

Huimin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

250
citations

933264

10
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Selectively Lighting Up Singlet Oxygen via Aggregation-Induced Electrochemiluminescence Energy Transfer. <i>Analytical Chemistry</i> , 2022, 94, 3718-3726.	3.2	11
2	Stabilization of a gadolinium(III)-porphyrin in aqueous solution for oxygen sensing. <i>Dyes and Pigments</i> , 2020, 183, 108731.	2.0	1
3	Lutetium-containing sinoporphyrin sodium: a water-soluble photosensitizer with balanced fluorescence and phosphorescence for ratiometric oxygen sensing. <i>RSC Advances</i> , 2020, 10, 32938-32945.	1.7	13
4	A strategy for monitoring oxygen concentration, oxygen consumption, and generation of singlet oxygen using a phosphorescent photosensitizer. <i>Journal of Luminescence</i> , 2020, 224, 117282.	1.5	7
5	Correlation between the Triplet-State Energy of Metalloporphyrins and Oxygen Response of Their Phosphorescence. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25004-25009.	1.5	1
6	Enhanced oxygen sensing sensitivity by eliminating the protection of triplet phosphorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 310-314.	2.0	4
7	Achieving anti-oxygen-interference temperature sensing using phosphorescent metalloporphyrins. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 744-750.	4.0	8
8	Enhancement of the room temperature phosphorescence of metalloporphyrins using imidazole as a triplet state protector. <i>Journal of Luminescence</i> , 2018, 194, 29-32.	1.5	9
9	Influence of lanthanide ion energy levels on luminescence of corresponding metalloporphyrins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7728-7732.	1.3	11
10	Photophysical properties of sinoporphyrin sodium and explanation of its high photo-activity. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 59-66.	0.4	11
11	Photophysical properties, singlet oxygen generation efficiency and cytotoxic effects of aloe emodin as a blue light photosensitizer for photodynamic therapy in dermatological treatment. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1088-1094.	1.6	29
12	Ratiometric oxygen sensing using the tunable ratio of phosphorescence to fluorescence emissions from gadolinium porphyrin and porphyrin. <i>Journal of Luminescence</i> , 2017, 183, 452-457.	1.5	11
13	Studying the origin of fluorescence emissions of neodymium porphyrin based on the analysis of energy level structure. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 665-670.	0.4	2
14	The effect of imidazole on the enhancement of gadolinium-porphyrin phosphorescence at room temperature. <i>Dalton Transactions</i> , 2016, 45, 16889-16895.	1.6	7
15	Comparison study on the influence of the central metal ions in palladium(II)- and gadolinium(III)-porphyrins for phosphorescence-based oxygen sensing. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9581-9587.	2.7	22
16	Ratiometric dissolved oxygen sensitive indicator based on lutetium labeled hematoporphyrin monomethyl ether with balanced phosphorescence and fluorescence dual emission. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 539-546.	4.0	22
17	Luminescence ratiometric oxygen sensor based on gadolinium labeled porphyrin and filter paper. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 405-411.	4.0	25
18	Mechanism of Gadolinium Doping Induced Room-Temperature Phosphorescence from Porphyrin. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10558-10563.	1.5	17

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19	Twenty-fold Enhancement of Gadolinium-Porphyrin Phosphorescence at Room Temperature by Free Gadolinium Ion in Liquid Phase. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28111-28116.	1.5	15
20	Oxygen sensing properties of gadolinium labeled hematoporphyrin monomethyl ether based on filter paper. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 351-356.	4.0	24