Tuan Sherwyn Hamidon

List of Publications by Citations

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	Nanocellulose: From Fundamentals to Advanced Applications. *Frontiers in Chemistry*, **2020**, 8, 392	5	222
18	Susceptibility of hybrid sol-gel (TEOS-APTES) doped with caffeine as potent corrosion protective coatings for mild steel in 3.5 wt.% NaCl. *Progress in Organic Coatings*, **2020**, 140, 105478	4.8	19
17	A review on the utilization of calcium oxide as a base catalyst in biodiesel production. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105741	6.8	11
16	Tamarind shell tannin extracts as green corrosion inhibitors of mild steel in hydrochloric acid medium. *Materials Research Express*, **2019**, 6, 106579	1.7	10
15	Anticorrosive performance of AA6061 aluminium alloy treated with sol-gel coatings doped with mangrove bark tannins in 3.5 wt% NaCl. *Materials Research Express*, **2019**, 6, 096417	1.7	7
14	Evaluation of Piper sarmentosum extracts corrosion inhibitive effects and adsorption characteristics for the corrosion protection of mild steel in 0.5 M HCl. *Materials Research Express*, **2019**, 6, 106524	1.7	6
13	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
12	Physicochemical studies of tamarind shell tannins as a potential green rust converter **2019**, 14, 6863-6882		5
11	Overview of pretreatment methods employed on oil palm biomass in producing value-added products: A review. *BioResources*, **2020**, 15, 9935-9997	1.3	4
10	Enhanced corrosion inhibition of low carbon steel in aqueous sodium chloride employing sol gel-based hybrid silanol coatings. *Journal of Sol-Gel Science and Technology*, **2021**, 97, 556-571	2.3	4
9	Potential of zinc based-graphene oxide composite coatings on mild steel in acidic solution. *Journal of the Indian Chemical Society*, **2021**, 100243		2
8	Physicochemical and conductivity studies of chitosan-tapioca flour-LiBF4 gel polymer electrolytes. *Chemical Physics Impact*, **2021**, 3, 100055	1.6	2
7	Applicability of winged bean extracts as organic corrosion inhibitors for reinforced steel in 0.5 M HCl electrolyte. *Journal of the Indian Chemical Society*, **2022**, 99, 100329		2
6	Kinetics and equilibrium studies of methylene blue dye adsorption on oil palm frond adsorbent216, 358-371		2
5	Study on Clitoria ternatea extracts doped sol-gel coatings for the corrosion mitigation of mild steel. *Applied Surface Science Advances*, **2021**, 6, 100177	2.6	2
4	Cellulose-based beads for the adsorptive removal of wastewater effluents: a review. *Environmental Chemistry Letters*,1	13.3	2
3	Tamarind shell tannin-doped hybrid sol gel coatings on mild steel in acidic medium toward improved corrosion protection1		1

2	Recent progress in cellulose-based composites towards flame retardancy applications. *Polymer*, **2022**, 244, 124677	3.9	1
1	Potential of oil palm frond cellulose nanocrystals-activated carbon hydrogel beads for the removal of paracetamol from aqueous media. *Cellulose*, **2022**, 29, 1583	5.5	0