Hyo Sung Jung

List of Publications by Year
in descending order

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20 papers	5,151 citations	535685 17 h-index	843174 20 g-index
20 all docs	20 docs citations	20 times ranked	7066 citing authors

#	Article	IF	Citations
1	Organelle-targeted photothermal agents for cancer therapy. Chemical Communications, 2021, 57, 7731-7742.	2.2	20
2	Coumarinâ€“lipoic acid conjugates on silver nanoparticle-supported nanopipettes for in situ dual-mode monitoring of intracellular Cu(II) and potential chemodynamic therapy applications. Sensors and Actuators B: Chemical, 2021, 344, 130271.	4.0	11
3	Metalâ€“organic complex-based chemodynamic therapy agents for cancer therapy. Chemical Communications, 2020, 56, 8332-8341.	2.2	65
4	Organic molecule-based photothermal agents: an expanding photothermal therapy universe. Chemical Society Reviews, 2018, 47, 2280-2297.	18.7	1,068
5	A Mitochondria-Targeted Cryptocyanine-Based Photothermogenic Photosensitizer. Journal of the American Chemical Society, 2017, 139, 9972-9978.	6.6	288
6	Selective detection of Hg2+ using fluorescent rhodamine-functionalized Fe3O4 nanoparticles. RSC Advances, 2016, 6, 79405-79409.	1.7	6
7	Coumarin-decorated Schiff base hydrolysis as an efficient driving force for the fluorescence detection of water in organic solvents. Chemical Communications, 2016, 52, 8675-8678.	2.2	71
8	Fluorescent and colorimetric sensors for the detection of humidity or water content. Chemical Society Reviews, 2016, 45, 1242-1256.	18.7	440
9	HepG2 Cell Resistance against Camptothecin from a Lysosomal Drug Delivery. Chemistry - an Asian Journal, 2015, 10, 2695-2700.	1.7	4
10	Enhanced NIR Radiation-Triggered Hyperthermia by Mitochondrial Targeting. Journal of the American Chemical Society, 2015, 137, 3017-3023.	6.6	168
11	Recent progress in luminescent and colorimetric chemosensors for detection of thiols. Chemical Society Reviews, 2013, 42, 6019.	18.7	781
12	A cysteine-selective fluorescent probe for the cellular detection of cysteine. Biomaterials, 2012, 33, 945-953.	5.7	213
13	Molecular modulated cysteine-selective fluorescent probe. Biomaterials, 2012, 33, 8495-8502.	5.7	142
14	Selective removal and quantification of Cu(ii) using fluorescent iminocoumarin-functionalized magnetic nanosilica. Chemical Communications, 2012, 48, 5082.	2.2	36
15	Coumarin-Cu(II) Ensemble-Based Cyanide Sensing Chemodosimeter. Organic Letters, 2011, 13, 5056-5059.	2.4	216
16	An iminocoumarinâ€“Cu(ii) ensemble-based chemodosimeter toward thiols. Chemical Communications, 2011, 47, 5142.	2.2	159
17	Coumarin-Based Thiol Chemosensor: Synthesis, Turn-On Mechanism, and Its Biological Application. Organic Letters, 2011, 13, 1498-1501.	2.4	189
18	Rationally Designed Fluorescence Turn-On Sensors: A New Design Strategy Based on Orbital Control. Inorganic Chemistry, 2010, 49, 8552-8557.	1.9	115

#	Article	IF	Citations
19	Coumarin-Derived Cu²⁺-Selective Fluorescence Sensor: Synthesis, Mechanisms, and Applications in Living Cells. Journal of the American Chemical Society, 2009, 131, 2008-2012.	6.6	992
20	Cu²⁺ Ion-Induced Self-Assembly of Pyrenylquinoline with a Pyrenyl Excimer Formation. Organic Letters, 2009, 11, 3378-3381.	2.4	167