

Aphra Agaba

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

518
citations

686830

13
h-index

1058022

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14
all docs

14
docs citations

14
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel-inspired adhesive gelatin-polyacrylamide hydrogel wound dressing loaded with tetracycline hydrochloride to enhance complete skin regeneration. <i>Soft Matter</i> , 2022, 18, 662-674.	1.2	17
2	Self-healing and acidochromic polyvinyl alcohol hydrogel reinforced by regenerated cellulose. <i>Carbohydrate Polymers</i> , 2021, 255, 117331.	5.1	15
3	Transforming commercial regenerated cellulose yarns into multifunctional wearable electronic textiles. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1309-1318.	2.7	29
4	An autonomously healable, highly stretchable and cyclically compressible, wearable hydrogel as a multimodal sensor. <i>Polymer Chemistry</i> , 2020, 11, 1327-1336.	1.9	32
5	The effect of the degree of substitution on the solubility of cellulose acetoacetates in water: A molecular dynamics simulation and density functional theory study. <i>Carbohydrate Research</i> , 2020, 496, 108134.	1.1	9
6	Multi-responsive, self-healing and adhesive PVA based hydrogels induced by the ultrafast complexation of Fe ³⁺ ions. <i>Soft Matter</i> , 2019, 15, 7404-7411.	1.2	27
7	High-performance polypyrrole coated knitted cotton fabric electrodes for wearable energy storage. <i>Organic Electronics</i> , 2019, 74, 59-68.	1.4	33
8	High-performance textile electrodes for wearable electronics obtained by an improved in situ polymerization method. <i>Chemical Engineering Journal</i> , 2019, 361, 897-907.	6.6	86
9	Facile fabrication of thiol-modified cellulose sponges for adsorption of Hg ²⁺ from aqueous solutions. <i>Cellulose</i> , 2018, 25, 3025-3035.	2.4	38
10	Self-healing and injectable polysaccharide hydrogels with tunable mechanical properties. <i>Cellulose</i> , 2018, 25, 559-571.	2.4	58
11	Chemical crosslinking reinforced flexible cellulose nanofiber-supported cryogel. <i>Cellulose</i> , 2018, 25, 573-582.	2.4	53
12	Precipitated silica agglomerates reinforced with cellulose nanofibrils as adsorbents for heavy metals. <i>RSC Advances</i> , 2018, 8, 33129-33137.	1.7	13
13	Enamine Approach for Versatile and Reversible Functionalization on Cellulose Related Porous Sponges. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9028-9036.	3.2	22
14	Facile fabrication of redox/pH dual stimuli responsive cellulose hydrogel. <i>Carbohydrate Polymers</i> , 2017, 176, 299-306.	5.1	86