

Hyo Sung Jung

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

5,151
citations

471371

17
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

6362
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic molecule-based photothermal agents: an expanding photothermal therapy universe. <i>Chemical Society Reviews</i> , 2018, 47, 2280-2297.	18.7	1,068
2	Coumarin-Derived Cu ²⁺ -Selective Fluorescence Sensor: Synthesis, Mechanisms, and Applications in Living Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 2008-2012.	6.6	992
3	Recent progress in luminescent and colorimetric chemosensors for detection of thiols. <i>Chemical Society Reviews</i> , 2013, 42, 6019.	18.7	781
4	Fluorescent and colorimetric sensors for the detection of humidity or water content. <i>Chemical Society Reviews</i> , 2016, 45, 1242-1256.	18.7	440
5	A Mitochondria-Targeted Cryptocyanine-Based Photothermogenic Photosensitizer. <i>Journal of the American Chemical Society</i> , 2017, 139, 9972-9978.	6.6	288
6	Coumarin-Cu(II) Ensemble-Based Cyanide Sensing Chemodosimeter. <i>Organic Letters</i> , 2011, 13, 5056-5059.	2.4	216
7	A cysteine-selective fluorescent probe for the cellular detection of cysteine. <i>Biomaterials</i> , 2012, 33, 945-953.	5.7	213
8	Coumarin-Based Thiol Chemosensor: Synthesis, Turn-On Mechanism, and Its Biological Application. <i>Organic Letters</i> , 2011, 13, 1498-1501.	2.4	189
9	Enhanced NIR Radiation-Triggered Hyperthermia by Mitochondrial Targeting. <i>Journal of the American Chemical Society</i> , 2015, 137, 3017-3023.	6.6	168
10	Cu ²⁺ Ion-Induced Self-Assembly of Pyrenylquinoline with a Pyrenyl Excimer Formation. <i>Organic Letters</i> , 2009, 11, 3378-3381.	2.4	167
11	An iminocoumarin-Cu(ii) ensemble-based chemodosimeter toward thiols. <i>Chemical Communications</i> , 2011, 47, 5142.	2.2	159
12	Molecular modulated cysteine-selective fluorescent probe. <i>Biomaterials</i> , 2012, 33, 8495-8502.	5.7	142
13	Rationally Designed Fluorescence Turn-On Sensors: A New Design Strategy Based on Orbital Control. <i>Inorganic Chemistry</i> , 2010, 49, 8552-8557.	1.9	115
14	Coumarin-decorated Schiff base hydrolysis as an efficient driving force for the fluorescence detection of water in organic solvents. <i>Chemical Communications</i> , 2016, 52, 8675-8678.	2.2	71
15	Metal-organic complex-based chemodynamic therapy agents for cancer therapy. <i>Chemical Communications</i> , 2020, 56, 8332-8341.	2.2	65
16	Selective removal and quantification of Cu(ii) using fluorescent iminocoumarin-functionalized magnetic nanosilica. <i>Chemical Communications</i> , 2012, 48, 5082.	2.2	36
17	Organelle-targeted photothermal agents for cancer therapy. <i>Chemical Communications</i> , 2021, 57, 7731-7742.	2.2	20
18	Coumarin-lipoic acid conjugates on silver nanoparticle-supported nanopipettes for in situ dual-mode monitoring of intracellular Cu(II) and potential chemodynamic therapy applications. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130271.	4.0	11

#	ARTICLE	IF	CITATIONS
19	Selective detection of Hg ²⁺ using fluorescent rhodamine-functionalized Fe ₃ O ₄ nanoparticles. RSC Advances, 2016, 6, 79405-79409.	1.7	6
20	HepG2 Cell Resistance against Camptothecin from a Lysosomal Drug Delivery. Chemistry - an Asian Journal, 2015, 10, 2695-2700.	1.7	4