi><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow><mml:mo>-</mml:mo></mml:msub ion as a soluble inhibitor in simulated fresh concrete environment. Construction and Building Materi	7.2	13
5	Corrosion Behavior of Zn-Al, Zn-Mg, and Zn-Mg-Al Coatings in Simulated Concrete Pore Solution. Corrosion, 2019, 75, 203-209.	1.1	5
6	Corrosion Resistance of ZnO Nanorod Superhydrophobic Coatings with Rose Petal Effect or Lotus Leaf Effect. Journal of Nanoscience and Nanotechnology, 2019, 19, 3919-3928.	0.9	9
7	Growth behaviour of ceriumâ€based conversion coating on Znâ€5%Al alloy. Surface and Interface Analysis, 2019, 51, 465-474.	1.8	6
8	Self-Assembly Polymorphism of Regioisomeric Diketopyrrolopyrrole-Based Ï€-Conjugated Organic Semiconductors. Journal of Physical Chemistry C, 2019, 123, 1185-1193.	3.1	5
9	Inhibitive effect of sodium molybdate on the corrosion behavior of galvanized steel in simulated concrete pore solution. Construction and Building Materials, 2018, 162, 383-392.	7.2	40
10	Corrosion behavior of Zn-Mg alloys in saturated Ca(OH)2 solution. Corrosion Science, 2018, 136, 374-385.	6.6	17
11	Effect of NO3â¯ Ion on the Corrosion Behavior of Galvanized Coating in Alkaline Solution. Corrosion, 2018, 74, 1421-1430.	1.1	5
12	Electrochemical analysis of molybdate conversion coating on hotâ€dip galvanized steel in various growth stages. Surface and Interface Analysis, 2017, 49, 698-704.	1.8	11
13	Influence of Nd addition on the corrosion behavior of Zn-5%Al alloy in 3.5wt.% NaCl solution. Applied Surface Science, 2017, 426, 67-76.	6.1	46
14	Corrosion behavior of Zn-Al alloys in saturated Ca(OH) 2 solution. Corrosion Science, 2016, 112, 679-686.	6.6	27
15	Effect of formulation of silicaâ€based solution on corrosion resistance of silicate coating on hotâ€dip galvanized steel. Surface and Interface Analysis, 2016, 48, 132-138.	1.8	7
16	Growth behavior of lanthanum conversion coating on hot-dip galvanized steel. Surface and Coatings Technology, 2014, 259, 654-659.	4.8	45
17	Effect of silicate anion distribution in sodium silicate solution on silicate conversion coatings of hot-dip galvanized steels. Surface and Coatings Technology, 2011, 205, 4466-4470.	4.8	56
18	Self healing ability of silicate conversion coatings on hot dip galvanized steels. Surface and Coatings Technology, 2011, 205, 4507-4513.	4.8	40

#	Article	IF	Citations
19	Post treatment of silane and cerium salt as chromate replacers on galvanized steel. Journal of Rare Earths, 2009, 27, 164-168.	4.8	46
20	Interfacial reaction between solid nickel and liquid zinc. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 712-716.	1.0	12
21	Influence of Ni-electrodeposited pretreatment on galvanized coatings of reactive steels. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 221-224.	1.0	4