

Fahanwi Asabuwa Ngwabebhoh

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papers

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ext. papers

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ext. citations

5.3
avg, IF

4.58
L-index

#	Paper	IF	Citations
23	Adsorptive removal of multi-azo dye from aqueous phase using a semi-IPN superabsorbent chitosan-starch hydrogel. <i>Chemical Engineering Research and Design</i> , 2016 , 112, 274-288	5.5	86
22	Pickering emulsions stabilized nanocellulosic-based nanoparticles for coumarin and curcumin nanoencapsulations: In vitro release, anticancer and antimicrobial activities. <i>Carbohydrate Polymers</i> , 2018 , 201, 317-328	10.3	81
21	Genipin crosslinked gelatin-diosgenin-nanocellulose hydrogels for potential wound dressing and healing applications. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 651-663	7.9	48
20	Synergistic removal of Cu(II) and nitrazine yellow dye using an eco-friendly chitosan-montmorillonite hydrogel: Optimization by response surface methodology. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	45
19	A design optimization study on synthesized nanocrystalline cellulose, evaluation and surface modification as a potential biomaterial for prospective biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 536-546	7.9	25
18	Nature-derived fibrous nanomaterial toward biomedicine and environmental remediation: Today's state and future prospects. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47878	2.9	20
17	Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. <i>Chemical Engineering Research and Design</i> , 2017 , 117, 122-138	5.5	18
16	Self-crosslinked chitosan/dialdehyde xanthan gum blended hypromellose hydrogel for the controlled delivery of ampicillin, minocycline and rifampicin. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 1468-1478	7.9	17
15	Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1269-1280	6.8	15
14	Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. <i>RSC Advances</i> , 2016 , 6, 111872-111881	3.7	14
13	Electrochemical performance of composites made of rGO with Zn-MOF and PANI as electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2021 , 367, 137563	6.7	12
12	Bioinspired modified nanocellulose adsorbent for enhanced boron recovery from aqueous media: Optimization, kinetics, thermodynamics and reusability study. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103281	6.8	8
11	Preparation and characterization of injectable self-antibacterial gelatin/carrageenan/bacterial cellulose hydrogel scaffolds for wound healing application. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 63, 102415	4.5	8
10	A response surface modelling study for sorption of Cu ²⁺ , Ni ²⁺ , Zn ²⁺ and Cd ²⁺ using chemically modified poly(vinylpyrrolidone) and poly(vinylpyrrolidone-co-methylacrylate) hydrogels. <i>Adsorption Science and Technology</i> , 2017 , 35, 263-283	3.6	7
9	Pickering stabilized nanocellulose-alginate: A diosgenin-mediated delivery of quinalizarin as a potent cyto-inhibitor in human lung/breast cancer cell lines. <i>Materials Science and Engineering C</i> , 2020 , 109, 110621	8.3	7
8	Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. <i>Polymer Bulletin</i> , 2017 , 74, 873-893	2.4	6
7	Development of dual crosslinked mumio-based hydrogel dressing for wound healing application: Physico-chemistry and antimicrobial activity. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120952	6.5	5

6	Pyrocatechol Recovery from Aqueous Phase by Nanocellulose-Based Platelet-Shaped Gels: Response Surface Methodology and Artificial Neural Network Design Study. <i>Journal of Environmental Engineering, ASCE</i> , 2019 , 145, 04018140	2	4
5	Preparation and Characterization of Nonwoven Fibrous Biocomposites for Footwear Components. <i>Polymers</i> , 2020 , 12,	4.5	3
4	Kombucha-derived bacterial cellulose from diverse wastes: a prudent leather alternative. <i>Cellulose</i> , 2021 , 28, 9335-9353	5.5	2
3	Bio-innovation of new-generation nonwoven natural fibrous materials for the footwear industry: Current state-of-the-art and sustainability panorama. <i>Journal of Natural Fibers</i> ,1-11	1.8	1
2	Electrospun polyurethane nanofibers coated with polyaniline/polyvinyl alcohol as ultrafiltration membranes for the removal of ethinylestradiol hormone micropollutant from aqueous phase. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107811	6.8	1
1	Development of novel biocomposites based on the clean production of microbial cellulose from dairy waste (sour whey). <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51433	2.9	0