

Mohammed El-Rafie

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.

36
papers

2,191
citations

21
h-index

36
g-index

36
ext. papers

2,407
ext. citations

6
avg, IF

5.04
L-index

#	Paper	IF	Citations
36	Antibacterial and anti-inflammatory finishing of cotton by microencapsulation using three marine organisms. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 59-64	7.9	8
35	Antibacterial Activities and UV Protection of the in Situ Synthesized Titanium Oxide Nanoparticles on Cotton Fabrics. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2661-2668	3.9	96
34	Room temperature synthesis of metallic nanosilver using acacia to impart durable biocidal effect on cotton fabrics. <i>Fibers and Polymers</i> , 2015 , 16, 1676-1687	2	46
33	Synthesis, characterization, release kinetics and toxicity profile of drug-loaded starch nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 718-29	7.9	74
32	Antimicrobial wound dressing and anti-inflammatory efficacy of silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 509-15	7.9	175
31	Alginate mediate for synthesis controllable sized AgNPs. <i>Carbohydrate Polymers</i> , 2014 , 111, 10-7	10.3	49
30	Facile size-regulated synthesis of silver nanoparticles using pectin. <i>Carbohydrate Polymers</i> , 2014 , 111, 971-8	10.3	69
29	Ultra-microstructural features of perborate oxidized starch. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	27
28	Facile Precursor for Synthesis of Silver Nanoparticles Using Alkali Treated Maize Starch. <i>International Scholarly Research Notices</i> , 2014 , 2014, 702396	0	26
27	Surface modification of cotton fabrics for antibacterial application by coating with AgNPs-alginate composite. <i>Carbohydrate Polymers</i> , 2014 , 108, 145-52	10.3	98
26	Ultra-Fine Characteristics of Starch Nanoparticles Prepared Using Native Starch With and Without Surfactant. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 515-524	3.2	81
25	Characterization of nanosilver coated cotton fabrics and evaluation of its antibacterial efficacy. <i>Carbohydrate Polymers</i> , 2014 , 107, 174-81	10.3	93
24	Green synthesis of silver nanoparticles using polysaccharides extracted from marine macro algae. <i>Carbohydrate Polymers</i> , 2013 , 96, 403-10	10.3	211
23	Nanostructural Features of Silver Nanoparticles Powder Synthesized through Concurrent Formation of the Nanosized Particles of Both Starch and Silver. <i>Journal of Nanotechnology</i> , 2013 , 2013, 1-10	3.5	43
22	Green Synthesis of Hydroxyethyl Cellulose-Stabilized Silver Nanoparticles. <i>Journal of Polymers</i> , 2013 , 2013, 1-11		10
21	Bio-synthesis and applications of silver nanoparticles onto cotton fabrics. <i>Carbohydrate Polymers</i> , 2012 , 90, 915-20	10.3	107
20	Polyacrylamide/guar gum graft copolymer for preparation of silver nanoparticles. <i>Carbohydrate Polymers</i> , 2011 , 85, 692-697	10.3	109

19	Environmental synthesis of silver nanoparticles using hydroxypropyl starch and their characterization. <i>Carbohydrate Polymers</i> , 2011 , 86, 630-635	10.3	134
18	Highly effective antibacterial textiles containing green synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2011 , 86, 936-940	10.3	192
17	Carboxymethyl cellulose for green synthesis and stabilization of silver nanoparticles. <i>Carbohydrate Polymers</i> , 2010 , 82, 933-941	10.3	201
16	Antimicrobial effect of silver nanoparticles produced by fungal process on cotton fabrics. <i>Carbohydrate Polymers</i> , 2010 , 80, 779-782	10.3	169
15	Utilization of hydroxypropyl cellulose and poly(acrylic acid)-hydroxypropyl cellulose composite as thickeners for textile printing. <i>Carbohydrate Polymers</i> , 2008 , 74, 938-941	10.3	39
14	Surface Characterization of Differently Pretreated Flax Fibers and Their Application in Fiber-Reinforced Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2007 , 47, 58-65		18
13	Single Bath Full Bleaching of Flax Fibers Using an Activated Sodium Chlorite/Hexamethylene Tetramine System. <i>Journal of Natural Fibers</i> , 2005 , 2, 49-67	1.8	16
12	Pentavalent vanadium ion-cellulose thiocarbonate redox-system induced grafting of methyl methacrylate and other vinyl monomers onto cotton fabric. <i>Journal of Applied Polymer Science</i> , 1993 , 50, 2099-2104	2.9	10
11	Behavior of chemically modified cottons towards thermal treatment. II. Cyanoethylated cotton. <i>Journal of Applied Polymer Science</i> , 1983 , 28, 311-326	2.9	6
10	Graft polymerization of methyl methacrylate onto wool using dimethylaniline/copper(II) system. <i>Journal of Applied Polymer Science</i> , 1982 , 27, 519-526	2.9	3
9	Pentavalent vanadium ion-induced grafting of methyl methacrylate onto cotton cellulose. <i>Journal of Applied Polymer Science</i> , 1981 , 26, 149-157	2.9	9
8	Effect of short thermal treatment on cotton degradation. <i>Journal of Applied Polymer Science</i> , 1979 , 23, 453-462	2.9	5
7	Behavior of chemically modified cellulose towards dyeing. IV. Dyeability of poly(methyl vinyl pyridine)-cellulose graft copolymers before and after treatment with epichlorohydrin. <i>Journal of Applied Polymer Science</i> , 1979 , 23, 3061-3069	2.9	6
6	Dyeing of chemically modified cellulose. IV. Dyeing of oxidized celluloses with some reactive and direct dyes. <i>Journal of Applied Polymer Science</i> , 1979 , 24, 385-394	2.9	2
5	Graft copolymerization of vinyl monomers onto modified cotton. IX. Hydrogen peroxide-thiourea dioxide redox system induced grafting of 2-methyl-5-vinylpyridine onto oxidized celluloses. <i>Journal of Applied Polymer Science</i> , 1978 , 22, 1853-1866	2.9	14
4	Redox-initiated graft copolymerization onto wool with thiourea as reductant. IV. Grafting of vinyl sulfone dyes onto wool using thiourea-H ₂ O ₂ redox system. <i>Journal of Applied Polymer Science</i> , 1978 , 22, 2253-2264	2.9	8
3	Graft copolymerization of vinyl monomers onto modified cottons. VIII. Dimethylaniline-Benzyl chloride-induced grafting of methyl methacrylate onto partially carboxymethylated cotton. <i>Journal of Applied Polymer Science</i> , 1977 , 21, 1901-1910	2.9	5
2	Grafting of nylon 66 with methyl methacrylate using dimethylaniline-Benzyl chloride-acetic acid initiating system. <i>Journal of Applied Polymer Science</i> , 1977 , 21, 1965-1970	2.9	4

1 Graft copolymerization of vinyl monomers on modified cottons □ *European Polymer Journal*, **1970**,
6, 1575-1586

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