

# Reza Mohammad Ali Malek

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

673  
citations

567281

15  
h-index

552781

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29  
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29  
docs citations

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times ranked

862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of Silk Yarn with $\beta$ -Cyclodextrin Nanoparticles: Preparation, Characterization, and Natural Dyeing Properties. <i>Starch/Staerke</i> , 2021, 73, 2000209.	2.1	8
2	Synthesis of an ionic sugar-amino acid based surfactant in aqueous media. <i>Journal of Molecular Liquids</i> , 2020, 318, 114269.	4.9	3
3	A Novel Semi-bionanofibers through Introducing Tragacanth Gum into PET Attaining Rapid Wetting and Degradation. <i>Fibers and Polymers</i> , 2018, 19, 2088-2096.	2.1	9
4	Environmentally friendly sugar-based cationic surfactant as a new auxiliary in polyacrylonitrile dyeing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 552, 103-109.	4.7	4
5	A Novel Polyester Fabric Treated with Nanoclay/Nano TiO <sub>2</sub> /PAMAM for Discoloration of Reactive Red 4 from Aqueous Solution Under UVA Irradiation. <i>Journal of Polymers and the Environment</i> , 2017, 25, 1321-1334.	5.0	6
6	A Novel Polyester Fabric Coated with Nanoclay for Discoloration of Reactive Red 4 Dye from Aqueous Solution. <i>Oriental Journal of Chemistry</i> , 2017, 33, 2023-2029.	0.3	2
7	Fabrication of Thermal Intelligent Core/Shell Nanofibers by the Solution Coaxial Electrospinning Process. <i>Advances in Polymer Technology</i> , 2016, 35, .	1.7	37
8	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. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 257-266.	8.2	46
9	Salt-free dyeing isotherms of cotton fabric grafted with PPI dendrimers. <i>Cellulose</i> , 2015, 22, 897-910.	4.9	14
10	Microwave absorption properties of polyaniline/poly(vinyl alcohol)/multi-walled carbon nanotube composites in thin film and nanofiber layer structures. <i>Macromolecular Research</i> , 2015, 23, 741-748.	2.4	36
11	In situ synthesis of nano ZnO on starch sized cotton introducing nano photo active fabric optimized with response surface methodology. <i>Carbohydrate Polymers</i> , 2015, 132, 126-133.	10.2	34
12	Dye adsorption of cotton fabric grafted with PPI dendrimers: Isotherm and kinetic studies. <i>Journal of Environmental Management</i> , 2015, 163, 53-61.	7.8	38
13	The effect of dendrimer on cotton dyeability with direct dyes. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 379-385.	0.7	0
14	The effect of diameter on the thermal properties of the modeled shape-stabilized phase change nanofibers (PCNs). <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1619-1629.	3.6	21
15	<i>In Situ</i> Synthesis and Characterization of Nano ZnO on Wool: Influence of Nano Photo Reactor on Wool Properties. <i>Photochemistry and Photobiology</i> , 2013, 89, 1057-1063.	2.5	30
16	Thermal properties of cotton fabric modified with poly (propylene imine) dendrimers. <i>Cellulose</i> , 2013, 20, 3079-3091.	4.9	15
17	Fabrication of polyvinyl alcohol/multi-walled carbon nanotubes composite electrospun nanofibres and their application as microwave absorbing material. <i>Micro and Nano Letters</i> , 2013, 8, 455-459.	1.3	38
18	Preparation, characterization, and antimicrobial property of cotton cellulose fabric grafted with poly (propylene imine) dendrimer. <i>Cellulose</i> , 2012, 19, 1701-1714.	4.9	45

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19	Effect of processing conditions on producing a reactive derivative from $\beta$ -cyclodextrin with itaconic acid. <i>Starch/Staerke</i> , 2012, 64, 794-802.	2.1	2
20	Modification of $\beta$ -cyclodextrin with itaconic acid and application of the new derivative to cotton fabrics. <i>Carbohydrate Polymers</i> , 2012, 88, 950-958.	10.2	43
21	Comparative study of exhaustion and pad-steam methods for improvement of handle, dye uptake and water absorption of polyester/cotton fabric. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2011, 17, 359-365.	0.7	13
22	Trial the microscopic images for determination of diffusion behavior of dyes in fibrous material. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1030-1036.	2.6	2
23	Extraction, identification and sorption studies of dyes from madder on wool. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3799-3808.	2.6	34
24	Properties of polyacrylonitrile-(2-hydroxy) propyl-trimethylammonium chitosan chloride blend films and fibers. <i>Journal of Applied Polymer Science</i> , 2008, 109, 545-554.	2.6	26
25	Salt free reactive dyeing of cationized cotton. <i>Fibers and Polymers</i> , 2007, 8, 608-612.	2.1	115
26	Continuous dyeing and false-twist texturing of polyamide 6 yarns. <i>Coloration Technology</i> , 2006, 122, 124-127.	1.5	0
27	Effect of chemical oxidation treatment on dyeability of polypropylene. <i>Dyes and Pigments</i> , 2004, 63, 95-100.	3.7	25
28	Fabrication and characterization of three-layer nanofibrous yarn (PA6/PU/PA6). <i>Polymer Bulletin</i> , 0, , 1.	3.3	3