

Zhi-Hua Cui

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

292
citations

840776

11
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Quinoidal bithiophene as disperse dye: Substituent effect on dyeing performance. <i>Dyes and Pigments</i> , 2018, 151, 363-371.	3.7	27
2	Synthesis and dyeing properties of indophenine dyes for polyester fabrics. <i>Dyes and Pigments</i> , 2019, 166, 130-139.	3.7	27
3	Structure and properties of N-heterocycle-containing benzotriazoles as UV absorbers. <i>Journal of Molecular Structure</i> , 2013, 1054-1055, 94-99.	3.6	20
4	Design, synthesis, characterization of water-soluble indophenine dyes and their application for dyeing of wool, silk and nylon fabrics. <i>Dyes and Pigments</i> , 2020, 179, 108385.	3.7	20
5	An adduct of Cl-substituted benzotriazole and hydroxy benzophenone as a novel UVA/UVB absorber: Theory-guided design, synthesis, and calculations. <i>Journal of Molecular Structure</i> , 2013, 1032, 100-104.	3.6	18
6	Improving the photostability of silk using a covalently-bound UV absorber. <i>Polymer Degradation and Stability</i> , 2015, 121, 187-192.	5.8	18
7	A novel reactive dyeing method for silk fibroin with aromatic primary amine-containing dyes based on the Mannich reaction. <i>Dyes and Pigments</i> , 2019, 168, 300-310.	3.7	16
8	Synthesis of an electron-rich aniline-containing dye and its dyeing behaviors on silk through a three-component Mannich-type reaction. <i>Chinese Chemical Letters</i> , 2015, 26, 259-262.	9.0	14
9	Facile synthesis and properties of alkali-clearable azo disperse dye containing a carboxylic ester moiety. <i>Chinese Chemical Letters</i> , 2014, 25, 1121-1124.	9.0	12
10	Studies on photoyellowing of silk fibroin and alteration of its tyrosine content. <i>Journal of the Textile Institute</i> , 2016, 107, 413-419.	1.9	12
11	Reactive dyeing of synthetic fibers employing dyes containing a diazirine moiety. <i>Dyes and Pigments</i> , 2021, 194, 109555.	3.7	12
12	An intramolecular Mannich type reaction of ortho-amino aromatic azo dye and its detection effect for formaldehyde. <i>Dyes and Pigments</i> , 2020, 179, 108376.	3.7	11
13	Synthesis and properties of alkali-clearable azo disperse dyes containing a carboxylic ethyl ester group. <i>Fibers and Polymers</i> , 2017, 18, 1708-1717.	2.1	10
14	Study on coloration of silk based on coupling reaction with a diazonium compound. <i>Fibers and Polymers</i> , 2014, 15, 966-970.	2.1	9
15	An insight into the effect of S,S-dioxided thiophene on the opto-physical/electro-chemical properties and light stability for indophenine derivatives. <i>Dyes and Pigments</i> , 2020, 173, 107891.	3.7	9
16	Reactive dyeing of silk using commercial acid dyes based on a three-component Mannich-type reaction. <i>Coloration Technology</i> , 2020, 136, 336-345.	1.5	9
17	Synthesis, spectral and dyeing properties of phenylazopyrazolone-containing acylamide disperse dyes designed for poly(lactic acid). <i>Coloration Technology</i> , 2012, 128, 283-289.	1.5	6
18	Mitochondria-Targeted Photodynamic Cancer Therapy of Nanoscale Liposome-Encapsulating Boron Dipyrromethene Photosensitizers Conjugated with Pyridine Cations. <i>ACS Applied Nano Materials</i> , 2022, 5, 5459-5469.	5.0	6

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19	Sulfonyl chlorination of sulfonate-containing naphthol azo compounds. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 425-431.	0.4	5
20	Dyeing fine denier polypropylene fibers with phenylazo-1 ² -naphthol-containing sulfonamide disperse dyes. <i>Frontiers of Chemical Engineering in China</i> , 2010, 4, 328-335.	0.6	5
21	Synthesis of novel multifunctional photostabilizers containing UVA and HALS moieties and their effects on polymers and dyes. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 259-267.	3.4	5
22	Synthesis, Application, and Recovery of Alkali-Clearable Disperse Dyes Containing Azo Pyridone Structure. <i>Fibers and Polymers</i> , 2022, 23, 1040-1049.	2.1	4
23	Synthesis and spectral properties of H acid-containing dyes and their Mannich-type dyeing performances on silk fibroin. <i>Dyes and Pigments</i> , 2022, 204, 110469.	3.7	4
24	Research Progress in Design, Synthesis and Application for Quinoidal Heterocyclic Compounds. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 351.	1.3	3
25	The selectivity of Mannich-reaction-based modification on amino acid residues in silk fibroin. <i>Dyes and Pigments</i> , 2022, 200, 110100.	3.7	3
26	Design and synthesis of diazirine-containing dyes for polypropylene fibre: A study on the effect of alkyl chain. <i>Coloration Technology</i> , 2022, 138, 551-564.	1.5	3
27	N-Sulphonatoalkyl indophenine derivatives: Design, synthesis and dyeing properties on wool, silk and nylon fabrics. <i>Coloration Technology</i> , 2021, 137, 181-192.	1.5	2
28	Synthesis, characterization, and flocculation performance of a sulfonated polytriazine. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	1
29	Evaluation of the color measurement based on a microscopic hyperspectral imaging system. <i>Color Research and Application</i> , 2021, 46, 1205.	1.6	1