Zhenyun Zhao

List of Publications by Year
in descending order

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21	538	840776 11	794594 19
papers	citations	h-index	g-index

21	21	21	393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyester fabrics coated with cupric hydroxide and cellulose for the treatment of kitchen oily wastewater. Chemosphere, 2022, 302, 134840.	8.2	10
2	Facile in Situ Growth of Cu(OH)‹sub›2‹/sub› on Cotton Fabric for Oil/Water Separation. Journal of Natural Fibers, 2022, 19, 13180-13191.	3.1	1
3	Transparent and stretchable high-output triboelectric nanogenerator for high-efficiency self-charging energy storage systems. Nano Energy, 2021, 87, 106210.	16.0	28
4	Designing flexible, smart and self-sustainable supercapacitors for portable/wearable electronics: from conductive polymers. Chemical Society Reviews, 2021, 50, 12702-12743.	38.1	227
5	Fabrication of special wettability functionalized Mg(OH)2@cotton fabric for oil/water mixtures and emulsions separation. Cellulose, 2020, 27, 7739-7749.	4.9	12
6	An ecoâ€friendly method based on the selfâ€glue effect of keratins for preparing Fe 3 O 4 â€coated wool. Journal of Applied Polymer Science, 2020, 137, 49179.	2.6	5
7	Multi-walled carbon nanotubes functionalized silk fabrics for mechanical sensors and heating materials. Materials and Design, 2020, 191, 108636.	7.0	25
8	Creation of polyaniline-coated polyester fabrics with conductive, electrothermal and energy-storage properties via micro-dissolution method. Materials Today Communications, 2020, 24, 101042.	1.9	10
9	Ultrasound assisted surface micro-dissolution to embed nano TiO2 on cotton fabrics in ZnCl2 aqueous solution. Ultrasonics Sonochemistry, 2019, 56, 160-166.	8.2	14
10	Magnetic silk fabrics through swelling-fixing method with Fe3O4 nanoparticles. Surface and Coatings Technology, 2018, 342, 23-28.	4.8	10
11	Fabrication of magnetic cotton fabrics using surface micro-dissolving technology in ZnCl2 aqueous solution. Cellulose, 2018, 25, 1437-1447.	4.9	8
12	Surface micro-dissolve treatment of cotton fabrics with sodium hydroxide/urea to impart crease-resistance properties. Textile Reseach Journal, 2018, 88, 1671-1676.	2.2	5
13	An effective surface modification of polyester fabrics for improving the interfacial deposition of polypyrrole layer. Materials Chemistry and Physics, 2018, 203, 89-96.	4.0	29
14	Preparation of smart and reversible wettability cellulose fabrics for oil/water separation using a facile and economical method. Carbohydrate Polymers, 2018, 200, 63-71.	10.2	57
15	Preparation of magnetic cotton fabric by surface micro-dissolution treatment. Cellulose, 2017, 24, 1099-1106.	4.9	12
16	Surface micro-dissolve method of imparting self-cleaning property to cotton fabrics in NaOH/urea aqueous solution. Applied Surface Science, 2017, 400, 524-529.	6.1	24
17	Antistatic silk fabric through sericin swelling-fixing treatment with aminated carbon nanotubes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 226, 72-77.	3.5	16
18	Surface micro-dissolution of ramie fabrics with NaOH/urea to eliminate hairiness. Cellulose, 2017, 24, 5251-5259.	4.9	17

#	Article	IF	Citations
19	Enhancement in electrical conductive property of polypyrroleâ€coated cotton fabrics using cationic surfactant. Journal of Applied Polymer Science, 2016, 133, .	2.6	23
20	Influence of Oxidant on Electrical Properties of the Polypyrrole-Coated Cotton Fabrics. Key Engineering Materials, 0, 735, 158-163.	0.4	0
21	Durable and flexible PETâ€based bending sensor obtained by immobilizing carbon nanotubes via surface microâ€dissolution for body motion monitoring. Macromolecular Materials and Engineering, 0, , 2100502.	3.6	5