

Rui Guo

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

827
citations

933447

10
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Coatings super-repellent to ultralow surface tension liquids. <i>Nature Materials</i> , 2018, 17, 1040-1047.	27.5	289
2	Synthesis of Propylene Carbonate from Carbon Dioxide and Propylene Oxide Using Zn-Mg-Al Composite Oxide as High-efficiency Catalyst. <i>Catalysis Letters</i> , 2010, 136, 35-44.	2.6	93
3	A novel NIR probe for detection of viscosity in cellular lipid droplets, zebra fishes and living mice. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 321-328.	7.8	78
4	A novel mitochondria-targeted rhodamine analogue for the detection of viscosity changes in living cells, zebra fish and living mice. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2894-2900.	5.8	67
5	Durable superoleophobic fabric surfaces with counterintuitive superwettability for polar solvents. <i>AIChE Journal</i> , 2014, 60, 2752-2756.	3.6	64
6	A near-infrared emission fluorescent probe with multi-rotatable moieties for highly sensitive detection of mitochondrial viscosity in an inflammatory cell model. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6212-6216.	5.8	51
7	Development of a Unique Class of Spiro-Type Two-Photon Functional Fluorescent Dyes and Their Applications for Sensing and Bioimaging. <i>Advanced Functional Materials</i> , 2016, 26, 8128-8136.	14.9	50
8	A novel mitochondria-targeted near-infrared (NIR) probe for detection of viscosity changes in living cell, zebra fishes and living mice. <i>Talanta</i> , 2019, 204, 868-874.	5.5	25
9	Highly Sensitive and Selective Fluorescent Probe for Detection of Fe ³⁺ Based on Rhodamine Fluorophore. <i>Journal of Fluorescence</i> , 2019, 29, 645-652.	2.5	18
10	Superhydrophobic nanocomposites of erbium oxide and reduced graphene oxide for high-performance microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 69-78.	9.4	14
11	Modular Assembly of Host-Guest Metal-Phenolic Networks Using Macrocyclic Building Blocks. <i>Angewandte Chemie</i> , 2020, 132, 281-286.	2.0	10
12	Construction of a novel QD based ratiometric fluorescent composite probe for viscosity detection. <i>Chemical Communications</i> , 2020, 56, 14649-14652.	4.1	9
13	A coumarin-based "off-on" fluorescent probe for highly selective detection of hydrogen sulfide and imaging in living cells. <i>Analytical Methods</i> , 2021, 13, 1511-1516.	2.7	9
14	Exploiting Molecular Dynamics in Composite Coatings to Design Robust Super-Repellent Surfaces. <i>Advanced Science</i> , 2022, 9, e2104331.	11.2	9
15	A Fluorescence Turn-On Probe for Thiols with a Tunable Dynamic Range. <i>Journal of Fluorescence</i> , 2016, 26, 1077-1081.	2.5	6
16	A novel cysteine fluorescent probe with large stokes shift for imaging in living cells, zebrafish and living mice. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121230.	3.9	6
17	A Carbazole-Fused-Rhodamine Probe for Detection of HOCl in Living Cells. <i>Journal of Fluorescence</i> , 2017, 27, 1969-1974.	2.5	5
18	A novel near-infrared probe with large Stokes shift for the detection of viscosity changes in living cells. <i>Journal of Luminescence</i> , 2021, 233, 117883.	3.1	5

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19	Exploiting Supramolecular Dynamics in Metal-Phenolic Networks to Generate Metal-Oxide and Metal-Carbon Networks. <i>Angewandte Chemie</i> , 2021, 133, 14707-14715.	2.0	5
20	A novel mitochondrion-targeted fluorescent probe for detecting viscosity in living cells and zebrafishes. <i>New Journal of Chemistry</i> , 2022, 46, 8171-8176.	2.8	3
21	Fluorogen-Activating-Protein-Loaded Tantalum Oxide Nanoshells for in Vivo On-Demand Fluorescence/Photoacoustic Imaging. <i>ACS Applied Bio Materials</i> , 2022, 5, 1057-1063.	4.6	3
22	A Facile Method to Fabricate Hierarchical Particulates for Superhydrophobic Surfaces by Diisocyanate Reactions. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 1393-1401.	2.6	2
23	A Ratiometric and near-Infrared Fluorescent Probe for Imaging Cu ²⁺ in Living Cells and Animals. <i>Journal of Fluorescence</i> , 2017, 27, 1655-1660.	2.5	2
24	A novel fluorescent probe for rapid detection of sulfur dioxide in living cells. <i>Luminescence</i> , 2021, 36, 1006-1012.	2.9	2
25	A novel fluorescent probe with large Stokes shift for the detection of viscosity changes and its imaging in living cells. <i>Luminescence</i> , 2022, 37, 1120-1125.	2.9	2