

Moustafa M G Fouda

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,945
citations

70961

41
h-index

118652

62
g-index

75
all docs

75
docs citations

75
times ranked

4547
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of calcium alginate, activated carbon, and their composite beads on methylene blue adsorption. <i>Carbohydrate Polymers</i> , 2014, 102, 192-198.	5.1	264
2	Highly effective antibacterial textiles containing green synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2011, 86, 936-940.	5.1	225
3	Wound healing of nanofiber comprising Polygalacturonic/Hyaluronic acid embedded silver nanoparticles: In-vitro and in-vivo studies. <i>Carbohydrate Polymers</i> , 2020, 238, 116175.	5.1	168
4	Environmental synthesis of silver nanoparticles using hydroxypropyl starch and their characterization. <i>Carbohydrate Polymers</i> , 2011, 86, 630-635.	5.1	152
5	Eco-friendly microwave-assisted green and rapid synthesis of well-stabilized gold and core-shell silver-gold nanoparticles. <i>Carbohydrate Polymers</i> , 2016, 136, 1128-1136.	5.1	131
6	Antibacterial, Cytotoxicity and Larvicidal Activity of Green Synthesized Selenium Nanoparticles Using <i>Penicillium corylophilum</i> . <i>Journal of Cluster Science</i> , 2021, 32, 351-361.	1.7	131
7	Antimicrobial activity of carboxymethyl chitosan/polyethylene oxide nanofibers embedded silver nanoparticles. <i>Carbohydrate Polymers</i> , 2013, 92, 1012-1017.	5.1	129
8	Ecofriendly Synthesis and Insecticidal Application of Copper Nanoparticles against the Storage Pest <i>Tribolium castaneum</i> . <i>Nanomaterials</i> , 2020, 10, 587.	1.9	122
9	Chitin and chitosan from Brazilian Atlantic Coast: Isolation, characterization and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 107-120.	3.6	114
10	Preparation of durable insect repellent cotton fabric: Limonene as insecticide. <i>Carbohydrate Polymers</i> , 2008, 74, 268-273.	5.1	109
11	Mechanically Interlocked Molecules Assembled by π - π Recognition. <i>ChemPlusChem</i> , 2012, 77, 159-185.	1.3	100
12	Preparation, characterization and cytotoxicity of schizophyllan/silver nanoparticle composite. <i>Carbohydrate Polymers</i> , 2014, 102, 238-245.	5.1	95
13	One-step process for bio-scouring and peracetic acid bleaching of cotton fabric. <i>Carbohydrate Polymers</i> , 2009, 78, 302-308.	5.1	87
14	Antidiabetic assessment; in vivo study of gold and core-shell silver-gold nanoparticles on streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 865-875.	2.5	85
15	Soil Application of Nano Silica on Maize Yield and Its Insecticidal Activity Against Some Stored Insects After the Post-Harvest. <i>Nanomaterials</i> , 2020, 10, 739.	1.9	81
16	Green synthesis of easy care and antimicrobial cotton fabrics. <i>Carbohydrate Polymers</i> , 2011, 86, 1684-1691.	5.1	73
17	Repellency of controlled-release treated cotton fabrics based on cypermethrin and prallethrin. <i>Carbohydrate Polymers</i> , 2008, 73, 92-97.	5.1	70
18	Antibacterial activity of cationically modified cotton fabric with carboxymethyl chitosan. <i>Journal of Applied Polymer Science</i> , 2008, 110, 1289-1296.	1.3	64

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19	Microwave curing for producing cotton fabrics with easy care and antibacterial properties. Carbohydrate Polymers, 2009, 77, 651-655.	5.1	64
20	k-Carrageenan/poly vinyl pyrrolidone/polyethylene glycol/silver nanoparticles film for biomedical application. International Journal of Biological Macromolecules, 2015, 74, 179-184.	3.6	62
21	Development of Illuminant Glow-in-the-Dark Cotton Fabric Coated by Luminescent Composite with Antimicrobial Activity and Ultraviolet Protection. Journal of Fluorescence, 2019, 29, 703-710.	1.3	61
22	Wound dressing of chitosan-based-crosslinked gelatin/ polyvinyl pyrrolidone embedded silver nanoparticles, for targeting multidrug resistance microbes. Carbohydrate Polymers, 2021, 255, 117484.	5.1	57
23	Wound healing of different molecular weight of hyaluronan; in-vivo study. International Journal of Biological Macromolecules, 2016, 89, 582-591.	3.6	56
24	Deposition of durable thin silver layers onto polyamides employing a heterogeneous Tollensâ€™ reaction. Applied Surface Science, 2010, 256, 2337-2342.	3.1	55
25	Structure and properties of hydroxyapatite/hydroxyethyl cellulose acetate composite films. Carbohydrate Polymers, 2015, 115, 170-176.	5.1	51
26	Co-encapsulation of enzyme and tricyanofuran hydrazone into alginate microcapsules incorporated onto cotton fabric as a biosensor for colorimetric recognition of urea. Reactive and Functional Polymers, 2019, 142, 199-206.	2.0	50
27	Synthesis and antibacterial of carboxymethyl starch-grafted poly(vinyl imidazole) against some plant pathogens. International Journal of Biological Macromolecules, 2015, 72, 1466-1472.	3.6	49
28	Removal of heavy metal using poly (N-vinylimidazole)-grafted-carboxymethylated starch. International Journal of Biological Macromolecules, 2014, 66, 289-294.	3.6	48
29	Impact of high throughput green synthesized silver nanoparticles on agronomic traits of onion. International Journal of Biological Macromolecules, 2020, 149, 1304-1317.	3.6	47
30	Assessment of silver nanoparticles decorated starch and commercial zinc nanoparticles with respect to their genotoxicity on onion. International Journal of Biological Macromolecules, 2019, 133, 1008-1018.	3.6	46
31	Crosslinking of alginate acid/chitosan matrices using polycarboxylic acids and their utilization for sodium diclofenac release. Carbohydrate Polymers, 2008, 73, 606-611.	5.1	45
32	Incorporation of chlorohexidin diacetate into cotton fabrics grafted with glycidyl methacrylate and cyclodextrin. Carbohydrate Polymers, 2010, 79, 47-53.	5.1	45
33	Novel halochromic cellulose nanowhiskers from rice straw: Visual detection of urea. Carbohydrate Polymers, 2020, 231, 115740.	5.1	45
34	Development of colorimetric cotton swab using molecular switching hydrazone probe in calcium alginate. Journal of Molecular Structure, 2020, 1216, 128301.	1.8	45
35	Microencapsulation of lectin anti-cancer agent and controlled release by alginate beads, biosafety approach. International Journal of Biological Macromolecules, 2014, 69, 88-94.	3.6	44
36	Controlled drug release from cross-linked κ -carrageenan/hyaluronic acid membranes. International Journal of Biological Macromolecules, 2015, 77, 322-329.	3.6	44

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37	Multifunctional finish and cotton cellulose fabric. Carbohydrate Polymers, 2011, 86, 625-629.	5.1	43
38	Synthesis and characterization of composite based on cellulose acetate and hydroxyapatite application to the absorption of harmful substances. Carbohydrate Polymers, 2014, 111, 41-46.	5.1	43
39	Use of chitosan/polyamine biopolymers based cotton as a model system to prepare antimicrobial wound dressing. International Journal of Diabetes Mellitus, 2009, 1, 61-64.	0.6	42
40	Improving easy care properties of cotton fabric via dual effect of ester and ionic crosslinking. Carbohydrate Polymers, 2011, 86, 1692-1698.	5.1	41
41	Synthesis, characterization and antibacterial activity of new fluorescent chitosan derivatives. International Journal of Biological Macromolecules, 2014, 65, 234-240.	3.6	41
42	Utilization of High throughput microcrystalline cellulose decorated silver nanoparticles as an eco-nematicide on root-knot nematodes. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110805.	2.5	41
43	Bioscouring of linen fabric in comparison with conventional chemical treatment. Carbohydrate Polymers, 2008, 74, 707-711.	5.1	40
44	Antimycotic influence of β -cyclodextrin complexesâ€”In vitro measurements using laser nephelometry in microtiter plates. International Journal of Pharmaceutics, 2006, 311, 113-121.	2.6	37
45	Antimicrobial activity of monochlorotriazinyl- β -cyclodextrin/chlorohexidin diacetate finished cotton fabrics. Carbohydrate Polymers, 2011, 86, 1389-1394.	5.1	37
46	The efficiency of blackberry loaded AgNPs, AuNPs and Ag@AuNPs mediated pectin in the treatment of cisplatin-induced cardiotoxicity in experimental rats. International Journal of Biological Macromolecules, 2020, 159, 1084-1093.	3.6	37
47	Synthesis of Some Novel 2-Amino-5-arylazothiazole Disperse Dyes for Dyeing Polyester Fabrics and Their Antimicrobial Activity. Molecules, 2016, 21, 122.	1.7	33
48	Carboxymethyl cellulose supported green synthetic features of gold nanoparticles: Antioxidant, cell viability, and antibacterial effectiveness. Synthetic Metals, 2020, 269, 116553.	2.1	30
49	Synthesis, biological, anti-inflammatory activities and quantum chemical calculation of some [4-(2, 4, Tj ETQq1 1 0.784314 rgBT /Over 113, 357-371.	2.0	27
50	Dietary supplementation of silver-silica nanoparticles promotes histological, immunological, ultrastructural, and performance parameters of broiler chickens. Scientific Reports, 2021, 11, 4166.	1.6	27
51	Eco-friendly method for silver nanoparticles immobilized decorated silica: Synthesis & characterization and preliminary antibacterial activity. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 324-331.	2.7	26
52	Selective Colorimetric Detection of Fe (III) Using Metallochromic Tanninâ€”Impregnated Silica Strips. ChemistrySelect, 2018, 3, 12065-12071.	0.7	22
53	Synthesis, Solvatochromic Performance, pH Sensing, Dyeing Ability, and Antimicrobial Activity of Novel Hydrazone Dyestuffs. Journal of Chemistry, 2019, 2019, 1-10.	0.9	22
54	Repellency of controlled-release treated-cotton fabrics based on permethrin and bioallethrin against mosquitoes. Journal of the Textile Institute, 2009, 100, 695-701.	1.0	20

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55	Synthesis, Characterization, and Antimicrobial Activity of Poly(acrylonitrile-co-methyl methacrylate) with Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 643-654.	1.4	20
56	Synthesis of some new 2-((2,3-dihydroinden-1-ylidene)hydrazinyl)-4-methylthiazole derivatives for simultaneous dyeing and finishing for UV protective cotton fabrics. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2221-2228.	1.3	19
57	2-Amino-5-arylazothiazole-Based Derivatives: In Vitro Cytotoxicity, Antioxidant Properties, and Bleomycin-Dependent DNA Damage. <i>ChemistrySelect</i> , 2019, 4, 5570-5576.	0.7	18
58	Hyaluronic Acid/Oxidized δ -Carrageenan Electrospun Nanofibers Synthesis and Antibacterial Properties. <i>BioNanoScience</i> , 2021, 11, 687-695.	1.5	17
59	Combating atherosclerosis with targeted Diosmin nanoparticles-treated experimental diabetes. <i>Investigational New Drugs</i> , 2020, 38, 1303-1315.	1.2	16
60	Synthesis, structural chemistry and antimicrobial activity of α -(α) borneol derivative. <i>Open Chemistry</i> , 2010, 8, 1127-1133.	1.0	14
61	Eco-friendly Microwave Synthesis of Gold Nanoparticles for Attenuation of Brain Dysfunction in Diabetic Rats. <i>Journal of Cluster Science</i> , 2021, 32, 423-435.	1.7	11
62	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.	0.7	10
63	Cytotoxicity and Anti-Inflammatory Activity of Methylsulfonyl-triazoloquinazolines. <i>Molecules</i> , 2013, 18, 1434-1446.	1.7	9
64	Electrospinning of Functionalized Copolymer Nanofibers from Poly(acrylonitrile-co-methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	8
65	Oral administration of silver nanoparticles-adorned starch as a growth promotor in poultry: Immunological and histopathological study. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 830-839.	3.6	8
66	Synthesis of Pyrazolin-5-one Derivatives Clubbed with Thiazole and/or Thiadiazole and Evaluation of Their Antioxidant and Cytotoxic Activities. <i>ChemistrySelect</i> , 2019, 4, 11735-11739.	0.7	6
67	Synthesis of New Cyanopyridine Scaffolds and their Biological Activities. <i>Current Organic Synthesis</i> , 2020, 17, 567-575.	0.7	6
68	Synthesis of Some Biologically Active Pyrazolylphthalazine Derivatives and Acyclo-C-nucleosides of 6-(2,4,6-trimethylphenyl)-1,2,4-triazolo[3,4-a]phthalazine. <i>Asian Journal of Chemistry</i> , 2014, 26, 4405-4415.	0.1	4
69	Chemistry, 2014, 26, 7828-7832.	0.1	2
70	Synthesis of Bis(2-thiazolyl)amine Analogues and Evaluation of Their Antibacterial, Antioxidant and Cytotoxic Activities. <i>ChemistrySelect</i> , 2019, 4, 11726-11734.	0.7	2
71	Erratum to α -Synthesis, structural chemistry and antimicrobial activity of α -borneol derivative. <i>Open Chemistry</i> , 2011, 9, 367.	1.0	0