

# Milan B RadovanoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

608  
citations

687363

13  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imidazole based compounds as copper corrosion inhibitors in seawater. <i>Journal of Molecular Liquids</i> , 2017, 225, 127-136.	4.9	119
2	Cephadrine as corrosion inhibitor for copper in 0.9% NaCl solution. <i>Journal of Molecular Structure</i> , 2018, 1159, 46-54.	3.6	84
3	The influence of synergistic effects of 5-methyl-1H-benzotriazole and potassium sorbate as well as 5-methyl-1H-benzotriazole and gelatin on the copper corrosion in sulphuric acid solution. <i>Journal of Molecular Liquids</i> , 2016, 219, 463-473.	4.9	61
4	Electrochemical investigations of copper corrosion inhibition by azithromycin in 0.9% NaCl. <i>Journal of Molecular Liquids</i> , 2018, 265, 687-692.	4.9	50
5	Electrochemical and DFT studies of brass corrosion inhibition in 3% NaCl in the presence of environmentally friendly compounds. <i>Scientific Reports</i> , 2019, 9, 16081.	3.3	41
6	New trends in corrosion protection of copper. <i>Chemical Papers</i> , 2019, 73, 2103-2132.	2.2	39
7	Cysteine as a green corrosion inhibitor for Cu37Zn brass in neutral and weakly alkaline sulphate solutions. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4370-4381.	5.3	33
8	Ibuprofen as a corrosion inhibitor for copper in synthetic acid rain solution. <i>Scientific Reports</i> , 2019, 9, 14710.	3.3	32
9	Protection of copper surface in acidic chloride solution by non-toxic thiazazole derivative. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 369-387.	2.6	29
10	Review of applied surface modifications of pencil graphite electrodes for paracetamol sensing. <i>Results in Physics</i> , 2021, 22, 103911.	4.1	24
11	Influence of 5-Chlorobenzotriazole on Inhibition of Copper Corrosion in Acid Rain Solution. <i>ACS Omega</i> , 2020, 5, 12832-12841.	3.5	21
12	Evaluation of purine based compounds as the inhibitors of copper corrosion in simulated body fluid. <i>Results in Physics</i> , 2019, 14, 102357.	4.1	16
13	Experimental and theoretical studies of paracetamol as a copper corrosion inhibitor. <i>Journal of Molecular Liquids</i> , 2021, 327, 114817.	4.9	16
14	Corrosion Behavior of Titanium in Simulated Body Solutions with the Addition of Biomolecules. <i>ACS Omega</i> , 2020, 5, 12768-12776.	3.5	15
15	Inhibition of Brass Corrosion by 2-Mercapto-1-methylimidazole in Weakly Alkaline Solution. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 921-937.	2.5	10
16	Effect of gelatine and 5-methyl-1H-benzotriazole on corrosion behaviour of copper in sulphuric acid containing Cl <sup>-</sup> ions. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 2592-2610.	2.6	9
17	Protection of Brass in HCl Solution by L-Cysteine and Cationic Surfactant. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.8	6
18	Electrochemical Analysis of the Influence of Purines on Copper, Steel and Some Other Metals Corrosion. <i>Metals</i> , 2022, 12, 1150.	2.3	3

#	ARTICLE	IF	CITATIONS
19	5-chloro-1H-benzotriazole and potassium sorbate as binary corrosion inhibitor of copper in acidic solution. <i>Materials Protection</i> , 2018, 59, 206-215.	0.9	0