Sawsan Dacrory

List of Publications by Year in descending order

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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	Development of semiconductive foams based on cellulose- benzenesulfonate/CuFe2O4- nanoparticles and theoretical studies with DFT/ B3PW91/LANDZ2 basis set. Journal of Molecular Structure, 2022, 1247, 131390.	3.6	29
2	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
3	A new approach for antimicrobial and antiviral activities of biocompatible nanocomposite based on cellulose, amino acid and graphene oxide. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112172.	5.0	37
4	Antimicrobial and antiviral activities with molecular docking study of chitosan/carrageenan@clove oil beads. Biotechnology Journal, 2022, 17, e2100298.	3.5	19
5	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
6	Hydrophobic and Flame-Retardant Foam Based on Cellulose. Journal of Polymers and the Environment, 2022, 30, 2366-2377.	5.0	8
7	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
8	Fabrication of sodium alginate/graphene oxide/nanocrystalline cellulose scaffold for methylene blue adsorption: Kinetics and thermodynamics study. Separation and Purification Technology, 2022, 290, 120825.	7.9	41
9	A biodegradable film based on cellulose and thiazolidine bearing UV shielding property. Scientific Reports, 2022, 12, 7887.	3.3	7
10	Preparation and characterization of novel antibacterial blended films based on modified carboxymethyl cellulose/phenolic compounds. Polymer Bulletin, 2021, 78, 1061-1085.	3.3	36
11	Antimicrobial Activity, DFT Calculations, and Molecular Docking of Dialdehyde Cellulose/Graphene Oxide Film Against Covid-19. Journal of Polymers and the Environment, 2021, 29, 2248-2260.	5.0	32
12	Synthesis of cellulose based amino acid functionalized nano-biocomplex: Characterization, antifungal activity, molecular docking and hemocompatibility. Environmental Nanotechnology, Monitoring and Management, 2021, 15, 100453.	2.9	43
13	Biocompatible hydrogel based on aldehyde-functionalized cellulose and chitosan for potential control drug release. Sustainable Chemistry and Pharmacy, 2021, 21, 100419.	3.3	50
14	Cyanoethyl Cellulose/BaTiO₃/GO Flexible Films with Electroconductive Properties. ECS Journal of Solid State Science and Technology, 2021, 10, 083004.	1.8	19
15	Protective role of zinc oxide nanoparticles based hydrogel against wilt disease of pepper plant. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102083.	3.1	75
16	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
17	Potential anticorrosive performance of green and sustainable inhibitor based on cellulose derivatives for carbon steel. Journal of Molecular Liquids, 2021, 338, 116604.	4.9	34
18	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

#	Article	IF	Citations
19	Synthesis, anti-proliferative activity, computational studies of tetrazole cellulose utilizing different homogenous catalyst. Carbohydrate Polymers, 2020, 229, 115537.	10.2	56
20	Innovative synthesis of modified cellulose derivative as a uranium adsorbent from carbonate solutions of radioactive deposits. Cellulose, 2020, 27, 7093-7108.	4.9	39
21	In situ synthesis of Fe3O4@ cyanoethyl cellulose composite as antimicrobial and semiconducting film. Carbohydrate Polymers, 2020, 236, 116032.	10.2	36
22	Smart microfibrillated cellulose as swab sponge-like aerogel for real-time colorimetric naked-eye sweat monitoring. Talanta, 2019, 205, 120166.	5.5	53
23	Development of biodegradable semiconducting foam based on micro-fibrillated cellulose/Cu-NPs. International Journal of Biological Macromolecules, 2019, 132, 351-359.	7.5	26
24	Development of microporous cellulose-based smart xerogel reversible sensor via freeze drying for naked-eye detection of ammonia gas. Carbohydrate Polymers, 2019, 210, 196-203.	10.2	65
25	FUNCTIONALIZATION AND CROSS-LINKING OF CARBOXYMETHYL CELLULOSE IN AQUEOUS MEDIA. Cellulose Chemistry and Technology, 2019, 53, 23-33.	1.2	24
26	Preparation and Characterization of Eco-friendly Carboxymethyl Cellulose Antimicrobial NanocompositeÂHydrogels. Journal of Renewable Materials, 2018, , .	2.2	6
27	Novel method of preparation of tricarboxylic cellulose nanofiber for efficient removal of heavy metal ions from aqueous solution. International Journal of Biological Macromolecules, 2018, 119, 207-214.	7.5	101
28	Antimicrobial cellulosic hydrogel from olive oil industrial residue. International Journal of Biological Macromolecules, 2018, 117, 179-188.	7.5	31
29	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
30	Green, three component highly efficient synthesis of 2-amino-5,6,7,8-tetrahydro-4-H-chromen-3-carbonitriles in water at ambient temperature. Green Chemistry Letters and Reviews, 2010, 3, 161-163.	4.7	24
31	Adsorption of Fe ions by modified carrageenan beads with tricarboxy cellulose: kinetics study and four isotherm models. , 0, 165, 281-289.		34