Xia Dong

List of Publications by Year in descending order

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24 papers	441 citations	932766 10 h-index	713013 21 g-index
26 all docs	26 docs citations	26 times ranked	523 citing authors

#	Article	IF	Citations
1	Properties and toughening mechanisms of PVA/PAM double-network hydrogels prepared by freeze-thawing and anneal-swelling. Materials Science and Engineering C, 2017, 77, 1017-1026.	3.8	105
2	A lightweight 3D Zn@Cu nanosheets@activated carbon cloth as long-life anode with large capacity for flexible zinc ion batteries. Journal of Power Sources, 2020, 480, 228871.	4.0	67
3	Fabrication of highly conductive and multifunctional polyester fabrics by spray-coating with PEDOT:PSS solutions. Progress in Organic Coatings, 2018, 121, 89-96.	1.9	39
4	Controlled in situ graft polymerization of DMAEMA onto cotton surface via SI-ARGET ATRP for low-adherent wound dressings. Cellulose, 2017, 24, 5211-5224.	2.4	33
5	Alkali cation incorporated MnO2 cathode and carbon cloth anode for flexible aqueous supercapacitor with high wide-voltage and power density. Electrochimica Acta, 2020, 342, 136046.	2.6	29
6	Concentrations and fluxes of dissolved uranium in the Yellow River estuary: seasonal variation and anthropogenic (Water-Sediment Regulation Scheme) impact. Journal of Environmental Radioactivity, 2014, 128, 38-46.	0.9	24
7	Reactive Dyeing of Cationized Cotton Fabric: The Effect of Cationization Level. ACS Sustainable Chemistry and Engineering, 2021, 9, 12355-12364.	3.2	21
8	Polymer-grafted modification of cotton fabrics by SI-ARGET ATRP. Fibers and Polymers, 2015, 16, 1478-1486.	1.1	19
9	Effect of AgNP distribution on the cotton fiber on the durability of antibacterial cotton fabrics. Cellulose, 2021, 28, 9489-9504.	2.4	12
10	Novel kinetics model for the crosslinking reaction of 1,2,3,4-butanetetracarboxylic acid with cellulose within cotton fabrics. Cellulose, 2021, 28, 5071-5085.	2.4	11
11	Polymeric Janus nanoparticles from triblock terpolymer micellar dimers. RSC Advances, 2015, 5, 104223-104227.	1.7	10
12	Wet-spinning fabrication of multi-walled carbon nanotubes reinforced poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) hybrid fibers for high-performance fiber-shaped supercapacitor. Journal of Materials Science: Materials in Electronics, 2020, 31, 19293-19308.	1.1	9
13	Effect of NaCl concentrations on the photodecoloration of reactive azo-dyes and their cotton dyeings. Textile Reseach Journal, 2014, 84, 2140-2148.	1.1	8
14	Physicochemical and emulsifying properties of â€œextendedâ€•triblock copolymers. Colloid and Polymer Science, 2015, 293, 369-379.	1.0	7
15	Diffusion of polyethyleneimine with different molecular weights into cotton fibers at low concentration. Cellulose, 2021, 28, 3997-4008.	2.4	7
16	A new dye-modified poly(ethylene oxide)-poly(propylene oxide) polymer used as a dispersant for CI Disperse Red 60. Coloration Technology, 2013, 129, 377-384.	0.7	6
17	Controlled fabrication of polymeric Janus nanoparticles and their solution behaviors. RSC Advances, 2016, 6, 105070-105075.	1.7	6
18	Energy capacity enhancement of all-organic fabric supercapacitors by organic dyes: Old method for new application. Progress in Organic Coatings, 2020, 138, 105439.	1.9	6

#	Article	IF	Citations
19	pH-Sensitive Dye-Polyether Derivatives as Dispersants for Its Parent Dye. Part 1: Synthesis and Hydrolysis Behavior. Journal of Dispersion Science and Technology, 2010, 31, 750-755.	1.3	5
20	Electrochemical synthesis of Na0.25MnO2@ACC cathode and Zn@K-ACC anode for flexible quasi-solid-state zinc-ion battery with superior performance. Journal of Materials Science: Materials in Electronics, 2020, 31, 15943-15953.	1.1	5
21	pH-Sensitive Dye-Polyether Derivatives as Dispersants for Its Parent Dye. Part 2: Dispersion Stability and Dyeing Performance. Journal of Dispersion Science and Technology, 2010, 31, 1188-1194.	1.3	4
22	Preparation of multicompartment micelles from amphiphilic linear triblock terpolymers by pH-responsive self-assembly. Colloid and Polymer Science, 2015, 293, 3013-3024.	1.0	4
23	Durable Hydrophilic Modification of Wool Scales with Reactive Surfactants in Saturated Neutral Salt System. Fibers and Polymers, 2020, 21, 2769-2779.	1.1	3
24	Synthesis of Block Terpolymer PS-PDMAEMA-PMMA via ATRP and its Self-Assembly in Selective Solvents. Advanced Materials Research, 0, 1049-1050, 137-141.	0.3	1