

Vitalis Chukwuike

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3492942/publications.pdf>

Version: 2024-02-01

8
papers

102
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Capped and uncapped nickel tungstate (NiWO ₄) nanomaterials: A comparison study for anti-corrosion of copper metal in NaCl solution. Corrosion Science, 2019, 158, 108101.	6.6	27
2	Copper corrosion mitigation: A new insight for fabricating a surface barrier film against chloride ion under hydrodynamic flow. Applied Surface Science, 2021, 555, 149703.	6.1	14
3	Insight into corrosion inhibition mechanism of carbon steel in 2M HCl electrolyte by eco-friendly based pharmaceutical drugs. Chemical Data Collections, 2021, 34, 100722.	2.3	14
4	Surface and electrochemical corrosion analysis of niobium oxide film formed in various wet media. Applied Surface Science Advances, 2021, 4, 100079.	6.8	13
5	Corrosion inhibition of API 5L X-52 pipeline steel in oilfield acidizing solution by gentamicin and sulfamethoxazole: experimental, plane-wave density functional theory (PWDFT) and the generalized-gradient approximation (GGA) simulations. Journal of Adhesion Science and Technology, 0, 1-24.	2.6	12
6	Nanostructured Cobalt Tungstate (CoWO ₄): A Highly Promising Material for Fabrication of Protective Oxide Film on Copper in Chloride Medium. Journal of the Electrochemical Society, 2019, 166, C631-C641.	2.9	10
7	An investigation of the effect of pulse electrochemical deposition parameters on morphology, hardness and corrosion behaviour in the marine atmosphere. Surface Engineering, 2019, 35, 1021-1032.	2.2	8
8	Nickel-zinc tungstate nanocomposites deposited on copper surface for corrosion protection in chloride solution. Journal of Molecular Liquids, 2021, 336, 116342.	4.9	4