

# A Hebeish

## List of Publications by Citations

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36  
papers

2,244  
citations

24  
h-index

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g-index

36  
ext. papers

2,433  
ext. citations

6.5  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
36	Highly effective antibacterial textiles containing green synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 936-940	10.3	192
35	Antimicrobial wound dressing and anti-inflammatory efficacy of silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 65, 509-15	7.9	175
34	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
33	Environmental synthesis of silver nanoparticles using hydroxypropyl starch and their characterization. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 630-635	10.3	134
32	Bio-synthesis and applications of silver nanoparticles onto cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 915-20	10.3	107
31	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
30	Synthesis and characterization of novel carboxymethylcellulose hydrogels and carboxymethylcellulose-hydrogel-ZnO-nanocomposites. <i>Carbohydrate Polymers</i> , <b>2013</b> , 95, 421-7	10.3	106
29	Synthesis of carboxymethyl cellulose (CMC) and starch-based hybrids and their applications in flocculation and sizing. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 60-69	10.3	98
28	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
27	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
26	Preparation of durable insect repellent cotton fabric: Limonene as insecticide. <i>Carbohydrate Polymers</i> , <b>2008</b> , 74, 268-273	10.3	91
25	Ultra-Fine Characteristics of Starch Nanoparticles Prepared Using Native Starch With and Without Surfactant. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2014</b> , 24, 515-524	3.2	81
24	Synthesis, characterization, release kinetics and toxicity profile of drug-loaded starch nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 81, 718-29	7.9	74
23	Novel precursors for green synthesis and application of silver nanoparticles in the realm of cotton finishing. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 605-613	10.3	71
22	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
21	Green synthesis of easy care and antimicrobial cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 1684-1691	10.3	63
20	Solid state synthesis of starch-capped silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 87, 70-6	7.9	62

19	Cerium-initiated grafting of acrylonitrile onto cellulosic materials. <i>Journal of Applied Polymer Science</i> , <b>1968</b> , 12, 1625-1647	2.9	62
18	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
17	Nanostructural Features of Silver Nanoparticles Powder Synthesized through Concurrent Formation of the Nanosized Particles of Both Starch and Silver. <i>Journal of Nanotechnology</i> , <b>2013</b> , 2013, 1-10	3.5	43
16	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
15	Chemical modification of starch. II. Cyanoethylation. <i>Journal of Applied Polymer Science</i> , <b>1981</b> , 26, 171-176	6.9	31
14	Graft copolymerization of vinyl monomers on modified cottons. <i>European Polymer Journal</i> , <b>1970</b> , 6, 1575-1586	5.2	28
13	Ultra-microstructural features of perborate oxidized starch. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	27
12	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
11	Molecular Weight and Moisture Regain of Polyacrylonitrile Cellulose Graft Copolymers. <i>Textile Reseach Journal</i> , <b>1969</b> , 39, 99-100	1.7	20
10	Nanosized carbamoylethylated cellulose as novel precursor for preparation of metal nanoparticles. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 276-284	2	19
9	Development of improved nanosilver-based antibacterial textiles via synthesis of versatile chemically modified cotton fabrics. <i>Carbohydrate Polymers</i> , <b>2014</b> , 113, 455-62	10.3	19
8	Development of antimicrobial medical cotton fabrics using synthesized nanoemulsion of reactive cyclodextrin hosted coconut oil inclusion complex. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1486-1495	2	18
7	New textiles of biocidal activity by introduce insecticide in cotton-poly (GMA) copolymer containing ECd. <i>Carbohydrate Polymers</i> , <b>2014</b> , 99, 208-17	10.3	18
6	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
5	Factors Affecting the Technological Properties of Starch Carbamate. <i>Starch/Staerke</i> , <b>1991</b> , 43, 273-280	2.3	11
4	Cellulose thiocarbonate-ferric nitrate redox system induced graft copolymerization of vinyl monomers on to cotton fabric. <i>Polymer Degradation and Stability</i> , <b>1993</b> , 42, 223-230	4.7	11
3	Behaviour of Chemically Modified Cellulose towards Some Reactive Dyes. <i>Coloration Technology</i> , <b>2008</b> , 90, 352-357		9
2	Graft Copolymerization of Vinyl Monomers on Modified Cotton: Part V: Grafting to Crosslinked Cellulose. <i>Textile Reseach Journal</i> , <b>1972</b> , 42, 10-13	1.7	9

- 1 Synthesis and Characterization of Poly(Acrylic Acid) and Poly(Glycidyl Methacrylate) Chitosan Graft Copolymers and Their Application to Cotton Fabric. *Polymer-Plastics Technology and Engineering*, **2005**, 44, 427-445