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List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

195
citations

1162889
8
h-index

1058333
14
g-index

18
all docs

18
docs citations

18
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Embedment of silver into temperature- and pH-responsive microgel for the development of smart textiles with simultaneous moisture management and controlled antimicrobial activities. Carbohydrate Polymers, 2017, 159, 161-170.	5.1	31
2	Antibacterial Activity and Biodegradation of Cellulose Fiber Blends with Incorporated ZnO. Materials, 2019, 12, 3399.	1.3	29
3	Multifunctional antibacterial and ultraviolet protective cotton cellulose developed by in situ biosynthesis of silver nanoparticles into a polysiloxane matrix mediated by sumac leaf extract. Applied Surface Science, 2021, 563, 150361.	3.1	25
4	Structural optimisation of a multifunctional water- and oil-repellent, antibacterial, and flame-retardant sol-gel coating on cellulose fibres. Cellulose, 2017, 24, 1511-1528.	2.4	22
5	Combining polyNiPAAm/chitosan microgel and bio-barrier polysiloxane matrix to create smart cotton fabric with responsive moisture management and antibacterial properties: influence of the application process. Journal of Sol-Gel Science and Technology, 2017, 83, 19-34.	1.1	12
6	Stimuli-responsive Hydrogels for Textile Functionalisation: A Review. Tekstilec, 2017, 60, 76-96.	0.3	12
7	Smart Stimuli-Responsive Polylactic Acid-Hydrogel Fibers Produced via Electrospinning. Fibers and Polymers, 2019, 20, 1857-1868.	1.1	11
8	Influence of non-thermal plasma treatment on the adsorption of a stimuli-responsive nanogel onto polyethylene terephthalate fabric. Progress in Organic Coatings, 2018, 120, 198-207.	1.9	9
9	Bio-Based Epoxy Adhesives with Lignin-Based Aromatic Monophenols Replacing Bisphenol A. Polymers, 2021, 13, 3879.	2.0	7
10	Tailoring of temperature- and pH-responsive cotton fabric with antimicrobial activity: Effect of the concentration of a bio-barrier-forming agent. Carbohydrate Polymers, 2017, 174, 677-687.	5.1	6
11	Comparison of responsive behaviour of smart PLA fabrics applied with temperature and pH responsive microgel and nanogel. Progress in Organic Coatings, 2018, 124, 213-223.	1.9	6
12	Influence of the Prepolymer Type and Synthesis Parameters on Self-Healing Anticorrosion Properties of Composite Coatings Containing Isophorone Diisocyanate-Loaded Polyurethane Microcapsules. Polymers, 2021, 13, 840.	2.0	6
13	Influence of the structure of a bio-barrier forming agent on the stimuli-response and antimicrobial activity of a "smart" non-cytotoxic cotton fabric. Cellulose, 2018, 25, 6231-6245.	2.4	5
14	Proactive Release of Antimicrobial Essential Oil from a "Smart" Cotton Fabric. Coatings, 2019, 9, 242.	1.2	5
15	New Insights into Antibacterial and Antifungal Properties, Cytotoxicity and Aquatic Ecotoxicity of Flame Retardant PA6/DOPO-Derivative Nanocomposite Textile Fibers. Polymers, 2021, 13, 905.	2.0	5
16	Application of Stimuli Responsive Microgel for Creation of Smart Cotton Fabric with Antibacterial Properties. Tekstilec, 2016, 59, 142-148.	0.3	2
17	Influence of crosslinker structure on performance of functionalised organic-inorganic hybrid sol-gel coating. IOP Conference Series: Materials Science and Engineering, 2017, 254, 122013.	0.3	1
18	Preparation of Functional Stimuli-responsive Polyamide 6 Fabric with ZnO Incorporated Microgel. Tekstilec, 2018, 61, 14-26.	0.3	1