Aleksandra Grzelakowska

List of Publications by Year
in descending order

19	202	1040056 9	1125743 13
papers	citations	h-index	g-index

19	19	19	117
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water-soluble cationic boronate probe based on coumarin imidazolium scaffold: Synthesis, characterization, and application to cellular peroxynitrite detection. Free Radical Biology and Medicine, 2022, 179, 34-46.	2.9	17
2	Characterization of a novel styrylbenzimidazoliumâ€based dye and its application in the detection of biothiols. Luminescence, 2021, 36, 409-417.	2.9	3
3	Two-photon fluorescent probe for cellular peroxynitrite: Fluorescence detection, imaging, and identification of peroxynitrite-specific products. Free Radical Biology and Medicine, 2021, 169, 24-35.	2.9	20
4	On the chemical reactivity of tricyanofuran(TCF)-based near-infrared fluorescent redox probes â€“ Effects of glutathione on the probe response and product fluorescence. Dyes and Pigments, 2021, 192, 109405.	3.7	13
5	Selective, stoichiometric and fast-response fluorescent probe based on 7-nitrobenz-2-oxa-1,3-diazole fluorophore for hypochlorous acid detection. Dyes and Pigments, 2021, 193, 109563.	3.7	23
6	Novel styrylbenzimidazolium-based fluorescent probe for reactive sulfur species: Selectively distinguishing between bisulfite and thiol amino acids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120151.	3.9	11
7	Hymecromone naphthoquinone ethers as probes for hydrogen sulfide detection. Dyes and Pigments, 2021, 196, 109765.	3.7	11
8	Novel Boronate Probe Based on 3-Benzothiazol-2-yl-7-hydroxy-chromen-2-one for the Detection of Peroxynitrite and Hypochlorite. Molecules, 2021, 26, 5940.	3.8	8
9	Novel fluorescent probes for L-cysteine based on the xanthone skeleton. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 387, 112153.	3.9	9
10	Characterization of the reactivity of luciferin boronate - A probe for inflammatory oxidants with improved stability. Dyes and Pigments, 2020, 183, 108693.	3.7	18
11	Dyes based on the 2(1 H)â€quinolone skeleton as potential colorimetric and fluorescent sensors for cyanide anions. Coloration Technology, 2019, 135, 501-509.	1.5	6
12	Recent progress in the synthesis of firefly luciferin derivatives. Dyes and Pigments, 2019, 170, 107627.	3.7	12
13	Novel 7â€maleimidoâ€2(1H)â€quinolones as potential fluorescent sensors for the detection of sulphydryl groups. Coloration Technology, 2018, 134, 148-155.	1.5	6
14	The synthesis and spectroscopic characterisation of 3â€formylâ€2â€quinolones in the presence of biothiols. Coloration Technology, 2018, 134, 440-449.	1.5	5
15	Dyes derived from benzo[a]phenoxazine - synthesis, spectroscopic properties, and potential application as sensors forl-cysteine. Coloration Technology, 2017, 133, 145-157.	1.5	5
16	Synthesis and photochemical reaction of benzo[a]quinoxalino[2,3-c]phenazine dyes. Coloration Technology, 2017, 133, 498-505.	1.5	5
17	Synthesis, spectroscopic characterisation, and potential application of dyes containing a carbostyril skeleton as sensors for thiols. Coloration Technology, 2016, 132, 121-129.	1.5	8
18	Dyes derived from 3â€formylâ€2(1H)â€quinolone â€“ synthesis, spectroscopic characterisation, and their behaviour in the presence of sulfhydryl and nonâ€sulfhydryl amino acids. Coloration Technology, 2015, 131, 157-164.	1.5	14

#	Article	IF	Citations
19	6-Pyridinium benzo[a]phenazine-5-oxide derivatives as visible photosensitisers for polymerisation. Coloration Technology, 2014, 130, 250-259.	1.5	8