

Ruyi Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5667224/publications.pdf>

Version: 2024-02-01

22
papers

661
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Bi ₂ MoO ₆ microsphere photocatalysts modified with polypyrrole conjugated polymer for efficient decontamination of organic pollutants. <i>Chemosphere</i> , 2022, 286, 131541.	8.2	33
2	Short clean dyeing of two-component cotton/polyamide fabrics through adaptive adjustment of the dye solution. <i>Journal of Cleaner Production</i> , 2022, 333, 130077.	9.3	30
3	Novel self-cross-linking fluorinated polyacrylate latex films with short chain perfluoroalkyl group: Surface free energy and surface reorganization. <i>Reactive and Functional Polymers</i> , 2022, 172, 105185.	4.1	8
4	Insights into coloration enhancement of mercerized cotton fabric on reactive dye digital inkjet printing. <i>RSC Advances</i> , 2022, 12, 10386-10394.	3.6	19
5	The enhancement of wool reactive dyes ink-jet printing through air plasma pretreatment. <i>Journal of Cleaner Production</i> , 2022, 362, 132333.	9.3	20
6	Clean dyeing of acrylic fabric by sustainable red bacterial pigment based on nano-suspension system. <i>Journal of Cleaner Production</i> , 2021, 281, 125295.	9.3	16
7	Effect of Diethylene Glycol on the Inkjet Printability of Reactive Dye Solution for Cotton Fabrics. <i>Langmuir</i> , 2021, 37, 1493-1500.	3.5	35
8	Effects of alkanolamine solvents on the aggregation states of reactive dyes in concentrated solutions and the properties of the solutions. <i>RSC Advances</i> , 2021, 11, 10929-10934.	3.6	5
9	Eco-Friendly Pretreatment to the Coloration Enhancement of Reactive Dye Digital Inkjet Printing on Wool Fabrics. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10361-10369.	6.7	37
10	Locating the Reaction Site of 1,2,3,4-Butanetetracarboxylic Acid Carboxyl and Cellulose Hydroxyl in the Esterification Cross-Linking. <i>ACS Omega</i> , 2021, 6, 28394-28402.	3.5	8
11	The effect of ink drop spreading and coalescing on the image quality of printed cotton fabric. <i>Cellulose</i> , 2020, 27, 9725-9736.	4.9	24
12	Comparing Benzodithiophene Unit with Alkylthionaphthyl and Alkylthiobiphenyl Side-Chains in Constructing High-Performance Nonfullerene Solar Cells. <i>Polymers</i> , 2020, 12, 1673.	4.5	3
13	Effect of ethylene glycol and its derivatives on the aggregation properties of reactive Orange 13 dye aqueous solution. <i>RSC Advances</i> , 2020, 10, 34373-34380.	3.6	12
14	Z-scheme In ₂ O ₃ /WO ₃ heterogeneous photocatalysts with enhanced visible-light-driven photocatalytic activity toward degradation of organic dyes. <i>Journal of Materials Science</i> , 2020, 55, 11919-11937.	3.7	93
15	Dyeing cotton with tea extract based on in-situ polymerization: An innovative mechanism of coloring cellulose fibers by industrial crop pigments. <i>Industrial Crops and Products</i> , 2019, 142, 111863.	5.2	38
16	Inkjet Printable and Self-Curable Disperse Dyes/P(St-BA-MAA) Nanosphere Inks for Both Hydrophilic and Hydrophobic Fabrics. <i>Polymers</i> , 2018, 10, 1402.	4.5	35
17	Facile synthesis of cellulose derivatives based on cellulose acetoacetate. <i>Carbohydrate Polymers</i> , 2017, 170, 117-123.	10.2	32
18	Preparation of magnetic cotton fabric by surface micro-dissolution treatment. <i>Cellulose</i> , 2017, 24, 1099-1106.	4.9	12

#	ARTICLE	IF	CITATIONS
19	Facile fabrication of redox/pH dual stimuli responsive cellulose hydrogel. Carbohydrate Polymers, 2017, 176, 299-306.	10.2	86
20	Construction of up-converting fluorescent carbon quantum dots/Bi ₂ O ₃ /TiO ₂ composites with enhanced photocatalytic properties under visible light. Chemical Engineering Journal, 2017, 310, 79-90.	12.7	45
21	Enhancement in electrical conductive property of polypyrrole-coated cotton fabrics using cationic surfactant. Journal of Applied Polymer Science, 2016, 133, .	2.6	23
22	Fabrication of Z-scheme photocatalyst Ag@AgBr@Bi ₂ O ₃ /TiO ₂ and its visible-light photocatalytic activity for the degradation of isoproturon herbicide. Journal of Molecular Catalysis A, 2015, 406, 194-203.	4.8	47