

Tuan Sherwyn Hamidon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

307
citations

6
h-index

17
g-index

20
ext. papers

549
ext. citations

3.7
avg, IF

4.24
L-index

#	Paper	IF	Citations
19	Potential of oil palm frond cellulose nanocrystals-activated carbon hydrogel beads for the removal of paracetamol from aqueous media. <i>Cellulose</i> , 2022 , 29, 1583	5.5	0
18	Applicability of winged bean extracts as organic corrosion inhibitors for reinforced steel in 0.5 M HCl electrolyte. <i>Journal of the Indian Chemical Society</i> , 2022 , 99, 100329		2
17	Recent progress in cellulose-based composites towards flame retardancy applications. <i>Polymer</i> , 2022 , 244, 124677	3.9	1
16	Potential of zinc based-graphene oxide composite coatings on mild steel in acidic solution. <i>Journal of the Indian Chemical Society</i> , 2021 , 100243		2
15	Physicochemical and conductivity studies of chitosan-tapioca flour-LiBF ₄ gel polymer electrolytes. <i>Chemical Physics Impact</i> , 2021 , 3, 100055	1.6	2
14	A review on the utilization of calcium oxide as a base catalyst in biodiesel production. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105741	6.8	11
13	Study on Clitoria ternatea extracts doped sol-gel coatings for the corrosion mitigation of mild steel. <i>Applied Surface Science Advances</i> , 2021 , 6, 100177	2.6	2
12	Enhanced corrosion inhibition of low carbon steel in aqueous sodium chloride employing sol-gel-based hybrid silanol coatings. <i>Journal of Sol-Gel Science and Technology</i> , 2021 , 97, 556-571	2.3	4
11	Nanocellulose: From Fundamentals to Advanced Applications. <i>Frontiers in Chemistry</i> , 2020 , 8, 392	5	222
10	Extracts of curcumin-incorporated hybrid sol-gel coatings for the corrosion mitigation of mild steel in 0.5 M HCl 2020 , 17, 1515-1535		5
9	Overview of pretreatment methods employed on oil palm biomass in producing value-added products: A review. <i>BioResources</i> , 2020 , 15, 9935-9997	1.3	4
8	Susceptibility of hybrid sol-gel (TEOS-APTES) doped with caffeine as potent corrosion protective coatings for mild steel in 3.5 wt.% NaCl. <i>Progress in Organic Coatings</i> , 2020 , 140, 105478	4.8	19
7	Tamarind shell tannin extracts as green corrosion inhibitors of mild steel in hydrochloric acid medium. <i>Materials Research Express</i> , 2019 , 6, 106579	1.7	10
6	Anticorrosive performance of AA6061 aluminium alloy treated with sol-gel coatings doped with mangrove bark tannins in 3.5 wt% NaCl. <i>Materials Research Express</i> , 2019 , 6, 096417	1.7	7
5	Evaluation of Piper sarmentosum extract's corrosion inhibitive effects and adsorption characteristics for the corrosion protection of mild steel in 0.5 M HCl. <i>Materials Research Express</i> , 2019 , 6, 106524	1.7	6
4	Physicochemical studies of tamarind shell tannins as a potential green rust converter 2019 , 14, 6863-6882		5
3	Tamarind shell tannin-doped hybrid sol-gel coatings on mild steel in acidic medium toward improved corrosion protection ¹		1

2 Kinetics and equilibrium studies of methylene blue dye adsorption on oil palm frond adsorbent 216, 358-371 2

1 Cellulose-based beads for the adsorptive removal of wastewater effluents: a review. *Environmental Chemistry Letters*, 1 13,3 2