

# Meram S Abdelrahman

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

748  
citations

516215

16  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of antimicrobial, UV blocked and photocatalytic self-cleanable cotton fibers decorated with silver nanoparticles using silver carbamate and plasma activation. <i>Cellulose</i> , 2021, 28, 1105-1121.	2.4	50
2	Facile development of photochromic cellulose acetate transparent nanocomposite film immobilized with lanthanide-doped pigment: ultraviolet blocking, superhydrophobic, and antimicrobial activity. <i>Luminescence</i> , 2021, 36, 543-555.	1.5	42
3	Photochromic and fluorescent ink using photoluminescent strontium aluminate pigment and screen printing towards anticounterfeiting documents. <i>Luminescence</i> , 2021, 36, 865-874.	1.5	55
4	Recent trends in green colorants: chemistry and application. , 2021, , 301-314.		1
5	Hydrazone-Based Supramolecular Organogel for Selective Chromogenic Detection of Organophosphorus Nerve Agent Mimic. <i>ChemistrySelect</i> , 2021, 6, 2002-2009.	0.7	27
6	Development of a novel colorimetric thermometer based on poly( <i>N</i> -vinylcaprolactam) with push-pull tricyanofuran hydrazone anion dye. <i>New Journal of Chemistry</i> , 2021, 45, 5382-5390.	1.4	26
7	Development of long-persistent photoluminescent epoxy resin immobilized with europium (II)-doped strontium aluminate. <i>Luminescence</i> , 2020, 35, 478-485.	1.5	45
8	Polymerization products of lactic acid as synthetic thickening agents for textile printing. <i>Journal of Molecular Structure</i> , 2020, 1203, 127421.	1.8	22
9	Textile dyeing industry: environmental impacts and remediation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3803-3818.	2.7	152
10	Facile development of microporous cellulose acetate xerogel immobilized with hydrazone probe for real time vapochromic detection of toxic ammonia. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104573.	3.3	34
11	Simple Development of Novel Reversible Colorimetric Thermometer Using Urea Organogel Embedded with Thermochromic Hydrazone Chromophore. <i>Chemosensors</i> , 2020, 8, 132.	1.8	18
12	Molecularly Imprinted Cellulose Sensor Strips for Selective Determination of Phenols in Aqueous Environment. <i>Fibers and Polymers</i> , 2020, 21, 2195-2203.	1.1	14
13	Studies of Polylactic Acid and Metal Oxide Nanoparticles-Based Composites for Multifunctional Textile Prints. <i>Coatings</i> , 2020, 10, 58.	1.2	36
14	Development of colorimetric cotton swab using molecular switching hydrazone probe in calcium alginate. <i>Journal of Molecular Structure</i> , 2020, 1216, 128301.	1.8	45
15	From Smart Materials to Chromic Textiles. <i>Textile Science and Clothing Technology</i> , 2020, , 257-274.	0.4	22
16	Co-encapsulation of enzyme and tricyanofuran hydrazone into alginate microcapsules incorporated onto cotton fabric as a biosensor for colorimetric recognition of urea. <i>Reactive and Functional Polymers</i> , 2019, 142, 199-206.	2.0	50
17	Development of Illuminant Glow-in-the-Dark Cotton Fabric Coated by Luminescent Composite with Antimicrobial Activity and Ultraviolet Protection. <i>Journal of Fluorescence</i> , 2019, 29, 703-710.	1.3	61
18	Development of One-Step Water-Repellent and Flame-Retardant Finishes for Cotton. <i>ChemistrySelect</i> , 2019, 4, 3811-3816.	0.7	45

#	ARTICLE	IF	CITATIONS
19	Synthesis, solvatochromic properties and pH sensory of novel symmetrical bis(tricyanofuran)hydrazone chromophore. Egyptian Journal of Chemistry, 2019, .	0.1	1
20	Synthesis and Characterization of Biodegradable Synthetic Thickener from Anionic Triglyceride Polylactic Acid. Applied Ecology and Environmental Sciences, 2018, 6, 35-47.	0.1	2