

Abdel-Mohsen Abdel-mohsen

List of Publications by Year
in descending order

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27
papers

1,743
citations

304743

22
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2513
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of calcium alginate, activated carbon, and their composite beads on methylene blue adsorption. Carbohydrate Polymers, 2014, 102, 192-198.	10.2	264
2	Adsorption of arsenic by activated carbon, calcium alginate and their composite beads. International Journal of Biological Macromolecules, 2014, 68, 125-130.	7.5	129
3	Chitin and chitosan from Brazilian Atlantic Coast: Isolation, characterization and antibacterial activity. International Journal of Biological Macromolecules, 2015, 80, 107-120.	7.5	114
4	Eco-Synthesis of PVA/Chitosan Hydrogels for Biomedical Application. Journal of Polymers and the Environment, 2011, 19, 1005-1012.	5.0	97
5	Novel chitin/chitosan-glucan wound dressing: Isolation, characterization, antibacterial activity and wound healing properties. International Journal of Pharmaceutics, 2016, 510, 86-99.	5.2	96
6	Preparation, characterization and cytotoxicity of schizophyllan/silver nanoparticle composite. Carbohydrate Polymers, 2014, 102, 238-245.	10.2	95
7	Green synthesis of hyaluronan fibers with silver nanoparticles. Carbohydrate Polymers, 2012, 89, 411-422.	10.2	93
8	Antibacterial activity and cell viability of hyaluronan fiber with silver nanoparticles. Carbohydrate Polymers, 2013, 92, 1177-1187.	10.2	81
9	Preparation and characterization of alginate/silver/nicotinamide nanocomposites for treating diabetic wounds. International Journal of Biological Macromolecules, 2016, 92, 739-747.	7.5	77
10	A novel in situ silver/hyaluronan bio-nanocomposite fabrics for wound and chronic ulcer dressing: In vitro and in vivo evaluations. International Journal of Pharmaceutics, 2017, 520, 241-253.	5.2	68
11	Wound dressing based on chitosan/hyaluronan/nonwoven fabrics: Preparation, characterization and medical applications. International Journal of Biological Macromolecules, 2016, 89, 725-736.	7.5	67
12	Antibacterial cotton fabrics treated with core-shell nanoparticles. International Journal of Biological Macromolecules, 2012, 50, 1245-1253.	7.5	60
13	Green-assisted tool for nanogold synthesis based on alginate as a biological macromolecule. RSC Advances, 2016, 6, 73974-73985.	3.6	60
14	Wound healing of different molecular weight of hyaluronan; in-vivo study. International Journal of Biological Macromolecules, 2016, 89, 582-591.	7.5	56
15	A novel method for the preparation of silver/chitosan-O-methoxy polyethylene glycol core shell nanoparticles. Journal of Polymers and the Environment, 2012, 20, 459-468.	5.0	50
16	Biomedical Textiles Through Multifunctionalization of Cotton Fabrics Using Innovative Methoxypolyethylene Glycol-N-Chitosan Graft Copolymer. Journal of Polymers and the Environment, 2012, 20, 104-116.	5.0	49
17	Electrospinning of hyaluronan/polyvinyl alcohol in presence of in-situ silver nanoparticles: Preparation and characterization. International Journal of Biological Macromolecules, 2019, 139, 730-739.	7.5	45
18	Chitosan-glucan complex hollow fibers reinforced collagen wound dressing embedded with aloe vera. II. Multifunctional properties to promote cutaneous wound healing. International Journal of Pharmaceutics, 2020, 582, 119349.	5.2	45

#	ARTICLE	IF	CITATIONS
19	Comparative study of chitosan and silk fibroin staple microfibers on removal of chromium (VI): Fabrication, kinetics and thermodynamic studies. Carbohydrate Polymers, 2020, 234, 115861.	10.2	42
20	Synthesis, characterization and antibacterial activity of new fluorescent chitosan derivatives. International Journal of Biological Macromolecules, 2014, 65, 234-240.	7.5	41
21	Synthesis, biological, anti-inflammatory activities and quantum chemical calculation of some [4-(2, 4,) Tj ETQq1 1 0.784314 rgBT /Ove 113, 357-371.	3.7	27
22	Innovative multifinishing using chitosan- <i>O</i> -PEG graft copolymer/citric acid aqueous system for preparation of medical textiles. Journal of the Textile Institute, 2010, 101, 76-90.	1.9	24
23	Preparation and Characterization of Polyethylene Glycol/Dimethyl Siloxane Adduct and Its Utilization as Finishing Agent for Cotton Fabric. Journal of Natural Fibers, 2011, 8, 176-188.	3.1	22
24	Hyaluronan biofilms reinforced with partially deacetylated chitin nanowhiskers: Extraction, fabrication, in-vitro and antibacterial properties of advanced nanocomposites. Carbohydrate Polymers, 2020, 235, 115951.	10.2	21
25	Synthesis and antimicrobial activities of S-nucleosides of 4-mesitylphthalazine-1-thiol and some new selenium-containing nucleoside analogues. Tetrahedron Letters, 2015, 56, 1183-1188.	1.4	10
26	Synergistic performance of collagen-g-chitosan-glucan fiber biohybrid scaffold with tunable properties. International Journal of Biological Macromolecules, 2022, 202, 671-680.	7.5	8
27	Chemistry, 2014, 26, 7828-7832.	0.3	2