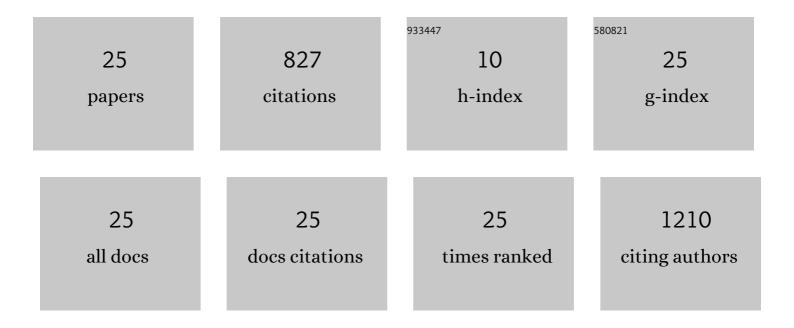
## Rui Guo

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Coatings super-repellent to ultralow surface tension liquids. Nature Materials, 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. Catalysis Letters, 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. Sensors and Actuators B: Chemical, 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. Journal of Materials Chemistry B, 2018, 6, 2894-2900.	5.8	67
5	Durable superoleophobic fabric surfaces with counterintuitive superwettability for polar solvents. AICHE Journal, 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. Journal of Materials Chemistry B, 2018, 6, 6212-6216.	5.8	51
7	Development of a Unique Class of Spiroâ€Type Twoâ€Photon Functional Fluorescent Dyes and Their Applications for Sensing and Bioimaging. Advanced Functional Materials, 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. Talanta, 2019, 204, 868-874.	5.5	25
9	Highly Sensitive and Selective Fluorescent Probe for Detection of Fe3+ Based on Rhodamine Fluorophore. Journal of Fluorescence, 2019, 29, 645-652.	2.5	18
10	Superhydrophobic nanocomposites of erbium oxide and reduced graphene oxide for high-performance microwave absorption. Journal of Colloid and Interface Science, 2022, 615, 69-78.	9.4	14
11	Modular Assembly of Host–Guest Metal–Phenolic Networks Using Macrocyclic Building Blocks. Angewandte Chemie, 2020, 132, 281-286.	2.0	10
12	Construction of a novel GQD based ratiometric fluorescent composite probe for viscosity detection. Chemical Communications, 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. Analytical Methods, 2021, 13, 1511-1516.	2.7	9
14	Exploiting Molecular Dynamics in Composite Coatings to Design Robust Superâ€Repellent Surfaces. Advanced Science, 2022, 9, e2104331.	11.2	9
15	A Fluorescence Turn-On Probe for Thiols with a Tunable Dynamic Range. Journal of Fluorescence, 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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121230.	3.9	6
17	A Carbazole-Fused-RhodamineProbe for Detection of HOCl in Living Cells. Journal of Fluorescence, 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. Journal of Luminescence, 2021, 233, 117883.	3.1	5

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#	Article	IF	CITATIONS
19	Exploiting Supramolecular Dynamics in Metal–Phenolic Networks to Generate Metal–Oxide and Metal–Carbon Networks. Angewandte Chemie, 2021, 133, 14707-14715.	2.0	5
20	A novel mitochondrion-targeted fluorescent probe for detecting viscosity in living cells and zebrafishes. New Journal of Chemistry, 2022, 46, 8171-8176.	2.8	3
21	Fluorogen-Activating-Protein-Loaded Tantalum Oxide Nanoshells for in Vivo On-Demand Fluorescence/Photoacoustic Imaging. ACS Applied Bio Materials, 2022, 5, 1057-1063.	4.6	3
22	A Facile Method to Fabricate Hierarchical Particulates for Superhydrophobic Surfaces by Diisocyanate Reactions. Journal of Adhesion Science and Technology, 2011, 25, 1393-1401.	2.6	2
23	A Ratiometric and near-Infrared Fluorescent Probe for Imaging Cu2+ in Living Cells and Animals. Journal of Fluorescence, 2017, 27, 1655-1660.	2.5	2
24	A novel fluorescent probe for rapid detection of sulfur dioxide in living cells. Luminescence, 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. Luminescence, 2022, 37, 1120-1125.	2.9	2