

# T I Shaheen, Th I Shaheen, Tharwat I Shaheen

## List of Publications by Year in Descending Order

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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.

44  
papers

2,178  
citations

28  
h-index

44  
g-index

44  
ext. papers

2,646  
ext. citations

5.5  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
44	Size-tunable effect of CaCO <sub>3</sub> /nanocellulose hybrid composites on the removal of paracetamol from aqueous solution.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
43	Design of a dual pH and temperature responsive hydrogel based on esterified cellulose nanocrystals for potential drug release.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 278, 118925	10.3	8
42	In vivo assessment of the durable, green and in situ bio-functional cotton fabrics based carboxymethyl chitosan nano hybrid for wound healing application.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> ,	7.9	1
41	Facile extraction of nanosized $\beta$ -glucans from edible mushrooms and their antitumor activities. <i>Journal of Food Composition and Analysis</i> , <b>2022</b> , 104607	4.1	0
40	Unary and binary adsorption of anionic dye and toxic metal from wastewater using 3-aminopropyltriethoxysilane functionalized porous cellulose acetate microspheres. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 111996	5.3	1
39	Antibacterial, Cytotoxicity and Larvicidal Activity of Green Synthesized Selenium Nanoparticles Using <i>Penicillium corylophilum</i> . <i>Journal of Cluster Science</i> , <b>2021</b> , 32, 351-361	3	64
38	Current Advances in Fungal Nanobiotechnology: Mycofabrication and Applications. <i>Materials Horizons</i> , <b>2021</b> , 113-143	0.6	7
37	Formulation of re-dispersible dry o/w emulsions using cellulose nanocrystals decorated with metal/metal oxide nanoparticles.. <i>RSC Advances</i> , <b>2021</b> , 11, 32143-32151	3.7	3
36	Integration of Cotton Fabrics with Biosynthesized CuO Nanoparticles for Bactericidal Activity in the Terms of Their Cytotoxicity Assessment. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 1553-1563	3.9	47
35	Endophytic Mediated Green Synthesis of Ag-NPs with Antibacterial and Anticancer Properties for Developing Functional Textile Fabric Properties. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	60
34	Optimization of green biosynthesized visible light active CuO/ZnO nano-photocatalysts for the degradation of organic methylene blue dye. <i>Heliyon</i> , <b>2020</b> , 6, e04896	3.6	59
33	Bactericidal and In-Vitro Cytotoxic Efficacy of Silver Nanoparticles (Ag-NPs) Fabricated by Endophytic Actinomycetes and Their Use as Coating for the Textile Fabrics. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	74
32	Fungal strain impacts the shape, bioactivity and multifunctional properties of green synthesized zinc oxide nanoparticles. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2019</b> , 19, 101103	4.2	94
31	Investigation into the Role of Surface Modification of Cellulose Nanocrystals with Succinic Anhydride in Dye Removal. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 2419-2427	4.5	27
30	A New Facile Strategy for Multifunctional Textiles Development through In Situ Deposition of SiO <sub>2</sub> /TiO <sub>2</sub> Nanosols Hybrid. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 20203-20212	3.9	38
29	Effect of cellulose nanocrystals on scaffolds comprising chitosan, alginate and hydroxyapatite for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 121, 814-821	7.9	57
28	Synthesis, characterization and adsorption properties of microcrystalline cellulose based nanogel for dyes and heavy metals removal. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 113, 248-258	7.9	75

27	Production and sequential optimization of <i>Bacillus subtilis</i> MF467279 pullulanase by statistical experimental designs and evaluation of its desizing efficiency. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 14, 375-385	4.2	3
26	High performance fabrics via innovative reinforcement route using cellulose nanoparticles. <i>Journal of the Textile Institute</i> , <b>2018</b> , 109, 186-194	1.5	15
25	Sono-chemical synthesis of cellulose nanocrystals from wood sawdust using Acid hydrolysis. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 107, 1599-1606	7.9	74
24	Facile Development of Photoluminescent Textile Fabric via Spray Coating of Eu(II)-Doped Strontium Aluminate. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 11483-11492	3.9	50
23	In-situ green myco-synthesis of silver nanoparticles onto cotton fabrics for broad spectrum antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 118, 2121-2130	7.9	42
22	Green approach for one-pot synthesis of silver nanorod using cellulose nanocrystal and their cytotoxicity and antibacterial assessment. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 784-792	7.9	50
21	In-Vitro cytotoxicity, antibacterial, and UV protection properties of the biosynthesized Zinc oxide nanoparticles for medical textile applications. <i>Microbial Pathogenesis</i> , <b>2018</b> , 125, 252-261	3.8	130
20	Remediation of Cd(II) and reactive red 195 dye in wastewater by nanosized gels of grafted carboxymethyl cellulose. <i>Cellulose</i> , <b>2018</b> , 25, 6645-6660	5.5	42
19	Surface modification of SiO coated ZnO nanoparticles for multifunctional cotton fabrics. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 498, 413-422	9.3	102
18	Laminating of chemically modified silan based nanosols for advanced functionalization of cotton textiles. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 95, 429-437	7.9	43
17	Enhancing of cotton fabric antibacterial properties by silver nanoparticles synthesized by new Egyptian strain <i>Fusarium keratoplasticum</i> A1-3.. <i>Egyptian Journal of Chemistry</i> , <b>2017</b> , 60, 4-7	2	25
16	Silver Nanoparticles: Biosynthesis, Characterization and Application on Cotton Fabrics. <i>Microbiology Research Journal International</i> , <b>2017</b> , 20, 1-14	0.8	5
15	Eco-friendly microwave-assisted green and rapid synthesis of well-stabilized gold and core-shell silver-gold nanoparticles. <i>Carbohydrate Polymers</i> , <b>2016</b> , 136, 1128-36	10.3	107
14	Solid state synthesis of starch-capped silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 87, 70-6	7.9	62
13	Antibacterial Activities and UV Protection of the in Situ Synthesized Titanium Oxide Nanoparticles on Cotton Fabrics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 2661-2668	3.9	96
12	Novel nano polymeric system containing biosynthesized core shell silver/silica nanoparticles for functionalization of cellulosic based material. <i>Microsystem Technologies</i> , <b>2016</b> , 22, 979-992	1.7	36
11	Durable antibacterial and UV protections of in situ synthesized zinc oxide nanoparticles onto cotton fabrics. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 83, 426-32	7.9	106
10	Advancement in conductive cotton fabrics through in situ polymerization of polypyrrole-nanocellulose composites. <i>Carbohydrate Polymers</i> , <b>2016</b> , 151, 96-102	10.3	55

9	Antidiabetic assessment; in vivo study of gold and core-shell silver-gold nanoparticles on streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 83, 865-875	7.5	66
8	Nanosized carbamoylethylated cellulose as novel precursor for preparation of metal nanoparticles. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 276-284	2	19
7	Radically new cellulose nanocomposite hydrogels: Temperature and pH responsive characters. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 356-61	7.9	23
6	Thermal responsive hydrogels based on semi interpenetrating network of poly(NIPAm) and cellulose nanowhiskers. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 159-66	10.3	97
5	Development of cellulose nanowhisiker-polyacrylamide copolymer as a highly functional precursor in the synthesis of nanometal particles for conductive textiles. <i>Cellulose</i> , <b>2014</b> , 21, 3055-3071	5.5	34
4	Bio-synthesis and applications of silver nanoparticles onto cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 915-20	10.3	107
3	Antimicrobial effect of silver nanoparticles produced by fungal process on cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2010</b> , 80, 779-782	10.3	169
2	Benign Production of AgNPs/Bacterial Nanocellulose for Wound Healing Dress: Antioxidant, Cytotoxicity and In Vitro Studies. <i>Journal of Cluster Science</i> ,1	3	2
1	Nanotechnology for modern textiles: highlights on smart applications. <i>Journal of the Textile Institute</i> ,1-11	1.5	3