

Moustafa M G Fouda

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

2,977
citations

36
h-index

53
g-index

75
ext. papers

3,509
ext. citations

6.3
avg, IF

5.62
L-index

#	Paper	IF	Citations
70	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
69	Highly effective antibacterial textiles containing green synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2011 , 86, 936-940	10.3	192
68	Environmental synthesis of silver nanoparticles using hydroxypropyl starch and their characterization. <i>Carbohydrate Polymers</i> , 2011 , 86, 630-635	10.3	134
67	Antimicrobial activity of carboxymethyl chitosan/polyethylene oxide nanofibers embedded silver nanoparticles. <i>Carbohydrate Polymers</i> , 2013 , 92, 1012-7	10.3	109
66	Eco-friendly microwave-assisted green and rapid synthesis of well-stabilized gold and core-shell silver-gold nanoparticles. <i>Carbohydrate Polymers</i> , 2016 , 136, 1128-36	10.3	107
65	Preparation of durable insect repellent cotton fabric: Limonene as insecticide. <i>Carbohydrate Polymers</i> , 2008 , 74, 268-273	10.3	91
64	Wound healing of nanofiber comprising Polygalacturonic/Hyaluronic acid embedded silver nanoparticles: In-vitro and in-vivo studies. <i>Carbohydrate Polymers</i> , 2020 , 238, 116175	10.3	86
63	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
62	Preparation, characterization and cytotoxicity of schizophyllan/silver nanoparticle composite. <i>Carbohydrate Polymers</i> , 2014 , 102, 238-45	10.3	79
61	Mechanically Interlocked Molecules Assembled by [R]ecognition. <i>ChemPlusChem</i> , 2012 , 77, 159-185	2.8	78
60	One-step process for bio-scouring and peracetic acid bleaching of cotton fabric. <i>Carbohydrate Polymers</i> , 2009 , 78, 302-308	10.3	75
59	Ecofriendly Synthesis and Insecticidal Application of Copper Nanoparticles against the Storage Pest. <i>Nanomaterials</i> , 2020 , 10,	5.4	69
58	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	7.5	66
57	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	3	64
56	Green synthesis of easy care and antimicrobial cotton fabrics. <i>Carbohydrate Polymers</i> , 2011 , 86, 1684-1691	10.3	63
55	Repellency of controlled-release treated cotton fabrics based on cypermethrin and prallethrin. <i>Carbohydrate Polymers</i> , 2008 , 73, 92-97	10.3	60
54	Microwave curing for producing cotton fabrics with easy care and antibacterial properties. <i>Carbohydrate Polymers</i> , 2009 , 77, 651-655	10.3	54

53	Antibacterial activity of cationically modified cotton fabric with carboxymethyl chitosan. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 1289-1296	2.9	54
52	Deposition of durable thin silver layers onto polyamides employing a heterogeneous Tollens□ reaction. <i>Applied Surface Science</i> , 2010 , 256, 2337-2342	6.7	51
51	k-Carrageenan/poly vinyl pyrrolidone/polyethylene glycol/silver nanoparticles film for biomedical application. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 179-84	7.9	47
50	Removal of heavy metal using poly (N-vinyl imidazole)-grafted-carboxymethylated starch. <i>International Journal of Biological Macromolecules</i> , 2014 , 66, 289-94	7.9	43
49	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
48	Structure and properties of hydroxyapatite/hydroxyethyl cellulose acetate composite films. <i>Carbohydrate Polymers</i> , 2015 , 115, 170-6	10.3	42
47	Incorporation of chlorohexidin diacetate into cotton fabrics grafted with glycidyl methacrylate and cyclodextrin. <i>Carbohydrate Polymers</i> , 2010 , 79, 47-53	10.3	42
46	Co-encapsulation of enzyme and tricyanofuran hydrazone into alginate microcapsules incorporated onto cotton fabric as a biosensor for colorimetric recognition of urea. <i>Reactive and Functional Polymers</i> , 2019 , 142, 199-206	4.6	41
45	Development of Illuminant Glow-in-the-Dark Cotton Fabric Coated by Luminescent Composite with Antimicrobial Activity and Ultraviolet Protection. <i>Journal of Fluorescence</i> , 2019 , 29, 703-710	2.4	40
44	Antibacterial modification of cotton using nanotechnology. <i>Carbohydrate Polymers</i> , 2013 , 92, 943-54	10.3	40
43	Synthesis and antibacterial of carboxymethyl starch-grafted poly(vinyl imidazole) against some plant pathogens. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 1466-72	7.9	39
42	Synthesis, characterization and antibacterial activity of new fluorescent chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 234-40	7.9	38
41	Multifunctional finish and cotton cellulose fabric. <i>Carbohydrate Polymers</i> , 2011 , 86, 625-629	10.3	38
40	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,	5.4	37
39	Use of chitosan/polyamine biopolymers based cotton as a model system to prepare antimicrobial wound dressing. <i>International Journal of Diabetes Mellitus</i> , 2009 , 1, 61-64		37
38	Bioscouring of linen fabric in comparison with conventional chemical treatment. <i>Carbohydrate Polymers</i> , 2008 , 74, 707-711	10.3	37
37	Novel halochromic cellulose nanowhiskers from rice straw: Visual detection of urea. <i>Carbohydrate Polymers</i> , 2020 , 231, 115740	10.3	37
36	Synthesis and characterization of composite based on cellulose acetate and hydroxyapatite application to the absorption of harmful substances. <i>Carbohydrate Polymers</i> , 2014 , 111, 41-6	10.3	36

35	Improving easy care properties of cotton fabric via dual effect of ester and ionic crosslinking. <i>Carbohydrate Polymers</i> , 2011 , 86, 1692-1698	10.3	36
34	Antimicrobial activity of monochlorotriazinyl- β -cyclodextrin/chlorohexidin diacetate finished cotton fabrics. <i>Carbohydrate Polymers</i> , 2011 , 86, 1389-1394	10.3	36
33	Crosslinking of alginic acid/chitosan matrices using polycarboxylic acids and their utilization for sodium diclofenac release. <i>Carbohydrate Polymers</i> , 2008 , 73, 606-11	10.3	36
32	Controlled drug release from cross-linked β -carrageenan/hyaluronic acid membranes. <i>International Journal of Biological Macromolecules</i> , 2015 , 77, 322-9	7.9	35
31	Microencapsulation of lectin anti-cancer agent and controlled release by alginate beads, biosafety approach. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 88-94	7.9	35
30	Antimycotic influence of beta-cyclodextrin complexes--in vitro measurements using laser nephelometry in microtiter plates. <i>International Journal of Pharmaceutics</i> , 2006 , 311, 113-21	6.5	34
29	Assessment of silver nanoparticles decorated starch and commercial zinc nanoparticles with respect to their genotoxicity on onion. <i>International Journal of Biological Macromolecules</i> , 2019 , 133, 1008-1018	7.9	31
28	Impact of high throughput green synthesized silver nanoparticles on agronomic traits of onion. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 1304-1317	7.9	31
27	Wound dressing of chitosan-based-crosslinked gelatin/ polyvinyl pyrrolidone embedded silver nanoparticles, for targeting multidrug resistance microbes. <i>Carbohydrate Polymers</i> , 2021 , 255, 117484	10.3	27
26	Development of colorimetric cotton swab using molecular switching hydrazone probe in calcium alginate. <i>Journal of Molecular Structure</i> , 2020 , 1216, 128301	3.4	25
25	Utilization of High throughput microcrystalline cellulose decorated silver nanoparticles as an eco-nematicide on root-knot nematodes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110805	6	24
24	Synthesis of Some Novel 2-Amino-5-arylazothiazole Disperse Dyes for Dyeing Polyester Fabrics and Their Antimicrobial Activity. <i>Molecules</i> , 2016 , 21, E122	4.8	24
23	Eco-friendly method for silver nanoparticles immobilized decorated silica: Synthesis & characterization and preliminary antibacterial activity. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 95, 324-331	5.3	22
22	The efficiency of blackberry loaded AgNPs, AuNPs and Ag@AuNPs mediated pectin in the treatment of cisplatin-induced cardiotoxicity in experimental rats. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 1084-1093	7.9	22
21	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
20	Synthesis, characterization, and antimicrobial activity of poly(acrylonitrile-co-methyl methacrylate) with silver nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 643-54	3.2	18
19	Repellency of controlled-release treated-cotton fabrics based on permethrin and bioallethrin against mosquitoes. <i>Journal of the Textile Institute</i> , 2009 , 100, 695-701	1.5	18
18	Selective Colorimetric Detection of Fe (III) Using Metallochromic Tannin-Impregnated Silica Strips. <i>ChemistrySelect</i> , 2018 , 3, 12065-12071	1.8	16

17	Synthesis, Solvatochromic Performance, pH Sensing, Dyeing Ability, and Antimicrobial Activity of Novel Hydrazone Dyestuffs. <i>Journal of Chemistry</i> , 2019 , 2019, 1-10	2.3	15
16	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	2.9	15
15	Carboxymethyl cellulose supported green synthetic features of gold nanoparticles: Antioxidant, cell viability, and antibacterial effectiveness. <i>Synthetic Metals</i> , 2020 , 269, 116553	3.6	12
14	2-Amino-5-arylazothiazole-Based Derivatives: In Vitro Cytotoxicity, Antioxidant Properties, and Bleomycin-Dependent DNA Damage. <i>ChemistrySelect</i> , 2019 , 4, 5570-5576	1.8	10
13	Dietary supplementation of silver-silica nanoparticles promotes histological, immunological, ultrastructural, and performance parameters of broiler chickens. <i>Scientific Reports</i> , 2021 , 11, 4166	4.9	10
12	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
11	Synthesis, structural chemistry and antimicrobial activity of (-)-borneol derivative. <i>Open Chemistry</i> , 2010 , 8, 1127-1133	1.6	9
10	Electrospinning of Functionalized Copolymer Nanofibers from Poly(acrylonitrile-co -methyl methacrylate). <i>Advances in Polymer Technology</i> , 2013 , 32,	1.9	8
9	Combating atherosclerosis with targeted Diosmin nanoparticles-treated experimental diabetes. <i>Investigational New Drugs</i> , 2020 , 38, 1303-1315	4.3	6
8	Cytotoxicity and anti-inflammatory activity of methylsulfanyl-triazoloquinazolines. <i>Molecules</i> , 2013 , 18, 1434-46	4.8	6
7	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	1.8	5
6	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	3	5
5	Synthesis of New Cyanopyridine Scaffolds and their Biological Activities. <i>Current Organic Synthesis</i> , 2020 , 17, 567-575	1.9	4
4	Hyaluronic Acid/Oxidized Chondroitin-6-Sulfate Electrospun Nanofibers Synthesis and Antibacterial Properties. <i>BioNanoScience</i> , 2021 , 11, 687-695	3.4	2
3	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	7.9	2
2	Synthesis of Bis-(2-thiazolyl)amine Analogues and Evaluation of Their Antibacterial, Antioxidant and Cytotoxic Activities. <i>ChemistrySelect</i> , 2019 , 4, 11726-11734	1.8	1
1	Erratum to Synthesis, structural chemistry and antimicrobial activity of (-)- borneol derivative [Open Chemistry, 2011, 9, 367]	1.6	