

# Fahanwi Asabuwa Ngwabebehoh

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

23  
papers

433  
citations

11  
h-index

20  
g-index

23  
ext. papers

604  
ext. citations

5.3  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
23	Development of novel biocomposites based on the clean production of microbial cellulose from dairy waste (sour whey). <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51433	2.9	0
22	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> , <b>2022</b> , 10, 107811	6.8	1
21	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> , <b>2021</b> , 63, 102415	4.5	8
20	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> , <b>2021</b> , 167, 1468-1478	7.9	17
19	Electrochemical performance of composites made of rGO with Zn-MOF and PANI as electrodes for supercapacitors. <i>Electrochimica Acta</i> , <b>2021</b> , 367, 137563	6.7	12
18	Kombucha-derived bacterial cellulose from diverse wastes: a prudent leather alternative. <i>Cellulose</i> , <b>2021</b> , 28, 9335-9353	5.5	2
17	Development of dual crosslinked mumio-based hydrogel dressing for wound healing application: Physico-chemistry and antimicrobial activity. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 607, 120952	6.5	5
16	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> , <b>2020</b> , 109, 110621	8.3	7
15	Genipin crosslinked gelatin-diosgenin-nanocellulose hydrogels for potential wound dressing and healing applications. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 149, 651-663	7.9	48
14	Preparation and Characterization of Nonwoven Fibrous Biocomposites for Footwear Components. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
13	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> , <b>2019</b> , 145, 04018140	2	4
12	Nature-derived fibrous nanomaterial toward biomedicine and environmental remediation: Today's state and future prospects. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47878	2.9	20
11	Bioinspired modified nanocellulose adsorbent for enhanced boron recovery from aqueous media: Optimization, kinetics, thermodynamics and reusability study. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103281	6.8	8
10	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> , <b>2018</b> , 114, 536-546	7.9	25
9	Pickering emulsions stabilized nanocellulosic-based nanoparticles for coumarin and curcumin nanoencapsulations: In vitro release, anticancer and antimicrobial activities. <i>Carbohydrate Polymers</i> , <b>2018</b> , 201, 317-328	10.3	81
8	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> , <b>2017</b> , 5, 1269-1280	6.8	15
7	A response surface modelling study for sorption of Cu <sup>2+</sup> , Ni <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> using chemically modified poly(vinylpyrrolidone) and poly(vinylpyrrolidone-co-methylacrylate) hydrogels. <i>Adsorption Science and Technology</i> , <b>2017</b> , 35, 263-283	3.6	7

6	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> , <b>2017</b> , 117, 122-138	5.5	18
5	Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 873-893	2.4	6
4	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> , <b>2016</b> , 133,	2.9	45
3	Adsorptive removal of multi-azo dye from aqueous phase using a semi-IPN superabsorbent chitosan-starch hydrogel. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 112, 274-288	5.5	86
2	Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. <i>RSC Advances</i> , <b>2016</b> , 6, 111872-111881	3.7	14
1	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