

Majid Montazer

List of Publications by Year in descending order

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231
papers

9,121
citations

38660

50
h-index

58464

82
g-index

232
all docs

232
docs citations

232
times ranked

8021
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalization of cellulose fibers alongside growth of 2D LDH platelets through urea hydrolysis inspired Taro wettability. Carbohydrate Polymers, 2022, 275, 118584.	5.1	14
2	Single-step Synthesis and Characterization of Zr-MOF onto Wool Fabric: Preparation of Antibacterial Wound Dressing with High Absorption Capacity. Fibers and Polymers, 2022, 23, 404-412.	1.1	23
3	Synthesis and daylight photocatalytic properties of graphene/self-doped tin oxide/silver ternary nanocomposite on fabric surface. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 422, 113561.	2.0	9
4	Green Synthesis of Organo-Montmorillonite/Silver Nanocomposites on Dyed Cotton with Vat Dyes to Achieve Biocompatible Antibacterial Properties on Fashionable Clothing. Journal of Natural Fibers, 2022, 19, 10253-10268.	1.7	4
5	Multifunctional Composite Based on Cotton Fabric and Starch-Copper Ferrite Hydrogel Prepared through Facile Room Temperature Preparation Approach. Starch/Staerke, 2022, 74, .	1.1	7
6	Effect of aberrant DNA methylation on cancer stem cell properties. Experimental and Molecular Pathology, 2022, 125, 104757.	0.9	17
7	Highly stretchable conductive fabric using knitted cotton/lycra treated with polypyrrole/silver NPs composites post-treated with PEDOT:PSS. Journal of Industrial Textiles, 2022, 51, 4571S-4588S.	1.1	6
8	Diverse-shaped ZnO nanoparticles on polyester fabric through assorted <i>in situ</i> methods: studying plasma treatment order and different alkali media. Journal of the Textile Institute, 2021, 112, 1788-1803.	1.0	4
9	Biologically active PET/polysaccharide-based nanofibers post-treated with selenium/Tragacanth Gum nanobiocomposites. Carbohydrate Polymers, 2021, 251, 117125.	5.1	8
10	Flower buds like PVA/ZnO composite nanofibers assembly: Antibacterial, <i>in vivo</i> wound healing, cytotoxicity and histological studies. Polymer Testing, 2021, 93, 106914.	2.3	53
11	Innovative preparation of bacterial cellulose/silver nanocomposite hydrogels: <i>In situ</i> green synthesis, characterization, and antibacterial properties. Journal of Applied Polymer Science, 2021, 138, 49824.	1.3	35
12	Clean Sono-synthesis of ZnO on Cotton/Nylon Fabric Using Dopamine: Photocatalytic, Hydrophilic, Antibacterial Features. Fibers and Polymers, 2021, 22, 97-108.	1.1	11
13	Water-soluble electrospun strip based on the PVP/PVA/ mint extract modified with chitosan-glucosamine for the improvement of water quality. Journal of Polymer Research, 2021, 28, 1.	1.2	5
14	The role of DNA damage response in chemo- and radio-resistance of cancer cells: Can DDR inhibitors solve the problem?. DNA Repair, 2021, 101, 103074.	1.3	15
15	Copper Sonosensitization and Nickel Electroless Sonoplatin on Polyester Fabric Generating Conductive, Magnetic and Antibacterial Properties. Fibers and Polymers, 2021, 22, 1556-1568.	1.1	4
16	Cotton fabric incorporated with β -cyclodextrin/ketoconazole/Ag NPs generating outstanding antifungal and antibacterial performances. Cellulose, 2021, 28, 8095-8113.	2.4	8
17	Dual-functioning core@shell nanofiber strip for enhancing drinking water quality: Polysulfone/graphene oxide adsorbent core layer and polyvinylpyrrolidone/mint sacrificial shell layer. Journal of Applied Polymer Science, 2021, 138, 51291.	1.3	0
18	PCM nanofibrous composites based on PEG/PVA incorporated by TiO ₂ /Ag nanoparticles for thermal energy management. Journal of Applied Polymer Science, 2021, 138, 51357.	1.3	16

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19	Stable ZnO/SiO ₂ nano coating on polyester for anti-bacterial, self-cleaning and flame retardant applications. <i>Materials Chemistry and Physics</i> , 2021, 267, 124674.	2.0	18
20	Biomedical Applicable Cellulose Fabric Modified with Zirconium-Based Metal-Organic Frameworks (Zr-MOFs). <i>Starch/Staerke</i> , 2021, 73, 2100120.	1.1	14
21	Facile technique for wool coloration via locally forming of nano selenium photocatalyst imparting antibacterial and UV protection properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 153-164.	2.9	18
22	Preparation of long-lasting antibacterial wound dressing through diffusion of cationic-liposome-encapsulated polyhexamethylene biguanide. <i>Reactive and Functional Polymers</i> , 2021, 169, 105092.	2.0	16
23	Bio and photoactive starch/MnO ₂ and starch/MnO ₂ /cotton hydrogel nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 681-692.	3.6	9
24	Dual metal oxide loaded cotton/polyester fabric with photo, bio and magnetic properties. <i>Journal of Industrial Textiles</i> , 2020, 50, 170-186.	1.1	5
25	Dyeing of cotton fabric with antibacterial properties using direct dye and CTAB. <i>Journal of Natural Fibers</i> , 2020, 17, 223-234.	1.7	5
26	A cleaner and one-step approach for robust coloration of polyester fibers via hydrophobic magnetically recoverable photocatalyst fatty acids/nano iron oxide coating. <i>Journal of Cleaner Production</i> , 2020, 244, 118673.	4.6	15
27	Photo and Bio Activities of Magnetic Electrospun Recycled Polyester Mat. <i>Journal of Polymers and the Environment</i> , 2020, 28, 3235-3243.	2.4	2
28	Denim Fabric with Flame retardant, hydrophilic and self-cleaning properties conferring by in-situ synthesis of silica nanoparticles. <i>Cellulose</i> , 2020, 27, 6643-6661.	2.4	18
29	High-Performance Electromagnetic Interference Shielding Electrodes/Substrates for Wearable Electronics. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 12774-12783.	1.8	10
30	Shape-stable thermo-responsive nano Fe ₃ O ₄ /fatty acids/PET composite phase-change material for thermal energy management and saving applications. <i>Applied Energy</i> , 2020, 262, 114501.	5.1	44
31	Low-temperature assembling of naturally driven copper ferrite starch nanocomposites hydrogel with magnetic and antibacterial activities. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48961.	1.3	11
32	MOF-modified polyester fabric coated with reduced graphene oxide/polypyrrole as electrode for flexible supercapacitors. <i>Electrochimica Acta</i> , 2020, 336, 135743.	2.6	45
33	Ketoconazole and Ketoconazole/ β -cyclodextrin performance on cotton wound dressing as fungal skin treatment. <i>Carbohydrate Polymers</i> , 2020, 240, 116267.	5.1	26
34	Click Electroless Plating and Sonoplatin of Polyester with Copper Nanoparticles Producing Conductive Fabric. <i>Fibers and Polymers</i> , 2020, 21, 522-531.	1.1	19
35	In situ synthesis of polyamidoamine/ β -cyclodextrin/silver nanocomposites on polyester fabric tailoring drug delivery and antimicrobial properties. <i>Reactive and Functional Polymers</i> , 2020, 152, 104602.	2.0	12
36	Functional cotton fabric using hollow glass microspheres: Focus on thermal insulation, flame retardancy, UV-protection and acoustic performance. <i>Progress in Organic Coatings</i> , 2020, 141, 105553.	1.9	39

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37	Comparison of the Outcome of Low Dose and High-Dose Corticosteroid in the Treatment of Idiopathic Granulomatous Mastitis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 993-996.	0.5	27
38	The role of hypothyroidism in weaning patients from mechanical ventilation: a clinical trail. <i>Journal of Research in Clinical Medicine</i> , 2020, 8, 42-42.	0.3	1
39	In Situ Nanoassembly of Mg-Al Layered Double Hydroxide on Polyester Fabric Surface: Mechanism, Tunable Wettability, and Boosted Thermal Features. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 16532-16540.	1.8	8
40	A coloured polyester fabric with antimicrobial properties conferred by copper nanoparticles. <i>Coloration Technology</i> , 2019, 135, 427-438.	0.7	11
41	A practical approach to load CuO/MnO ₂ core/shell nanostructures on textiles through in situ wet chemical synthesis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123998.	2.3	11
42	Surface Functionalization of Polyester Fibers via One-step Green Formation and Assembling of Iron Oxide Nanoparticles with Photo and Magneto Activities. <i>Fibers and Polymers</i> , 2019, 20, 951-960.	1.1	6
43	One-step preparation of magnetically responsive nano CuFe ₂ O ₄ /fatty acids/polyester composite for dynamic thermal energy management applications. <i>Renewable Energy</i> , 2019, 143, 1839-1851.	4.3	26
44	Electroconductive modification of polyethylene terephthalate fabric with nano carbon black and washing fastness improvement by dopamine self-polymerized layer. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48035.	1.3	11
45	Facile fabrication of cytocompatible polyester fiber composite incorporated via photocatalytic nano copper ferrite/myristic-lauric fatty acids coating with antibacterial and hydrophobic performances. <i>Materials Science and Engineering C</i> , 2019, 104, 109888.	3.8	12
46	Click electroless plating of nickel nanoparticles on polyester fabric: Electrical conductivity, magnetic and EMI shielding properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 571, 110-124.	2.3	65
47	A textile-based wearable supercapacitor using reduced graphene oxide/polypyrrole composite. <i>Electrochimica Acta</i> , 2019, 305, 187-196.	2.6	125
48	Synthesis of wearable and flexible NiPO ₁ -SnO _x /PANI/CuO/cotton towards a non-enzymatic glucose sensor. <i>Biosensors and Bioelectronics</i> , 2019, 135, 192-199.	5.3	80
49	Novel conductive polyester using PEDOT:PSS, carbon black nanoparticles stabilized with vinyl acrylate copolymer. <i>Synthetic Metals</i> , 2019, 247, 268-275.	2.1	7
50	Smart photoactive soft materials for environmental cleaning and energy production through incorporation of nanophotocatalyst on polymers and textiles. <i>Polymers for Advanced Technologies</i> , 2019, 30, 235-253.	1.6	17
51	Synthesis of applicable hydrogel corn silk/ZnO nanocomposites on polyester fabric with antimicrobial properties and low cytotoxicity. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1079-1090.	3.6	41
52	Capacitance performance boost of cellulose-derived carbon nanofibers via carbon and silver nanoparticles. <i>Cellulose</i> , 2019, 26, 2499-2512.	2.4	18
53	Microwave absorption characterization and wettability of magnetic nano iron oxide/recycled PET nanofibers web. <i>Journal of the Textile Institute</i> , 2019, 110, 989-999.	1.0	11
54	A novel controlled release system based on Tragacanth nanofibers loaded Peppermint oil. <i>Carbohydrate Polymers</i> , 2019, 205, 589-595.	5.1	27

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55	Low toxic antibacterial application with hydrophobic properties on polyester through facile and clean fabrication of nano copper with fatty acid. <i>Materials Science and Engineering C</i> , 2019, 97, 177-187.	3.8	30
56	Relationships Among Personality Traits, Anxiety, Depression, Hopelessness, and Quality of Life in Patients with Breast Cancer. , 2019, 12, 60-71.		1
57	Frequency of Chlamydia trachomatis Infection in Spontaneous Abortion of Infertile Women During First Pregnancy Referred to Tabriz University of Medical Sciences by Nested PCR Method in 2015. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2019, 7, 526-230.	0.2	0
58	Design and psychometrics cultural competence questionnaire for health promotion of Iranian nurses. <i>Journal of Education and Health Promotion</i> , 2019, 8, 155.	0.3	1
59	A modified microemulsion method for fabrication of hydrogel Tragacanth nanofibers. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 317-323.	3.6	22
60	Surface modification of PET fabric through in-situ reduction and cross-linking of graphene oxide: Towards developing durable conductive fabric coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 545, 16-25.	2.3	22
61	A new method for in situ synthesis of Ag@TiO ₂ nanocomposite particles on polyester/cellulose fabric by photoreduction and self-cleaning properties. <i>Cellulose</i> , 2018, 25, 2355-2366.	2.4	53
62	Preparation and characterization of biocompatible silver nanoparticles using pomegranate peel extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 98-104.	1.7	77
63	Novel cellulose fabric with multifunctional properties through diverse methods of Ag/TiO ₂ /β-cyclodextrin nanocomposites synthesis. <i>Cellulose</i> , 2018, 25, 1449-1462.	2.4	13
64	A protective polyester fabric with magnetic properties using mixture of carbonyl iron and nano carbon black along with aluminium sputtering. <i>Journal of Industrial Textiles</i> , 2018, 47, 674-685.	1.1	21
65	Zinc oxide nano particles coating on polyester fabric functionalized through alkali treatment. <i>Journal of Industrial Textiles</i> , 2018, 47, 1006-1023.	1.1	43
66	Formulation and characterization of alprazolam-loaded nanoliposomes: screening of process variables and optimizing characteristics using RSM. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 296-305.	0.9	14
67	In-Situ sonosynthesis of Hedgehog-like nickel nanoparticles on polyester fabric producing magnetic properties. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 679-688.	3.8	20
68	Rapid Discoloration of Methyl Orange in Water by Conductive Cu/Cu ₂ O/rGO Modified Polyester Fabric. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2502-2513.	2.4	4
69	A Comparison of Continuous Thoracic Epidural Analgesia with Bupivacaine Versus Bupivacaine and Dexmedetomidine for Pain Control in Patients with Multiple Rib Fractures. <i>Anesthesiology and Pain Medicine</i> , 2018, 8, e60805.	0.5	16
70	A Novel Semi-bionanofibers through Introducing Tragacanth Gum into PET Attaining Rapid Wetting and Degradation. <i>Fibers and Polymers</i> , 2018, 19, 2088-2096.	1.1	9
71	In-situ Synthesis of SiO ₂ Nanoparticles on Polyester Fabric as Benign Multi-purpose Catalysts. <i>Fibers and Polymers</i> , 2018, 19, 2564-2573.	1.1	7
72	Glass nanofibrous yarn through electrospinning along with in situ synthesis of silver nanoparticles. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 528-540.	1.1	1

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73	Environmentally friendly low cost approach for nano copper oxide functionalization of cotton designed for antibacterial and photocatalytic applications. <i>Journal of Cleaner Production</i> , 2018, 204, 425-436.	4.6	61
74	Fabrication of electrically conductive superparamagnetic fabric with microwave attenuation, antibacterial properties and UV protection using PEDOT/magnetite nanoparticles. <i>Materials and Design</i> , 2018, 160, 34-47.	3.3	41
75	Carbon black enhanced conductivity, carbon yield and dye adsorption of sustainable cellulose derived carbon nanofibers. <i>Cellulose</i> , 2018, 25, 5227-5240.	2.4	27
76	One-step fabrication of fatty acids/nano copper/polyester shape-stable composite phase change material for thermal energy management and storage. <i>Applied Energy</i> , 2018, 228, 1911-1920.	5.1	56
77	Bacteria Elimination and SO ₂ Filtration Using Spacer Fabric Loaded With Natural Zeolite-Nanosilver Composites. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700240.	0.7	1
78	Scalable, eco-friendly and simple strategy for nano-functionalization of textiles using immobilized copper-based nanoparticles. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2119-2133.	2.1	24
79	Obtention of 74:26 polyester/cellulose fabric blend with super-hydrophobic and super-hydrophilic properties by air corona discharge treatment and their characterization. <i>Carbohydrate Polymers</i> , 2018, 198, 17-25.	5.1	18
80	TiO ₂ /Fe ₃ O ₄ /Ag nanophotocatalysts in solar fuel production: New approach to using a flexible lightweight sustainable textile fabric. <i>Journal of Cleaner Production</i> , 2018, 196, 688-697.	4.6	16
81	Association Between Disease Severity and Calcium Concentration in Critically Ill Patients Admitted to Intensive Care Unit. <i>Anesthesiology and Pain Medicine</i> , 2018, In Press, e57583.	0.5	8
82	Atorvastatin and carnitine combination versus atorvastatin alone impacts on the lipid profile of haemodialyzed patients: A randomised clinical trial. <i>Journal of Analytical Research in Clinical Medicine</i> , 2018, 6, 165-171.	0.1	0
83	Protein and silver nitrate interaction during finer wool production: enhancing tensile properties along with synthesis of nano silver. <i>Journal of the Textile Institute</i> , 2017, 108, 78-83.	1.0	8
84	Application of nanotechnology in sports clothing and flooring for enhanced sport activities, performance, efficiency and comfort: a review. <i>Journal of Industrial Textiles</i> , 2017, 46, 1147-1169.	1.1	55
85	Ultrasound irradiation based in-situ synthesis of star-like Tragacanth gum/zinc oxide nanoparticles on cotton fabric. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 458-465.	3.8	91
86	Sonoloading of nano-TiO ₂ on sono-alkali hydrolyzed polyester fabric. <i>Journal of the Textile Institute</i> , 2017, 108, 117-122.	1.0	7
87	Amidohydroxylated polyester with biophotoactivity along with retarding alkali hydrolysis through in situ synthesis of Cu ₂ O nanoparticles using diethanolamine. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	22
88	Application of sonochemical technique for sustainable surface modification of polyester fibers resulting in durable nano-sonofinishing. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 158-168.	3.8	29
89	Preparation of nano cationic liposome as carrier membrane for polyhexamethylene biguanide chloride through various methods utilizing higher antibacterial activities with low cell toxicity. <i>Journal of Microencapsulation</i> , 2017, 34, 121-131.	1.2	23
90	A novel biocompatible antibacterial product: Nanoliposomes loaded with poly(hexamethylene) Tj ETQqO O O rgBT /Overlock 10 Tf 50 62	0.8	12

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91	Electro-conductivity, bioactivity and UV protection of graphene oxide-treated cellulosic/polyamide fabric using inorganic and organic reducing agents. <i>Journal of the Textile Institute</i> , 2017, 108, 1777-1786.	1.0	10
92	In-situ sonosynthesis of cobblestone-like ZnO nanoparticles on cotton/polyester fabric improving photo, bio and sonocatalytic activities along with low toxicity and enhanced mechanical properties. <i>Materials Science in Semiconductor Processing</i> , 2017, 66, 92-98.	1.9	10
93	Tragacanth nanocapsules containing Chamomile extract prepared through sono-assisted W/O/W microemulsion and UV cured on cotton fabric. <i>Carbohydrate Polymers</i> , 2017, 170, 234-240.	5.1	22
94	Decorating silver nanoparticles on electrospun cellulose nanofibers through a facile method by dopamine and ultraviolet irradiation. <i>Cellulose</i> , 2017, 24, 3179-3190.	2.4	29
95	Polyester modification through synthesis of copper nanoparticles in presence of triethanolamine optimized with response surface methodology. <i>Fibers and Polymers</i> , 2017, 18, 434-444.	1.1	24
96	Low temperature welding of graphene on PET with silver nanoparticles producing higher durable electro-conductive fabric. <i>Carbon</i> , 2017, 118, 443-451.	5.4	66
97	A Novel Polyester Fabric Treated with Nanoclay/Nano TiO ₂ /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.	2.4	6
98	Photo and biocatalytic activities along with UV protection properties on polyester fabric through green in - situ synthesis of cauliflower-like CuO nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 176, 100-111.	1.7	65
99	Wearable supercapacitors on polyethylene terephthalate fabrics with good wash fastness and high flexibility. <i>Journal of Power Sources</i> , 2017, 367, 34-41.	4.0	32
100	Cationization of cellulose/polyamide on UV protection, bioactivity, and electroconductivity of graphene oxide-treated fabric. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45493.	1.3	11
101	Antibacterial, UV protective and ammonia sensing functionalized polyester fabric through in situ synthesis of cuprous oxide nanoparticles. <i>Fibers and Polymers</i> , 2017, 18, 1269-1279.	1.1	39
102	Biosynthesis of nano cupric oxide on cotton using <i>Seidlitzia rosmarinus</i> ashes utilizing bio, photo, acid sensing and leaching properties. <i>Carbohydrate Polymers</i> , 2017, 177, 1-12.	5.1	34
103	A cleaner route for nanocolouration of wool fabric via green assembling of cupric oxide nanoparticles along with antibacterial and UV protection properties. <i>Journal of Cleaner Production</i> , 2017, 166, 221-231.	4.6	58
104	Multifunctional colored polyester fabric treated with dopamine hydrochloride at room temperature: higher tensile, hydrophilicity and anti-bacterial properties along with aminolysis. <i>Fibers and Polymers</i> , 2017, 18, 1915-1923.	1.1	7
105	In-situ synthesis of nano-copper on denim garment along with nano-clay for antibacterial and decoloration purposes. <i>Cellulose</i> , 2017, 24, 4083-4095.	2.4	12
106	Herbal products on cellulosic fabric with controlled release: comparison of in situ encapsulation and UV curing of the prepared nanocapsules. <i>Cellulose</i> , 2017, 24, 4033-4043.	2.4	16
107	Simultaneous nano TiO ₂ sensitization, application and stabilization on polyester fabric using madder and NaOH producing enhanced self-cleaning with hydrophilic properties under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 158-166.	2.0	18
108	Reduction of 4-nitrophenol to 4-aminophenol over sonoimmobilized silver/reduced graphene oxide nanocomposites on polyester fabric. <i>Fibers and Polymers</i> , 2017, 18, 2287-2297.	1.1	6

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109	Comparison of pressure vs. volume controlled ventilation on oxygenation parameters of obese patients undergoing laparoscopic cholecystectomy. <i>Pakistan Journal of Medical Sciences</i> , 2017, 33, 1117-1122.	0.3	9
110	Combination of intracostal sutures with muscle flap to decrease post thoracotomy pain: A single blinded randomized clinical trial. <i>Pakistan Journal of Medical Sciences</i> , 2017, 33, 42-47.	0.3	2
111	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.	0.1	2
112	Double strain probiotic effect on infection treatment: A double-blinded randomized controlled trial. <i>Caspian Journal of Internal Medicine</i> , 2017, 8, 165-171.	0.1	5
113	Reduced graphene oxide/SnO ₂ nanocomposite on PET surface: Synthesis, characterization and application as an electro-conductive and ultraviolet blocking textile. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 507-513.	2.3	37
114	Clean low-temperature in situ synthesis of durable silver nanoparticles along with aminolysis of polyester fabric using dopamine hydrochloride. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2019-2026.	2.1	15
115	<i>In Situ</i> Photo Sonosynthesis of Organic/Inorganic Nanocomposites on Wool Fabric Introducing Multifunctional Properties. <i>Photochemistry and Photobiology</i> , 2016, 92, 76-86.	1.3	11
116	A robust friendly nano-encapsulated plant extract in hydrogel Tragacanth gum on cotton fabric through one single step in-situ synthesis and fabrication. <i>Cellulose</i> , 2016, 23, 2561-2572.	2.4	18
117	Tunable functional properties on polyester fabric using simultaneous green reduction of graphene oxide and silver nitrate. <i>Fibers and Polymers</i> , 2016, 17, 1359-1370.	1.1	25
118	Micro/nanoencapsulation of essential oils and fragrances: Focus on perfumed, antimicrobial, mosquito-repellent and medical textiles. <i>Journal of Microencapsulation</i> , 2016, 33, 497-510.	1.2	105
119	Encapsulation of Aloe Vera extract into natural Tragacanth Gum as a novel green wound healing product. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 344-349.	3.6	68
120	Biocompatible Stabilize Silver Nanoparticles and Their Antimicrobial Activity. <i>Advanced Science Letters</i> , 2016, 22, 616-621.	0.2	3
121	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.	3.8	46
122	Nano-photo active cellulosic fabric through in situ phytosynthesis of star-like Ag/ZnO nanocomposites: Investigation and optimization of attributes associated with photocatalytic activity. <i>Carbohydrate Polymers</i> , 2016, 141, 116-125.	5.1	51
123	Influence of Nano Colloidal Silver in Dyeing of Wool with Acid Blue 92: Isotherm Adsorption, Kinetic Studies and Dyed Wool Characterization. <i>Journal of Natural Fibers</i> , 2016, 13, 204-214.	1.7	3
124	Tunable shaped N-doped CuO nanoparticles on cotton fabric through processing conditions: synthesis, antibacterial behavior and mechanical properties. <i>Cellulose</i> , 2016, 23, 2229-2243.	2.4	37
125	Antibacterial and anti-inflammatory drug delivery properties on cotton fabric using betamethasone-loaded mesoporous silica particles stabilized with chitosan and silicone softener. <i>Drug Delivery</i> , 2016, 23, 2946-2955.	2.5	28
126	Electrical conductivity of different carbon nanotubes on wool fabric: An investigation on the effects of different dispersing agents and pretreatments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 497, 81-89.	2.3	18

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127	A novel cotton fabric with anti-bacterial and drug delivery properties using SBA-15-NH ₂ /polysiloxane hybrid containing tetracycline. <i>Materials Science and Engineering C</i> , 2016, 59, 429-437.	3.8	29
128	A novel multifunctional cotton fabric using ZnO ₂ NPs/urea/CTAB/MA/SHP: introducing flame retardant, photoactive and antibacterial properties. <i>Journal of the Textile Institute</i> , 2016, 107, 1253-1263.	1.0	19
129	Tragacanth gum biopolymer as reducing and stabilizing agent in biosynthesis of urchin-like ZnO nanorod arrays: A low cytotoxic photocatalyst with antibacterial and antifungal properties. <i>Carbohydrate Polymers</i> , 2016, 136, 232-241.	5.1	66
130	Aminolysis of polyethylene terephthalate surface along with in situ synthesis and stabilizing ZnO nanoparticles using triethanolamine optimized with response surface methodology. <i>Materials Science and Engineering C</i> , 2016, 58, 495-503.	3.8	30
131	Enhanced Self-Cleaning Properties on Polyester Fabric Under Visible Light Through Single-Step Synthesis of Cuprous Oxide Doped Nano-TiO ₂ . <i>Photochemistry and Photobiology</i> , 2015, 91, 1078-1087.	1.3	34
132	The Isotherms, Kinetics, and Thermodynamics of Acid Dye on Nylon6 with Different Amounts of Titania and Fiber Cross Sectional Shape. <i>Journal of Engineered Fibers and Fabrics</i> , 2015, 10, 155892501501000.	0.5	6
133	In situ photo sonosynthesis and characterize nonmetal/metal dual doped honeycomb-like ZnO nanocomposites on wool fabric. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 200-209.	3.8	37
134	In-situ sonosynthesis of nano N-doped ZnO on wool producing fabric with photo and bio activities, cell viability and enhanced mechanical properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 103-115.	1.7	37
135	Discoloration of denim garment with color free effluent using montmorillonite based nano clay and enzymes: nano bio-treatment on denim garment. <i>Journal of Cleaner Production</i> , 2015, 91, 208-215.	4.6	34
136	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.	5.1	34
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