

Xia Dong

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

441
citations

932766

10
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713013

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26
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel kinetics model for the crosslinking reaction of 1,2,3,4-butanetetracarboxylic acid with cellulose within cotton fabrics. <i>Cellulose</i> , 2021, 28, 5071-5085.	2.4	11
2	Diffusion of polyethyleneimine with different molecular weights into cotton fibers at low concentration. <i>Cellulose</i> , 2021, 28, 3997-4008.	2.4	7
3	Effect of AgNP distribution on the cotton fiber on the durability of antibacterial cotton fabrics. <i>Cellulose</i> , 2021, 28, 9489-9504.	2.4	12
4	Reactive Dyeing of Cationized Cotton Fabric: The Effect of Cationization Level. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12355-12364.	3.2	21
5	Energy capacity enhancement of all-organic fabric supercapacitors by organic dyes: Old method for new application. <i>Progress in Organic Coatings</i> , 2020, 138, 105439.	1.9	6
6	A lightweight 3D Zn@Cu nanosheets@activated carbon cloth as long-life anode with large capacity for flexible zinc ion batteries. <i>Journal of Power Sources</i> , 2020, 480, 228871.	4.0	67
7	Electrochemical synthesis of Na _{0.25} MnO ₂ @ACC cathode and Zn@K-ACC anode for flexible quasi-solid-state zinc-ion battery with superior performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 15943-15953.	1.1	5
8	Wet-spinning fabrication of multi-walled carbon nanotubes reinforced poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) hybrid fibers for high-performance fiber-shaped supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19293-19308.	1.1	9
9	Alkali cation incorporated MnO ₂ cathode and carbon cloth anode for flexible aqueous supercapacitor with high wide-voltage and power density. <i>Electrochimica Acta</i> , 2020, 342, 136046.	2.6	29
10	Durable Hydrophilic Modification of Wool Scales with Reactive Surfactants in Saturated Neutral Salt System. <i>Fibers and Polymers</i> , 2020, 21, 2769-2779.	1.1	3
11	Fabrication of highly conductive and multifunctional polyester fabrics by spray-coating with PEDOT:PSS solutions. <i>Progress in Organic Coatings</i> , 2018, 121, 89-96.	1.9	39
12	Properties and toughening mechanisms of PVA/PAM double-network hydrogels prepared by freeze-thawing and anneal-swelling. <i>Materials Science and Engineering C</i> , 2017, 77, 1017-1026.	3.8	105
13	Controlled in situ graft polymerization of DMAEMA onto cotton surface via SI-ARGET ATRP for low-adherent wound dressings. <i>Cellulose</i> , 2017, 24, 5211-5224.	2.4	33
14	Controlled fabrication of polymeric Janus nanoparticles and their solution behaviors. <i>RSC Advances</i> , 2016, 6, 105070-105075.	1.7	6
15	Polymeric Janus nanoparticles from triblock terpolymer micellar dimers. <i>RSC Advances</i> , 2015, 5, 104223-104227.	1.7	10
16	Polymer-grafted modification of cotton fabrics by SI-ARGET ATRP. <i>Fibers and Polymers</i> , 2015, 16, 1478-1486.	1.1	19
17	Physicochemical and emulsifying properties of extended-triblock copolymers. <i>Colloid and Polymer Science</i> , 2015, 293, 369-379.	1.0	7
18	Preparation of multicompart ment micelles from amphiphilic linear triblock terpolymers by pH-responsive self-assembly. <i>Colloid and Polymer Science</i> , 2015, 293, 3013-3024.	1.0	4

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19	Effect of NaCl concentrations on the photodecoloration of reactive azo-dyes and their cotton dyeings. <i>Textile Research Journal</i> , 2014, 84, 2140-2148.	1.1	8
20	Concentrations and fluxes of dissolved uranium in the Yellow River estuary: seasonal variation and anthropogenic (Water-Sediment Regulation Scheme) impact. <i>Journal of Environmental Radioactivity</i> , 2014, 128, 38-46.	0.9	24
21	A new dye-modified poly(ethylene oxide)-poly(propylene oxide) polymer used as a dispersant for CI Disperse Red 60. <i>Coloration Technology</i> , 2013, 129, 377-384.	0.7	6
22	pH-Sensitive Dye-Polyether Derivatives as Dispersants for Its Parent Dye. Part 2: Dispersion Stability and Dyeing Performance. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 1188-1194.	1.3	4
23	pH-Sensitive Dye-Polyether Derivatives as Dispersants for Its Parent Dye. Part 1: Synthesis and Hydrolysis Behavior. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 750-755.	1.3	5
24	Synthesis of Block Terpolymer PS-PDMAEMA-PMMA via ATRP and its Self-Assembly in Selective Solvents. <i>Advanced Materials Research</i> , 0, 1049-1050, 137-141.	0.3	1