

Sawsan Dacrory

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

988
citations

361413

20
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel method of preparation of tricarboxylic cellulose nanofiber for efficient removal of heavy metal ions from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 207-214.	7.5	101
2	Protective role of zinc oxide nanoparticles based hydrogel against wilt disease of pepper plant. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102083.	3.1	75
3	Development of microporous cellulose-based smart xerogel reversible sensor via freeze drying for naked-eye detection of ammonia gas. <i>Carbohydrate Polymers</i> , 2019, 210, 196-203.	10.2	65
4	Synthesis, anti-proliferative activity, computational studies of tetrazole cellulose utilizing different homogenous catalyst. <i>Carbohydrate Polymers</i> , 2020, 229, 115537.	10.2	56
5	Smart microfibrillated cellulose as swab sponge-like aerogel for real-time colorimetric naked-eye sweat monitoring. <i>Talanta</i> , 2019, 205, 120166.	5.5	53
6	Biocompatible hydrogel based on aldehyde-functionalized cellulose and chitosan for potential control drug release. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100419.	3.3	50
7	Synthesis of cellulose based amino acid functionalized nano-biocomplex: Characterization, antifungal activity, molecular docking and hemocompatibility. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 15, 100453.	2.9	43
8	Fabrication of sodium alginate/graphene oxide/nanocrystalline cellulose scaffold for methylene blue adsorption: Kinetics and thermodynamics study. <i>Separation and Purification Technology</i> , 2022, 290, 120825.	7.9	41
9	Innovative synthesis of modified cellulose derivative as a uranium adsorbent from carbonate solutions of radioactive deposits. <i>Cellulose</i> , 2020, 27, 7093-7108.	4.9	39
10	A new approach for antimicrobial and antiviral activities of biocompatible nanocomposite based on cellulose, amino acid and graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 209, 112172.	5.0	37
11	In situ synthesis of Fe ₃ O ₄ @ cyanoethyl cellulose composite as antimicrobial and semiconducting film. <i>Carbohydrate Polymers</i> , 2020, 236, 116032.	10.2	36
12	Preparation and characterization of novel antibacterial blended films based on modified carboxymethyl cellulose/phenolic compounds. <i>Polymer Bulletin</i> , 2021, 78, 1061-1085.	3.3	36
13	Potential anticorrosive performance of green and sustainable inhibitor based on cellulose derivatives for carbon steel. <i>Journal of Molecular Liquids</i> , 2021, 338, 116604.	4.9	34
14	Adsorption of Fe ions by modified carrageenan beads with tricarboxy cellulose: kinetics study and four isotherm models. , 0, 165, 281-289.		34
15	Antimicrobial Activity, DFT Calculations, and Molecular Docking of Dialdehyde Cellulose/Graphene Oxide Film Against Covid-19. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2248-2260.	5.0	32
16	Antimicrobial cellulosic hydrogel from olive oil industrial residue. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 179-188.	7.5	31
17	Development of semiconductive foams based on cellulose- benzenesulfonate/CuFe ₂ O ₄ - nanoparticles and theoretical studies with DFT/ B3PW91/LANDZ2 basis set. <i>Journal of Molecular Structure</i> , 2022, 1247, 131390.	3.6	29
18	Development of biodegradable semiconducting foam based on micro-fibrillated cellulose/Cu-NPs. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 351-359.	7.5	26

#	ARTICLE	IF	CITATIONS
19	Green, three component highly efficient synthesis of 2-amino-5,6,7,8-tetrahydro-4 <i>H</i> -chromen-3-carbonitriles in water at ambient temperature. Green Chemistry Letters and Reviews, 2010, 3, 161-163.	4.7	24
20	FUNCTIONALIZATION AND CROSS-LINKING OF CARBOXYMETHYL CELLULOSE IN AQUEOUS MEDIA. Cellulose Chemistry and Technology, 2019, 53, 23-33.	1.2	24
21	Simple, Three-Component, Highly Efficient Green Synthesis of Thiazolo[3,2-a]pyridine Derivatives Under Neat Conditions. Synthetic Communications, 2011, 41, 2511-2516.	2.1	23
22	Cyanoethyl Cellulose/BaTiO ₃ /GO Flexible Films with Electroconductive Properties. ECS Journal of Solid State Science and Technology, 2021, 10, 083004.	1.8	19
23	Antimicrobial and antiviral activities with molecular docking study of chitosan/carrageenan@clove oil beads. Biotechnology Journal, 2022, 17, e2100298.	3.5	19
24	Photocatalytic degradation of pesticide intermediate using green eco-friendly amino functionalized cellulose nanocomposites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 270, 115231.	3.5	14
25	Effective adsorption of cationic methylene blue dye on cellulose nanofiber/graphene oxide/silica nanocomposite: Kinetics and equilibrium. Journal of Applied Polymer Science, 2022, 139, .	2.6	13
26	Hydrophobic and Flame-Retardant Foam Based on Cellulose. Journal of Polymers and the Environment, 2022, 30, 2366-2377.	5.0	8
27	Development of mesoporous foam based on dicarboxylic cellulose and graphene oxide for potential oil/water separation. Polymer Bulletin, 2022, 79, 9563-9574.	3.3	7
28	A biodegradable film based on cellulose and thiazolidine bearing UV shielding property. Scientific Reports, 2022, 12, 7887.	3.3	7
29	Preparation and Characterization of Eco-friendly Carboxymethyl Cellulose Antimicrobial Nanocomposite Hydrogels. Journal of Renewable Materials, 2018, , .	2.2	6
30	EDTA-Functionalized Magnetic Graphene Oxide/Polyacrylamide Grafted Carboxymethyl Cellulose Hydrogel for Removal of Pb ²⁺ from Aqueous Solution. Journal of Polymers and the Environment, 2022, 30, 1833-1846.	5.0	3
31	Development of Dielectric Film Based on Cellulose Loaded Nano-Silver and Carbon for Potential Energy Storage. ECS Journal of Solid State Science and Technology, 2021, 10, 123004.	1.8	3