

GÃ¼khan Gece

List of Publications by Year in descending order

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29
papers

2,583
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1827
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of quantum chemical methods in corrosion inhibitor studies. <i>Corrosion Science</i> , 2008, 50, 2981-2992.	6.6	1,074
2	Drugs: A review of promising novel corrosion inhibitors. <i>Corrosion Science</i> , 2011, 53, 3873-3898.	6.6	442
3	Quantum chemical study of some cyclic nitrogen compounds as corrosion inhibitors of steel in NaCl media. <i>Corrosion Science</i> , 2009, 51, 1876-1878.	6.6	278
4	Experimental and theoretical study of the effect of some heterocyclic compounds on the corrosion of low carbon steel in 3.5% NaCl medium. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 809-815.	2.9	168
5	A theoretical study on the inhibition efficiencies of some amino acids as corrosion inhibitors of nickel. <i>Corrosion Science</i> , 2010, 52, 3435-3443.	6.6	144
6	Experimental and Quantum Chemical Evaluation of 8-Hydroxyquinoline as a Corrosion Inhibitor for Copper in 0.1 M HCl. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 9614-9624.	3.7	131
7	Experimental and theoretical calculations on corrosion inhibition of steel in 1M H ₂ SO ₄ by crown type polyethers. <i>Corrosion Science</i> , 2010, 52, 984-990.	6.6	91
8	A theoretical study of some hydroxamic acids as corrosion inhibitors for carbon steel. <i>Corrosion Science</i> , 2010, 52, 3304-3308.	6.6	53
9	Evaluation of the corrosion inhibiting efficacy of a newly synthesized nitrene against St37 steel corrosion in acidic medium: Experimental and theoretical approaches. <i>Materials Science and Engineering C</i> , 2018, 93, 539-553.	7.3	38
10	Molecular-Level Understanding of the Inhibition Efficiency of Some Inhibitors of Zinc Corrosion by Quantum Chemical Approach. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14115-14120.	3.7	28
11	Quantum chemical studies of some amino acids on the corrosion of cobalt in sulfuric acid solution. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2010, 61, 141-146.	1.5	26
12	Experimental and theoretical studies on the corrosion properties of some conducting polymer coatings. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1063-1070.	2.5	18
13	Experimental and theoretical study of the inhibition effects of some Schiff bases as corrosion inhibitors of aluminium in HCl. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2012, 63, 729-734.	1.5	15
14	Flexible Semicrown Ether-Linked Symmetric Cationic Gemini Surfactants: Synthesis and Evaluation as Catalysts for Acceleration of Diastereoselective [3 + 2] Cycloaddition Reaction in Reversed Phase Micellar Media. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 197-208.	2.1	13
15	Theoretical evaluation of the inhibition properties of two thiophene derivatives on corrosion of carbon steel in acidic media. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 940-944.	1.5	11
16	Corrosion inhibition behavior of two quinoline chalcones: insights from density functional theory. <i>Corrosion Reviews</i> , 2015, 33, 195-202.	2.0	10
17	A newly synthesized ionic liquid as an effective corrosion inhibitor for carbon steel in HCl medium: A combined experimental and computational studies. <i>Materials Today Communications</i> , 2021, 29, 102905.	1.9	9
18	Untangling the Inhibition Effects of Aliphatic Amines on Silver Corrosion: a Computational Study. <i>Chemistry Journal of Moldova</i> , 2017, 12, 64-70.	0.6	6

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19	A Theoretical Study on Chemically Elegant Proton Pump Inhibitors in Search of Novel Green Corrosion Inhibitors. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 1173-1180.	1.1	5
20	Electrochemical Evaluation of Sustainable Corrosion Inhibitors via Dynamic Electrochemical Impedance Spectroscopy. <i>ACS Symposium Series</i> , 0, , 61-85.	0.5	5
21	Revealing the Inhibition Efficiencies of Artesunate and Rutin for Corrosion of Steel: A Theoretical Study. <i>Key Engineering Materials</i> , 0, 762, 325-329.	0.4	4
22	A Theoretical Investigation of Some N-Hydroxymethyl Amino Acids as Corrosion Inhibitors for Mild Steel. <i>Key Engineering Materials</i> , 2019, 800, 108-112.	0.4	3
23	Theoretical Calculations of Metal as Corrosion Inhibitor of Steel. <i>Journal of the Korean Chemical Society</i> , 2009, 53, 671-676.	0.2	3
24	Response and contribution to the comments by G. Shama on the paper entitled "Drugs: A review of promising novel corrosion inhibitors". <i>Corrosion Science</i> , 2012, 60, 3.	6.6	2
25	Electrochemical and theoretical assessment of the effect of two biocides on the corrosion of petroleum steel in sulfur-polluted Black Sea water. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 2334-2342.	1.5	2
26	A quantum chemical insight into corrosion inhibition effects of moxifloxacin and betamethasone drugs. <i>International Journal of Corrosion and Scale Inhibition</i> , 2018, 7, .	0.6	2
27	Inhibition of steel corrosion by some Schiff and Mannich bases: a theoretical evaluation. <i>Voprosy Khimii I Khimicheskoi Tekhnologii</i> , 2021, , 27-34.	0.4	1
28	A Mini Review on Unassailable Inhibiting Roles of Some Compounds in Neutral Media. <i>ACS Symposium Series</i> , 0, , 167-176.	0.5	1
29	A computational study of two hexitol borates as corrosion inhibitors for steel. <i>International Journal of Corrosion and Scale Inhibition</i> , 2017, 6, .	0.6	0