

Aleksandra Grzelakowska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective, stoichiometric and fast-response fluorescent probe based on 7-nitrobenz-2-oxa-1,3-diazole fluorophore for hypochlorous acid detection. <i>Dyes and Pigments</i> , 2021, 193, 109563.	3.7	23
2	Two-photon fluorescent probe for cellular peroxynitrite: Fluorescence detection, imaging, and identification of peroxynitrite-specific products. <i>Free Radical Biology and Medicine</i> , 2021, 169, 24-35.	2.9	20
3	Characterization of the reactivity of luciferin boronate - A probe for inflammatory oxidants with improved stability. <i>Dyes and Pigments</i> , 2020, 183, 108693.	3.7	18
4	Water-soluble cationic boronate probe based on coumarin imidazolium scaffold: Synthesis, characterization, and application to cellular peroxynitrite detection. <i>Free Radical Biology and Medicine</i> , 2022, 179, 34-46.	2.9	17
5	Dyes derived from 3-formylquinolone " synthesis, spectroscopic characterisation, and their behaviour in the presence of sulfhydryl and non-sulfhydryl amino acids. <i>Coloration Technology</i> , 2015, 131, 157-164.	1.5	14
6	On the chemical reactivity of tricyanofuran(TCF)-based near-infrared fluorescent redox probes " Effects of glutathione on the probe response and product fluorescence. <i>Dyes and Pigments</i> , 2021, 192, 109405.	3.7	13
7	Recent progress in the synthesis of firefly luciferin derivatives. <i>Dyes and Pigments</i> , 2019, 170, 107627.	3.7	12
8	Novel styrylbenzimidazolium-based fluorescent probe for reactive sulfur species: Selectively distinguishing between bisulfite and thiol amino acids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120151.	3.9	11
9	Hymecromone naphthoquinone ethers as probes for hydrogen sulfide detection. <i>Dyes and Pigments</i> , 2021, 196, 109765.	3.7	11
10	Novel fluorescent probes for L-cysteine based on the xanthone skeleton. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112153.	3.9	9
11	6-Pyridinium benzo[a]phenazine-5-oxide derivatives as visible photosensitisers for polymerisation. <i>Coloration Technology</i> , 2014, 130, 250-259.	1.5	8
12	Synthesis, spectroscopic characterisation, and potential application of dyes containing a carbostyryl skeleton as sensors for thiols. <i>Coloration Technology</i> , 2016, 132, 121-129.	1.5	8
13	Novel Boronate Probe Based on 3-Benzothiazol-2-yl-7-hydroxy-chromen-2-one for the Detection of Peroxynitrite and Hypochlorite. <i>Molecules</i> , 2021, 26, 5940.	3.8	8
14	Novel 7-maleimidoquinolones as potential fluorescent sensors for the detection of sulphhydryl groups. <i>Coloration Technology</i> , 2018, 134, 148-155.	1.5	6
15	Dyes based on the 2(1 H)quinolone skeleton as potential colorimetric and fluorescent sensors for cyanide anions. <i>Coloration Technology</i> , 2019, 135, 501-509.	1.5	6
16	Dyes derived from benzo[a]phenoxazine - synthesis, spectroscopic properties, and potential application as sensors for L-cysteine. <i>Coloration Technology</i> , 2017, 133, 145-157.	1.5	5
17	Synthesis and photochemical reaction of benzo[a]quinoxalino[2,3-c]phenazine dyes. <i>Coloration Technology</i> , 2017, 133, 498-505.	1.5	5
18	The synthesis and spectroscopic characterisation of 3-formylquinolones in the presence of biothiols. <i>Coloration Technology</i> , 2018, 134, 440-449.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Characterization of a novel styrylbenzimidazolium-based dye and its application in the detection of biothiols. <i>Luminescence</i> , 2021, 36, 409-417.	2.9	3