

Abdel-Mohsen Abdel-mohsen

List of Publications by Citations

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26

papers

1,368

citations

20

h-index

27

g-index

27

ext. papers

1,567

ext. citations

6.5

avg, IF

4.65

L-index

#	Paper	IF	Citations
26	Comparative study of calcium alginate, activated carbon, and their composite beads on methylene blue adsorption. <i>Carbohydrate Polymers</i> , 2014 , 102, 192-8	10.3	216
25	Adsorption of arsenic by activated carbon, calcium alginate and their composite beads. <i>International Journal of Biological Macromolecules</i> , 2014 , 68, 125-30	7.9	101
24	Chitin and chitosan from Brazilian Atlantic Coast: Isolation, characterization and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 107-20	7.9	81
23	Preparation, characterization and cytotoxicity of schizophyllan/silver nanoparticle composite. <i>Carbohydrate Polymers</i> , 2014 , 102, 238-45	10.3	79
22	Eco-Synthesis of PVA/Chitosan Hydrogels for Biomedical Application. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 1005-1012	4.5	79
21	Novel chitin/chitosan-glucan wound dressing: Isolation, characterization, antibacterial activity and wound healing properties. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 86-99	6.5	78
20	Green synthesis of hyaluronan fibers with silver nanoparticles. <i>Carbohydrate Polymers</i> , 2012 , 89, 411-22	10.3	73
19	Antibacterial activity and cell viability of hyaluronan fiber with silver nanoparticles. <i>Carbohydrate Polymers</i> , 2013 , 92, 1177-87	10.3	68
18	Preparation and characterization of alginate/silver/nicotinamide nanocomposites for treating diabetic wounds. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 739-747	7.9	62
17	Wound dressing based on chitosan/hyaluronan/nonwoven fabrics: Preparation, characterization and medical applications. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 725-36	7.9	57
16	A novel in situ silver/hyaluronan bio-nanocomposite fabrics for wound and chronic ulcer dressing: In vitro and in vivo evaluations. <i>International Journal of Pharmaceutics</i> , 2017 , 520, 241-253	6.5	52
15	Antibacterial cotton fabrics treated with core-shell nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 1245-53	7.9	50
14	A novel method for the preparation of silver/chitosan-O-methoxy polyethylene glycol core shell nanoparticles. <i>Journal of Polymers and the Environment</i> , 2012 , 20, 459-468	4.5	46
13	Biomedical Textiles Through Multifunctionalization of Cotton Fabrics Using Innovative Methoxypolyethylene Glycol-N-Chitosan Graft Copolymer. <i>Journal of Polymers and the Environment</i> , 2012 , 20, 104-116	4.5	45
12	Wound healing of different molecular weight of hyaluronan; in-vivo study. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 582-91	7.9	43
11	Green-assisted tool for nanogold synthesis based on alginate as a biological macromolecule. <i>RSC Advances</i> , 2016 , 6, 73974-73985	3.7	42
10	Synthesis, characterization and antibacterial activity of new fluorescent chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 234-40	7.9	38

9	Electrospinning of hyaluronan/polyvinyl alcohol in presence of in-situ silver nanoparticles: Preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 730-739	7.9	30
8	Chitosan-glucan complex hollow fibers reinforced collagen wound dressing embedded with aloe vera. II. Multifunctional properties to promote cutaneous wound healing. <i>International Journal of Pharmaceutics</i> , 2020 , 582, 119349	6.5	27
7	Innovative multifinishing using chitosan-O-PEG graft copolymer/citric acid aqueous system for preparation of medical textiles. <i>Journal of the Textile Institute</i> , 2010 , 101, 76-90	1.5	22
6	Comparative study of chitosan and silk fibroin staple microfibers on removal of chromium (VI): Fabrication, kinetics and thermodynamic studies. <i>Carbohydrate Polymers</i> , 2020 , 234, 115861	10.3	20
5	Synthesis, biological, anti-inflammatory activities and quantum chemical calculation of some [4-(2, 4, 6-trimethylphenyl)-1(2H)-oxo-phthalazin-2yl] acetic acid hydrazide derivatives. <i>Dyes and Pigments</i> , 2015 , 113, 357-371	4.6	18
4	Preparation and Characterization of Polyethylene Glycol/Dimethyl Siloxane Adduct and Its Utilization as Finishing Agent for Cotton Fabric. <i>Journal of Natural Fibers</i> , 2011 , 8, 176-188	1.8	18
3	Hyaluronan biofilms reinforced with partially deacetylated chitin nanowhiskers: Extraction, fabrication, in-vitro and antibacterial properties of advanced nanocomposites. <i>Carbohydrate Polymers</i> , 2020 , 235, 115951	10.3	13
2	Synthesis and antimicrobial activities of S-nucleosides of 4-mesitylphthalazine-1-thiol and some new selenium-containing nucleoside analogues. <i>Tetrahedron Letters</i> , 2015 , 56, 1183-1188	2	9
1	Synergistic performance of collagen-g-chitosan-glucan Fiber biohybrid scaffold with tunable properties.. <i>International Journal of Biological Macromolecules</i> , 2022 , 202, 671-671	7.9	0