

Taekyeong Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Vapochromic Dyes Having Sensing Properties for Vapor Phase of Organic Solvents Used in Semiconductor Manufacturing Processes and Their Application to Textile-Based Sensors. <i>Sensors</i> , 2022, 22, 4487.	2.1	5
2	Synthesis of novel coumarin-based acid vapochromic fluorescence dye showing change of both color and fluorescence emission spectrum for application to sensitive, reusable, and washable textile sensors. <i>Textile Reseach Journal</i> , 2021, 91, 613-623.	1.1	9
3	Synthesis of red fluorescent dye with acid gas sensitive optical properties and fabrication of a washable and wearable textile sensor. <i>Textile Reseach Journal</i> , 2021, 91, 2036-2052.	1.1	14
4	Synthesis of near-infrared absorbing and fluorescent bis(pyrrol-2-yl)squaraines and their halochromic properties. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6226-6243.	2.3	12
5	Synthesis of Super Hydrophobic Disperse Dyes Having Long Alkyl Substituents and Their Dyeability onto Unmodified Polypropylene Fibers. <i>Fibers and Polymers</i> , 2020, 21, 1767-1772.	1.1	2
6	Synthesis of an Acid-gas Sensing Fluorescence Dye Showing Change of Both Color and Fluorescence Emission Spectrum inside Polyethylenic Fiber on Exposure to Gas Phase Strong Acid for Application to Washable Textile Sensors. <i>Fibers and Polymers</i> , 2020, 21, 2275-2284.	1.1	6
7	Synthesis of non-fluorinated paraffinic water repellents and application properties on textile fabrics. <i>Fibers and Polymers</i> , 2017, 18, 285-289.	1.1	9
8	Synthesis of hydrophobic anthraquinoid magenta dyes having linear alkyl substituents. <i>Fibers and Polymers</i> , 2017, 18, 1691-1696.	1.1	3
9	Synthesis of Bluish-green Dyes for Pure Polyolefin Fibers. <i>Textile Coloration and Finishing</i> , 2016, 28, 156-163.	0.0	4
10	Synthesis and application of acid-gas sensing dyes having alkyl groups symmetrically substituted on monoazo chromophore. <i>Fibers and Polymers</i> , 2015, 16, 2106-2111.	1.1	9
11	Synthesis of Super Hydrophobic Disazo Red Dyes using Alkylanilines as Diazo Components. <i>Textile Coloration and Finishing</i> , 2015, 27, 27-34.	0.0	7
12	Characteristics and Application of the Highly-Durable and Highly-Sensitive Super Hydrophobic Acid-gas Sensing Dye. <i>Textile Coloration and Finishing</i> , 2015, 27, 105-112.	0.0	11
13	Synthesis of novel violet dyes for polyolefin fibers using N,N-dihexyl-2-methoxy-5-methylaniline and various diazo components. <i>Fibers and Polymers</i> , 2014, 15, 2466-2471.	1.1	3
14	Synthesis and application of novel high light fastness red dyes for ultra high molecular weight polyethylene fibers. <i>Fibers and Polymers</i> , 2014, 15, 248-253.	1.1	14
15	Synthesis of Super Hydrophobic Orange Dyes Having Maximum Absorption at 450-500nm for Pure Polyolefin Fibers. <i>Textile Coloration and Finishing</i> , 2014, 26, 165-172.	0.0	6
16	Coloration of ultra high molecular weight polyethylene fibers using alkyl-substituted monoazo yellow and red dyes. <i>Fibers and Polymers</i> , 2013, 14, 105-109.	1.1	14
17	Synthesis and Application of Anthraquinoid Magenta Dyes for Pure Polypropylene Fibers. <i>Textile Coloration and Finishing</i> , 2013, 25, 102-109.	0.0	7
18	Synthesis of a Super Hydrophobic Violet Dye for Pure Polyolefin(PP/UHMWPE) Fibers. <i>Textile Coloration and Finishing</i> , 2013, 25, 165-171.	0.0	6

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19	Coloration of ultra high molecular weight polyethylene fibers using alkyl-substituted anthraquinoid blue dyes. <i>Fibers and Polymers</i> , 2012, 13, 212-216.	1.1	22
20	Flexible VOC sensors using conductive polymers and porous membranes for application to textiles. <i>Fibers and Polymers</i> , 2012, 13, 471-474.	1.1	14
21	Synthesis and application of alkyl-substituted red dyes for unmodified polypropylene fibers. <i>Fibers and Polymers</i> , 2011, 12, 174-179.	1.1	12
22	Synthesis and application of alkyl-substituted high chroma yellow dyes for unmodified polypropylene fiber. <i>Fibers and Polymers</i> , 2009, 10, 148-153.	1.1	23
23	Synthesis and application of alkyl-substituted disazo yellow dyes for unmodified polypropylene fiber. <i>Fibers and Polymers</i> , 2008, 9, 538-543.	1.1	22
24	Dyeing of cotton and polyester/cotton blend with disperse dyes using sodium 2-(2,3-dibromopropionylamino)-5-(4,6-dichloro-1,3,5-triazinylamino)-benzenesulfonate. <i>Fibers and Polymers</i> , 2006, 7, 352-357.	1.1	14