

Yongming Tang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,531
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and theoretical study on corrosion inhibition of 2-(4-pyridyl)-benzimidazole for mild steel in hydrochloric acid. <i>Corrosion Science</i> , 2012, 61, 1-9.	6.6	312
2	Novel benzimidazole derivatives as corrosion inhibitors of mild steel in the acidic media. Part I: Gravimetric, electrochemical, SEM and XPS studies. <i>Corrosion Science</i> , 2013, 74, 271-282.	6.6	309
3	Novel benzimidazole derivatives as corrosion inhibitors of mild steel in the acidic media. Part II: Theoretical studies. <i>Corrosion Science</i> , 2014, 83, 292-298.	6.6	288
4	The inhibition performance of long-chain alkyl-substituted benzimidazole derivatives for corrosion of mild steel in HCl. <i>Corrosion Science</i> , 2016, 102, 517-522.	6.6	164
5	A preliminary investigation of corrosion inhibition of mild steel in 0.5M H ₂ SO ₄ by 2-amino-5-(n-pyridyl)-1,3,4-thiadiazole: Polarization, EIS and molecular dynamics simulations. <i>Corrosion Science</i> , 2010, 52, 1801-1808.	6.6	155
6	1,2,3-Triazole derivatives as corrosion inhibitors for mild steel in acidic medium: Experimental and computational chemistry studies. <i>Corrosion Science</i> , 2017, 129, 91-101.	6.6	115
7	Molecular dynamics simulations of dodecylamine adsorption on iron surfaces in aqueous solution. <i>Corrosion Science</i> , 2011, 53, 2046-2049.	6.6	46
8	Corrosion inhibition of perimidine derivatives for mild steel in acidic media: Electrochemical and computational studies. <i>Journal of Molecular Liquids</i> , 2018, 269, 260-268.	4.9	32
9	Fabrication of Ti/SnO ₂ -Sb/Ce-PbO ₂ Anode from Methanesulfonate Bath and Its Electro-catalytic Activity. <i>Journal of the Electrochemical Society</i> , 2019, 166, D638-D644.	2.9	17
10	Role of heteroatoms in the adsorption of thiazole on Cu (1 1 1) surface: First principles study. <i>Corrosion Science</i> , 2019, 148, 171-177.	6.6	15
11	Selectfluorâ„¢-catalyzed oxidative cyclization of ynamides enables facile synthesis of oxazolidine-2,4-diones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3644-3648.	4.5	13
12	Intercalation of n-C ₁₂ H ₂₅ NH ₂ into layered titanate with the aid of microwave radiation. <i>Materials Letters</i> , 2009, 63, 1992-1994.	2.6	11
13	A preliminary study on electrodeposition and decolorization activity of PbO_2 -coated titanium electrodes from tetrafluoroborate solutions. <i>Materials Chemistry and Physics</i> , 2012, 135, 1108-1114.	4.0	11
14	Titanate matrices as potential corrosion inhibitor nanocontainers. <i>Corrosion Science</i> , 2014, 88, 487-490.	6.6	11
15	Electrodeposition and Performance of Ti/SnO ₂ -Sb/PbO ₂ Electrodes from Methanesulfonate Baths. <i>Journal of the Electrochemical Society</i> , 2019, 166, D452-D459.	2.9	11
16	Self-assembled monolayers of N-heterocyclic carbene on gold: Stability under ultrasonic circumstance and computational study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 488-493.	4.7	10
17	Adsorption and dissociation of 2-mercaptobenzothiazole on Cu (1 1 1): A DFT study. <i>Surface Science</i> , 2022, 720, 122054.	1.9	5
18	Impact of Catalyst on the Stability of Initiators on Au Substrate in Atom Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2060-2064.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Hydrogen titanates acting as inhibitor reservoirs and application in epoxy coatings. Progress in Organic Coatings, 2019, 127, 394-400.	3.9	2
20	Eelectrochemical Evaluation of Self-assembled Monolayers of N-Heterocyclic Carbenes on Gold and DFT Studies. Journal of the Electrochemical Society, 2021, 168, 016513.	2.9	0
21	Corrosion evolution of UNS C90300 bronze in simulated acid rain of Hong Kong. Surface and Interface Analysis, 0, , .	1.8	0