

Xiaoshuang Yin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7507471/publications.pdf>

Version: 2024-02-01

19
papers

923
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen-substituted imidazoline derivatives as corrosion inhibitors for mild steel in hydrochloric acid solution. <i>Corrosion Science</i> , 2015, 90, 284-295.	6.6	272
2	Amino acids modified konjac glucomannan as green corrosion inhibitors for mild steel in HCl solution. <i>Carbohydrate Polymers</i> , 2018, 181, 191-199.	10.2	149
3	Inhibitory effect of konjac glucomannan on pitting corrosion of AA5052 aluminium alloy in NaCl solution. <i>Journal of Colloid and Interface Science</i> , 2018, 517, 52-60.	9.4	94
4	Corrosion inhibition properties of two imidazolium ionic liquids with hydrophilic tetrafluoroborate and hydrophobic hexafluorophosphate anions in acid medium. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 56, 234-247.	5.8	69
5	Smart coatings embedded with polydopamine-decorated layer-by-layer assembled SnO ₂ nanocontainers for the corrosion protection of 304 stainless steels. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 741-753.	9.4	67
6	Theoretical prediction and experimental study of 1-Butyl-2-(4-methylphenyl)benzimidazole as a novel corrosion inhibitor for mild steel in hydrochloric acid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 51, 193-200.	5.3	40
7	Effect of scale inhibitors on the structure and morphology of CaCO ₃ crystal electrochemically deposited on TA1 alloy. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 558-566.	9.4	36
8	Enhanced inhibitive performance of fluoro-substituted imidazolium-based ionic liquid for mild steel corrosion in hydrochloric acid at elevated temperature. <i>Journal of Materials Science</i> , 2018, 53, 14666-14680.	3.7	27
9	Experimental and Theoretical Studies of Carboxylic Polymers with Low Molecular Weight as Inhibitors for Calcium Carbonate Scale. <i>Crystals</i> , 2020, 10, 406.	2.2	26
10	Corrosion inhibition of mild steel by bromide-substituted imidazoline in hydrochloric acid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 57, 167-174.	5.3	23
11	Heterogeneous Fenton-like degradation of methyl blue using MCM-41-Fe/Al supported Mn oxides. <i>RSC Advances</i> , 2016, 6, 26155-26162.	3.6	20
12	Cobalt Catalyst Grafted CdSeTe Quantum Dots on Porous NiO as Photocathode for H ₂ Evolution under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11166-11174.	6.7	18
13	Crystallization of CaCO ₃ in Aqueous Solutions with Extremely High Concentrations of NaCl. <i>Crystals</i> , 2019, 9, 647.	2.2	18
14	A ternary hybrid of Zn-doped MoS ₂ -RGO for highly effective electrocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 100-108.	9.4	15
15	A self-curing konjac glucomannan/CaCO ₃ coating for corrosion protection of AA5052 aluminum alloy in NaCl solution. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 691-701.	7.5	14
16	Experimental and theoretical studies of sodium acetyldithiocarbamate for the removal of Cu ²⁺ and Ni ²⁺ from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 330-339.	9.4	11
17	Green Synthesis of Novel Schiff Bases as Eco-friendly Corrosion Inhibitors for Mild Steel in Hydrochloric Acid. <i>ChemistrySelect</i> , 2018, 3, 12486-12494.	1.5	9
18	Experimental and theoretical insights into two fluorine-containing imidazoline Schiff base inhibitors for carbon steels in hydrochloric acid solution. <i>Journal of Molecular Structure</i> , 2022, 1268, 133737.	3.6	9

#	ARTICLE	IF	CITATIONS
19	Effect of the passive films on CaCO ₃ scale depositing on Q235 steel: Electrochemical and surface investigation. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 172-182.	9.4	6