

Majid Montazer

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.

298
papers

8,690
citations

50
h-index

78
g-index

304
ext. papers

9,786
ext. citations

4.7
avg, IF

7.09
L-index

#	Paper	IF	Citations
298	Functionalization of cellulose fibers alongside growth of 2D LDH platelets through urea hydrolysis inspired Taro wettability. <i>Carbohydrate Polymers</i> , 2022 , 275, 118584	10.3	2
297	Synthesis and daylight photocatalytic properties of graphene/self-doped tin oxide/silver ternary nanocomposite on fabric surface. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 422, 113561	4.7	2
296	Nanomodification of polyester fabric surface: Higher performances of synthesized CuFe ₂ O ₄ comparing with CuO and Fe ₃ O ₄ NPs. <i>Materials Chemistry and Physics</i> , 2022 , 283, 126039	4.4	0
295	Biotextiles and their applications for drug release 2022 , 255-284		
294	Preparation of long-lasting antibacterial wound dressing through diffusion of cationic-liposome-encapsulated polyhexamethylene biguanide. <i>Reactive and Functional Polymers</i> , 2021 , 169, 105092	4.6	4
293	Bio and photoactive starch/MnO and starch/MnO/cotton hydrogel nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 681-692	7.9	1
292	Water-soluble electrospun strip based on the PVP/PVA/ mint extract modified with chitosan-glucosamine for the improvement of water quality. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	0
291	Copper Sonosensitization and Nickel Electroless Sonoplatting on Polyester Fabric Generating Conductive, Magnetic and Antibacterial Properties. <i>Fibers and Polymers</i> , 2021 , 22, 1556	2	1
290	Cotton fabric incorporated with β -cyclodextrin/ketoconazole/Ag NPs generating outstanding antifungal and antibacterial performances. <i>Cellulose</i> , 2021 , 28, 8095-8113	5.5	0
289	Dual-functioning core@shell nanofiber strip for enhancing drinking water quality: Polysulfone/graphene oxide adsorbent core layer and polyvinylpyrrolidone/mint sacrificial shell layer. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51291	2.9	
288	PCM nanofibrous composites based on PEG/PVA incorporated by TiO ₂ /Ag nanoparticles for thermal energy management. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51357	2.9	2
287	Biologically active PET/polysaccharide-based nanofibers post-treated with selenium/Tragacanth Gum nanobiocomposites. <i>Carbohydrate Polymers</i> , 2021 , 251, 117125	10.3	5
286	Flower buds like PVA/ZnO composite nanofibers assembly: Antibacterial, in vivo wound healing, cytotoxicity and histological studies. <i>Polymer Testing</i> , 2021 , 93, 106914	4.5	24
285	Innovative preparation of bacterial cellulose/silver nanocomposite hydrogels: In situ green synthesis, characterization, and antibacterial properties. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49824	2.9	14
284	Clean Sono-synthesis of ZnO on Cotton/Nylon Fabric Using Dopamine: Photocatalytic, Hydrophilic, Antibacterial Features. <i>Fibers and Polymers</i> , 2021 , 22, 97-108	2	5
283	Thermal energy storage and management applications through engineered fibrous material 2021 , 277-306		1
282	A green technology for cellulose nanofibers production 2021 , 137-152		

281	Layered double hydroxides and their potential applications in engineered fibrous materials 2021 , 307-333		
280	Low starch/corn silk/ZnO as environmentally friendly nanocomposites assembling on PET fabrics. <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 780-792	7.9	8
279	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	4.4	5
278	Biomedical Applicable Cellulose Fabric Modified with Zirconium-Based Metal-Organic Frameworks (Zr-MOFs). <i>Starch/Staerke</i> , 2021 , 73, 2100120	2.3	3
277	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	6.3	4
276	Engineered fibrous materials toward solar fuel production and environmental remediation 2021 , 261-276		
275	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	5.5	6
274	High-Performance Electromagnetic Interference Shielding Electrodes/Substrates for Wearable Electronics. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 12774-12783	3.9	6
273	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	10.7	27
272	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	2.9	6
271	MOF-modified polyester fabric coated with reduced graphene oxide/polypyrrole as electrode for flexible supercapacitors. <i>Electrochimica Acta</i> , 2020 , 336, 135743	6.7	28
270	Ketoconazole and Ketoconazole/β-cyclodextrin performance on cotton wound dressing as fungal skin treatment. <i>Carbohydrate Polymers</i> , 2020 , 240, 116267	10.3	15
269	Click Electroless Plating and Sonoplatting of Polyester with Copper Nanoparticles Producing Conductive Fabric. <i>Fibers and Polymers</i> , 2020 , 21, 522-531	2	7
268	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	4.8	22
267	Diverse-shaped ZnO nanoparticles on polyester fabric through assorted in situ methods: studying plasma treatment order and different alkali media. <i>Journal of the Textile Institute</i> , 2020 , 1-16	1.5	3
266	Photo and Bio Activities of Magnetic Electrospun Recycled Polyester Mat. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 3235-3243	4.5	0
265	Dual metal oxide loaded cotton/polyester fabric with photo, bio and magnetic properties. <i>Journal of Industrial Textiles</i> , 2020 , 50, 170-186	1.6	2
264	Dyeing of cotton fabric with antibacterial properties using direct dye and CTAB. <i>Journal of Natural Fibers</i> , 2020 , 17, 223-234	1.8	2

263	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	10.3	10
262	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	4.6	5
261	Antibacterial nanocoatings 2020 , 399-413		2
260	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	5.1	8
259	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	2	3
258	Microwave absorption and photocatalytic properties of magnetic nickel nanoparticles/recycled PET nanofibers web. <i>Journal of the Textile Institute</i> , 2019 , 110, 1606-1614	1.5	9
257	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	8.1	17
256	Electro-conductive 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	2.9	7
255	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	8.3	6
254	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	5.1	37
253	A textile-based wearable supercapacitor using reduced graphene oxide/polypyrrole composite. <i>Electrochimica Acta</i> , 2019 , 305, 187-196	6.7	74
252	Synthesis of wearable and flexible NiP-SnO/PANI/CuO/cotton towards a non-enzymatic glucose sensor. <i>Biosensors and Bioelectronics</i> , 2019 , 135, 192-199	11.8	48
251	In situ incorporation and loading of copper nanoparticles into a palmitic/lauric phase-change material on polyester fibers. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 46951	2.9	14
250	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	3.9	5
249	A coloured polyester fabric with antimicrobial properties conferred by copper nanoparticles. <i>Coloration Technology</i> , 2019 , 135, 427-438	2	3
248	Novel conductive polyester using PEDOT:PSS, carbon black nanoparticles stabilized with vinyl acrylate copolymer. <i>Synthetic Metals</i> , 2019 , 247, 268-275	3.6	6
247	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	3.2	13
246	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	7.9	29

245	Capacitance performance boost of cellulose-derived carbon nanofibers via carbon and silver nanoparticles. <i>Cellulose</i> , 2019 , 26, 2499-2512	5.5	10
244	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	1.5	8
243	A novel controlled release system based on Tragacanth nanofibers loaded Peppermint oil. <i>Carbohydrate Polymers</i> , 2019 , 205, 589-595	10.3	17
242	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	8.3	20
241	A modified microemulsion method for fabrication of hydrogel Tragacanth nanofibers. <i>International Journal of Biological Macromolecules</i> , 2018 , 115, 317-323	7.9	17
240	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	5.1	17
239	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	5.5	36
238	Preparation and characterization of biocompatible silver nanoparticles using pomegranate peel extract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 179, 98-104	6.7	50
237	Novel cellulose fabric with multifunctional properties through diverse methods of Ag/TiO ₂ /βcyclodextrin nanocomposites synthesis. <i>Cellulose</i> , 2018 , 25, 1449-1462	5.5	9
236	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	1.6	12
235	Zinc oxide nano particles coating on polyester fabric functionalized through alkali treatment. <i>Journal of Industrial Textiles</i> , 2018 , 47, 1006-1023	1.6	27
234	Reducing drag force on polyester fabric through superhydrophobic surface via nano-pretreatment and water repellent finishing. <i>Journal of the Textile Institute</i> , 2018 , 109, 92-97	1.5	15
233	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	3.6	10
232	Introduction: Textile finishing 2018 , 1-17		2
231	Nanofinishing: Fundamental principles 2018 , 19-34		1
230	Nanoscouring 2018 , 35-50		1
229	Nanobleaching 2018 , 51-64		
228	Nanosurface activation 2018 , 65-82		2

227	Nanosoftening 2018 , 83-94		0
226	Nanocoating and lamination 2018 , 95-107		
225	Nanocrosslinking 2018 , 109-125		
224	Nanofinishes for self-cleaning textiles 2018 , 127-143		0
223	Antimicrobial textile nanofinishes 2018 , 145-161		0
222	Flame-retardant textile nanofinishes 2018 , 163-181		
221	Waterproof nanofinishes for textiles 2018 , 197-202		
220	Antifouling and soil-repellent nanofinishes 2018 , 203-210		
219	Sensing nanofinishes for textiles 2018 , 211-223		
218	Magnetic nanofinishes for textiles 2018 , 225-240		3
217	Conductive nanofinishes for textiles 2018 , 241-263		
216	Nanofinishes for protective textiles 2018 , 265-294		1
215	Nanoencapsulation techniques for textile finishing 2018 , 295-310		1
214	Health, safety, and environmental aspects of textile nanofinishing 2018 , 311-318		2
213	Future trends in textile nanofinishing 2018 , 319-325		
212	Carbon black enhanced conductivity, carbon yield and dye adsorption of sustainable cellulose derived carbon nanofibers. <i>Cellulose</i> , 2018 , 25, 5227-5240	5.5	13
211	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	10.7	37
210	Bacteria Elimination and SO ₂ Filtration Using Spacer Fabric Loaded With Natural Zeolite-Nanosilver Composites. <i>Clean - Soil, Air, Water</i> , 2018 , 46, 1700240	1.6	

209	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	4.3	16
208	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	10.3	13
207	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	10.3	12
206	In-Situ sonosynthesis of Hedgehog-like nickel nanoparticles on polyester fabric producing magnetic properties. <i>Ultrasonics Sonochemistry</i> , 2018 , 42, 679-688	8.9	15
205	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	4.5	3
204	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	9
203	In-situ Synthesis of SiO ₂ Nanoparticles on Polyester Fabric as Benign Multi-purpose Catalysts. <i>Fibers and Polymers</i> , 2018 , 19, 2564-2573	2	6
202	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	2.3	1
201	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, 425-438	10.3	39
200	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	8.1	18
199	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	1.5	7
198	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	1.6	36
197	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	8.9	69
196	Sonoloding of nano-TiO ₂ on sono-alkali hydrolyzed polyester fabric. <i>Journal of the Textile Institute</i> , 2017 , 108, 117-122	1.5	6
195	Amidohydroxylated polyester with biophotoactivity along with retarding alkali hydrolysis through in situ synthesis of Cu/Cu ₂ O nanoparticles using diethanolamine. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	17
194	Application of sonochemical technique for sustainable surface modification of polyester fibers resulting in durable nano-sonofinishing. <i>Ultrasonics Sonochemistry</i> , 2017 , 37, 158-168	8.9	21
193	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	3.4	17
192	A novel biocompatible antibacterial product: Nanoliposomes loaded with poly(hexamethylene biguanide chloride). <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 242-262	2	7

191	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	1.5	8
190	New approaches and future aspects of antibacterial food packaging: from nanoparticles coating to nanofibers and nanocomposites, with foresight to address the regulatory uncertainty 2017 , 533-565		9
189	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	4.3	9
188	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	10.3	18
187	Decorating silver nanoparticles on electrospun cellulose nanofibers through a facile method by dopamine and ultraviolet irradiation. <i>Cellulose</i> , 2017 , 24, 3179-3190	5.5	23
186	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	2	19
185	Low temperature welding of graphene on PET with silver nanoparticles producing higher durable electro-conductive fabric. <i>Carbon</i> , 2017 , 118, 443-451	10.4	51
184	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	4.5	4
183	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	6.7	47
182	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	0.8	1
181	Wearable supercapacitors on polyethylene terephthalate fabrics with good wash fastness and high flexibility. <i>Journal of Power Sources</i> , 2017 , 367, 34-41	8.9	20
180	Cationization of cellulose/polyamide on UV protection, bio-activity, and electro-conductivity of graphene oxide-treated fabric. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45493	2.9	9
179	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	2	31
178	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	10.3	23
177	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	10.3	45
176	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	2	5
175	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	5.5	9
174	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	5.5	12

173	Optimization of Wool Slenderizing Along with In-situ Synthesis of Silver Nanoparticles Using BoxBehnken Design. <i>Journal of Natural Fibers</i> , 2017 , 14, 175-184	1.8	3
172	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	4.7	15
171	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	2	4
170	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, 232-41	10.3	51
169	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	8.3	25
168	Fabrication of nano-TiO ₂ /carbon nanotubes and nano-TiO ₂ /nanocarbon black on alkali hydrolyzed polyester producing photoactive conductive fabric. <i>Journal of the Textile Institute</i> , 2016 , 107, 95-106	1.5	3
167	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	7.9	60
166	Biocompatible Stabilize Silver Nanoparticles and Their Antimicrobial Activity. <i>Advanced Science Letters</i> , 2016 , 22, 616-621	0.1	3
165	Tragacanth gum/nano silver hydrogel on cotton fabric: In-situ synthesis and antibacterial properties. <i>Carbohydrate Polymers</i> , 2016 , 154, 257-66	10.3	57
164	A novel polyvinyl alcoholTragacanth/nano silver hydrogel on polyester fabric through in situ synthesis method. <i>Journal of Industrial Textiles</i> , 2016 , 45, 1635-1651	1.6	19
163	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, 257-66	8.9	35
162	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, 116-25	10.3	40
161	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	1.8	3
160	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	5.5	28
159	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	7	22
158	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	5.1	14
157	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	8.3	20
156	A novel multifunctional cotton fabric using ZrO ₂ NPs/urea/CTAB/MA/SHP: introducing flame retardant, photoactive and antibacterial properties. <i>Journal of the Textile Institute</i> , 2016 , 107, 1253-1263 ¹⁻⁵	1.5	15

155	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	5.1	29
154	Simultaneous encapsulation and stabilization of Aloe vera extract on cotton fabric for wound dressing application. <i>RSC Advances</i> , 2016 , 6, 111895-111902	3.7	29
153	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	4.3	12
152	In Situ Photo Sonosynthesis of Organic/Inorganic Nanocomposites on Wool Fabric Introducing Multifunctional Properties. <i>Photochemistry and Photobiology</i> , 2016 , 92, 76-86	3.6	10
151	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	5.5	15
150	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	2	19
149	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	3.4	71
148	Conductive nylon fabric through in situ synthesis of nano-silver: Preparation and characterization. <i>Materials Science and Engineering C</i> , 2015 , 56, 341-7	8.3	52
147	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, 126-33	10.3	30
146	Simultaneous sonosynthesis and sonofabrication of N-doped ZnO/TiO ₂ core-shell nanocomposite on wool fabric: Introducing various properties specially nano photo bleaching. <i>Ultrasonics Sonochemistry</i> , 2015 , 27, 10-21	8.9	32
145	A robust super-paramagnetic TiO ₂ :Fe ₃ O ₄ :Ag nanocomposite with enhanced photo and bio activities on polyester fabric via one step sonosynthesis. <i>Ultrasonics Sonochemistry</i> , 2015 , 27, 543-551	8.9	47
144	Novel method for synthesis of silver nanoparticles and their application on wool. <i>Applied Surface Science</i> , 2015 , 346, 477-483	6.7	34
143	The role of cellulosic chains of cotton in biosynthesis of ZnO nanorods producing multifunctional properties: Mechanism, characterizations and features. <i>Carbohydrate Polymers</i> , 2015 , 126, 122-9	10.3	89
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130	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, 103-15	6.7	31
129	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	10.3	24
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