

# Tuan Sherwyn Hamidon

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

904  
citations

840728

11  
h-index

839512

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocellulose: From Fundamentals to Advanced Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 392.	3.6	586
2	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.	6.7	50
3	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.	3.9	39
4	Cellulose-based beads for the adsorptive removal of wastewater effluents: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1965-2017.	16.2	34
5	Recent progress in cellulose-based composites towards flame retardancy applications. <i>Polymer</i> , 2022, 244, 124677.	3.8	25
6	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.	2.8	19
7	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.	1.6	16
8	Tamarind shell tannin extracts as green corrosion inhibitors of mild steel in hydrochloric acid medium. <i>Materials Research Express</i> , 2019, 6, 106579.	1.6	15
9	Overview of pretreatment methods employed on oil palm biomass in producing value-added products: A review. <i>BioResources</i> , 2020, 15, 9935-9997.	1.0	15
10	Physicochemical studies of tamarind shell tannins as a potential green rust converter. <i>BioResources</i> , 2019, 14, 6863-6882.	1.0	15
11	Evaluation of <i>Piper sarmentosum</i> 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.	1.6	13
12	Extracts of curcumin-incorporated hybrid sol-gel coatings for the corrosion mitigation of mild steel in 0.5 M HCl. <i>Journal of Coatings Technology Research</i> , 2020, 17, 1515-1535.	2.5	13
13	Study on <i>Clitoria ternatea</i> extracts doped sol-gel coatings for the corrosion mitigation of mild steel. <i>Applied Surface Science Advances</i> , 2021, 6, 100177.	6.8	13
14	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.	2.4	12
15	Potential of zinc based-graphene oxide composite coatings on mild steel in acidic solution. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100243.	2.8	10
16	Physicochemical and conductivity studies of chitosan-tapioca flour-LiBF <sub>4</sub> gel polymer electrolytes. <i>Chemical Physics Impact</i> , 2021, 3, 100055.	3.5	8
17	Potential of oil palm frond cellulose nanocrystals-activated carbon hydrogel beads for the removal of paracetamol from aqueous media. <i>Cellulose</i> , 2022, 29, 1583-1607.	4.9	8
18	Kinetics and equilibrium studies of methylene blue dye adsorption on oil palm frond adsorbent. , 0, 216, 358-371.		6

#	ARTICLE	IF	CITATIONS
19	Tamarind shell tannin-doped hybrid sol-gel coatings on mild steel in acidic medium toward improved corrosion protection. <i>Journal of Coatings Technology Research</i> , 2022, 19, 527-542.	2.5	6
20	Anticorrosive performance of bacterial eumelanin polymer as a novel corrosion inhibitor doped into hybrid sol-gel matrix. <i>European Journal of Science and Technology</i> , 0, , .	0.5	1