Reza Mohammad Ali Malek

List of Publications by Year
in descending order

28 papers	673 citations	567281 15 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	862 citing authors

#	Article	IF	Citations
1	Salt free reactive dyeing of cationized cotton. Fibers and Polymers, 2007, 8, 608-612.	2.1	115
2	Ultrasound mediation for one-pot sonosynthesis and deposition of magnetite nanoparticles on cotton/polyester fabric as a novel magnetic, photocatalytic, sonocatalytic, antibacterial and antifungal textile. Ultrasonics Sonochemistry, 2016, 31, 257-266.	8.2	46
3	Preparation, characterization, and antimicrobial property of cotton cellulose fabric grafted with poly (propylene imine) dendrimer. Cellulose, 2012, 19, 1701-1714.	4.9	45
4	Modification of Î²-cyclodextrin with itaconic acid and application of the new derivative to cotton fabrics. Carbohydrate Polymers, 2012, 88, 950-958.	10.2	43
5	Fabrication of polyvinyl alcohol/multiâ€walled carbon nanotubes composite electrospun nanofibres and their application as microwave absorbing material. Micro and Nano Letters, 2013, 8, 455-459.	1.3	38
6	Dye adsorption of cotton fabric grafted with PPI dendrimers: Isotherm and kinetic studies. Journal of Environmental Management, 2015, 163, 53-61.	7.8	38
7	Fabrication of Thermal Intelligent Core/Shell Nanofibers by the Solution Coaxial Electrospinning Process. Advances in Polymer Technology, 2016, 35, .	1.7	37
8	Microwave absorption properties of polyaniline/poly(vinyl alcohol)/multi-walled carbon nanotube composites in thin film and nanofiber layer structures. Macromolecular Research, 2015, 23, 741-748.	2.4	36
9	Extraction, identification and sorption studies of dyes from madder on wool. Journal of Applied Polymer Science, 2009, 113, 3799-3808.	2.6	34
10	In situ synthesis of nano ZnO on starch sized cotton introducing nano photo active fabric optimized with response surface methodology. Carbohydrate Polymers, 2015, 132, 126-133.	10.2	34
11	In Situ Synthesis and Characterization of Nano ZnO on Wool: Influence of Nano Photo Reactor on Wool Properties. Photochemistry and Photobiology, 2013, 89, 1057-1063.	2.5	30
12	Properties of polyacrylonitrileâ€Nâ€(2â€hydroxy) propylâ€3â€trimethylammonium chitosan chloride blend films and fibers. Journal of Applied Polymer Science, 2008, 109, 545-554.	2.6	26
13	Effect of chemical oxidation treatment on dyeability of polypropylene. Dyes and Pigments, 2004, 63, 95-100.	3.7	25
14	The effect of diameter on the thermal properties of the modeled shape-stabilized phase change nanofibers (PCNs). Journal of Thermal Analysis and Calorimetry, 2014, 118, 1619-1629.	3.6	21
15	Thermal properties of cotton fabric modified with poly (propylene imine) dendrimers. Cellulose, 2013, 20, 3079-3091.	4.9	15
16	Salt-free dyeing isotherms of cotton fabric grafted with PPI dendrimers. Cellulose, 2015, 22, 897-910.	4.9	14
17	Comparative study of exhaustion and pad-steam methods for improvement of handle, dye uptake and water absorption of polyester/cotton fabric. Chemical Industry and Chemical Engineering Quarterly, 2011, 17, 359-365.	0.7	13
18	A Novel Semi-bionanofibers through Introducing Tragacanth Gum into PET Attaining Rapid Wetting and Degradation. Fibers and Polymers, 2018, 19, 2088-2096.	2.1	9

#	Article	IF	Citations
19	Modification of Silk Yarn with Î²â€Cyclodextrin Nanoparticles: Preparation, Characterization, and Natural Dyeing Properties. Starch/Staerke, 2021, 73, 2000209.	2.1	8
20	A Novel Polyester Fabric Treated with Nanoclay/Nano TiO2/PAMAM for Discoloration of Reactive Red 4 from Aqueous Solution Under UVA Irradiation. Journal of Polymers and the Environment, 2017, 25, 1321-1334.	5.0	6
21	Environmentally friendly sugar-based cationic surfactant as a new auxiliary in polyacrylonitrile dyeing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 552, 103-109.	4.7	4
22	Fabrication and characterization of three-layer nanofibrous yarn (PA6/PU/PA6). Polymer Bulletin, 0, , 1.	3.3	3
23	Synthesis of an ionic sugar-amino acid based surfactant in aqueous media. Journal of Molecular Liquids, 2020, 318, 114269.	4.9	3
24	Trial the microscopic images for determination of diffusion behavior of dyes in fibrous material. Journal of Applied Polymer Science, 2009, 112, 1030-1036.	2.6	2
25	Effect of processing conditions on producing a reactive derivative from Î²â€cyclodextrin with itaconic acid. Starch/Staerke, 2012, 64, 794-802.	2.1	2
26	A Novel Polyester Fabric Coated with Nanoclay for Discoloration of Reactive Red 4 Dye from Aqueous Solution. Oriental Journal of Chemistry, 2017, 33, 2023-2029.	0.3	2
27	Continuous dyeing and false-twist texturing of polyamide 6 yarns. Coloration Technology, 2006, 122, 124-127.	1.5	0
28	The effect of dendrimer on cotton dyeability with direct dyes. Chemical Industry and Chemical Engineering Quarterly, 2014, 20, 379-385.	0.7	0