

Rui Hu

List of Publications by Year in descending order

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36
papers

1,418
citations

394421

19
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330143

37
g-index

37
all docs

37
docs citations

37
times ranked

2173
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rapid Aqueous Fluoride Ion Sensor with Dual Output Modes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4915-4918.	13.8	511
2	Molecular Engineering of Aqueous Soluble Triarylboron-Compound-Based Two-Photon Fluorescent Probe for Mitochondria H ₂ S with Analyte-Induced Finite Aggregation and Excellent Membrane Permeability. <i>Analytical Chemistry</i> , 2016, 88, 1052-1057.	6.5	98
3	Understanding the aggregation induced emission enhancement for a compound with excited state intramolecular proton transfer character. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2044-2051.	2.8	79
4	Intracellular Fluorescent Temperature Probe Based on Triarylboron Substituted Poly(<i>N</i> -Isopropylacrylamide and Energy Transfer. <i>Analytical Chemistry</i> , 2015, 87, 3694-3698.	6.5	78
5	Sensing in 15 s for Aqueous Fluoride Anion by Water-Insoluble Fluorescent Probe Incorporating Hydrogel. <i>Analytical Chemistry</i> , 2013, 85, 4113-4119.	6.5	74
6	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. <i>Nature Communications</i> , 2018, 9, 362.	12.8	48
7	Sensing for intracellular thiols by water-insoluble two-photon fluorescent probe incorporating nanogel. <i>Analytica Chimica Acta</i> , 2015, 869, 81-88.	5.4	34
8	General Aggregation-Induced Emission Probes for Amyloid Inhibitors with Dual Inhibition Capacity against Amyloid β -Protein and α -Synuclein. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31182-31194.	8.0	33
9	Jatrophone diterpenoids from <i>Euphorbia sororia</i> as potent modulators against P-glycoprotein-based multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 157-170.	5.5	32
10	Specific Imaging of Tyrosinase in Vivo with 3-Hydroxybenzyl Caged ¹²⁵ I-Luciferins. <i>Analytical Chemistry</i> , 2018, 90, 9296-9300.	6.5	29
11	A colorimetric and ratiometric fluorescence sensor for sensitive detection of fluoride ions in water and toothpaste. <i>RSC Advances</i> , 2016, 6, 49158-49163.	3.6	27
12	Synthesis and in vitro biological evaluation of novel diaminothiophene scaffolds as antitumor and anti-influenza virus agents. Part 2. <i>RSC Advances</i> , 2017, 7, 31417-31427.	3.6	26
13	An ultrasensitive bioluminogenic probe of β -Glutamyltranspeptidase in vivo and in human serum for tumor diagnosis. <i>Biosensors and Bioelectronics</i> , 2017, 98, 325-329.	10.1	26
14	Thermally Activated Delayed Fluorescence via Triplet Fusion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6239-6245.	4.6	24
15	Luminescent properties of benzothiazole derivatives and their application in white light emission. <i>RSC Advances</i> , 2017, 7, 4196-4202.	3.6	23
16	Jatrophone Diterpenoids from <i>Euphorbia glomerulans</i> . <i>Journal of Natural Products</i> , 2019, 82, 724-734.	3.0	22
17	Thermally Activated Upconversion with Metal-Free Sensitizers Enabling Exceptional Anti-Stokes Shift and Anti-counterfeiting Application. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57481-57488.	8.0	22
18	Intramolecular aggregation and optical limiting properties of triazine-linked mono-, bis- and tris-phthalocyanines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 426-433.	3.9	20

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19	Visualization of Parallel G-Quadruplexes in Cells with a Series of New Developed Bis(4-aminobenzylidene)acetone Derivatives. <i>ACS Omega</i> , 2018, 3, 10487-10492.	3.5	20
20	Novel Reaction-Based Fluorescence Probes for the Detection of Hydrogen Sulfide in Living Cells. <i>ChemistrySelect</i> , 2016, 1, 2581-2585.	1.5	16
21	Novel fluorescent probes based on intramolecular charge- and proton-transfer compounds. <i>Pure and Applied Chemistry</i> , 2013, 85, 1465-1478.	1.9	14
22	Synthesis, G-quadruplex binding properties and cytotoxicity of naphthalimide-thiourea conjugates. <i>New Journal of Chemistry</i> , 2017, 41, 9397-9405.	2.8	11
23	New isopimarane diterpenes and nortriterpene with cytotoxic activity from <i>Ephorbia alatavica</i> Boiss. <i>FÄ-toterapÄ-c</i> , 2018, 127, 328-333.	2.2	11
24	Traceable cancer cell photoablation with a new mitochondria-responsive and -activatable red-emissive photosensitizer. <i>Chemical Communications</i> , 2019, 55, 3801-3804.	4.1	11
25	ES2 enhances the efficacy of chemotherapeutic agents in ABCB1-overexpressing cancer cells in vitro and in vivo. <i>Pharmacological Research</i> , 2018, 129, 388-399.	7.1	10
26	FÄrster Resonance Energy-Transfer-Based Ratiometric Fluorescent Indicator for Quantifying Fluoride Ion in Water and Toothpaste. <i>ACS Omega</i> , 2018, 3, 18153-18159.	3.5	10
27	Visualized Real-time and Spatial High-temperature Sensing in Air-stable Organic Films. <i>Advanced Materials Technologies</i> , 2020, 5, 1901035.	5.8	9
28	Funneling and Enhancing Upconversion Emission by Light-Harvesting Molecular Wires. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9525-9530.	4.6	8
29	Single-sample Ratiometric Organic Films for Naked-eye High-temperature Multi-threshold Indication. <i>Advanced Optical Materials</i> , 2022, 10, 2101350.	7.3	7
30	Amplified circularly polarized luminescence enabled by photon upconversion in spin-coating cellulose matrix. <i>Chinese Chemical Letters</i> , 2023, 34, 107649.	9.0	7
31	Light up TM protein-protein interaction through bioorthogonal incorporation of a turn-on fluorescent probe into β -lactamase. <i>Molecular BioSystems</i> , 2016, 12, 3544-3549.	2.9	6
32	Two photon absorption energy transfer in the light-harvesting complex of photosystem II (LHC-II) modified with organic boron dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 295-299.	3.9	4
33	Preparation of transparent monolithic methylsilsesquioxane (MSQ) aerogels via ambient pressure drying. <i>RSC Advances</i> , 2017, 7, 32861-32865.	3.6	3
34	Enhancing photon upconversion with thermally activated sensitization and singlet energy collection. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8596-8601.	5.5	3
35	Crystallization and near-infrared emission from host-guest based supramolecular polymers. <i>New Journal of Chemistry</i> , 2021, 45, 9761-9765.	2.8	2
36	An enzyme cascade fluorescence-based assay for the quantification of phenylalanine in serum. <i>Analyst</i> , 2022, 147, 671-676.	3.5	2