Youngsam Kim

List of Publications by Year in descending order

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18	652	687363 13	839539 18
papers	citations	h-index	g-index

18	18	18	801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Doubly Activated Dual Emission Fluorescent Probes for Selective Imaging of Glutathione or Cysteine in Living Systems. Analytical Chemistry, 2018, 90, 2648-2654.	6.5	137
2	Exceptional time response, stability and selectivity in doubly-activated phenyl selenium-based glutathione-selective platform. Chemical Science, 2015, 6, 5435-5439.	7.4	117
3	Fluorescent Sensing of a Nerve Agent Simulant with Dual Emission over Wide pH Range in Aqueous Solution. Chemistry - A European Journal, 2017, 23, 7785-7790.	3.3	48
4	Imaging of Hypochlorous Acid by Fluorescence and Applications in Biological Systems. Chemistry - an Asian Journal, 2019, 14, 3048-3084.	3.3	46
5	Substituent Effects in BODIPY in Live Cell Imaging. Chemistry - an Asian Journal, 2016, 11, 3598-3605.	3.3	40
6	Nerve agent simulant diethyl chlorophosphate detection using a cyclization reaction approach with high stokes shift system. New Journal of Chemistry, 2017, 41, 1653-1658.	2.8	39
7	Thiomaleimide Functionalization for Selective Biological Fluorescence Detection of Peroxynitrite as Tested in HeLa and RAW 264.7 Cells. Chemistry - an Asian Journal, 2017, 12, 1927-1934.	3.3	37
8	Aqueous Redâ€Emissive Probe for the Selective Fluorescent Detection of Cysteine by Deprotection/Cyclization Cascade Resulting in Large Stokesâ€™ Shift. Chemistry - A European Journal, 2018, 24, 5623-5629.	3.3	33
9	A selective fluorescent probe for cysteine and its imaging in live cells. RSC Advances, 2014, 4, 64183-64186.	3.6	29
10	Diselenide-based probe for the selective imaging of hypochlorite in living cancer cells. RSC Advances, 2016, 6, 32013-32017.	3.6	24
11	Overriding Phthalate Decomposition When Exploring Mycophenolic Acid Intermediates as Selenium-Based ROS Biological Probes. ACS Omega, 2018, 3, 13474-13483.	3.5	21
12	Extremely selective fluorescence detection of cysteine or superoxide with aliphatic ester hydrolysis. RSC Advances, 2014, 4, 46513-46516.	3.6	20
13	Novel intramolecular Ï€â€“Ï€-interaction in a BODIPY system by oxidation of a single selenium center: geometrical stamping and spectroscopic and spectrometric distinctions. Dalton Transactions, 2017, 46, 4111-4117.	3.3	16
14	Inexpensive water soluble methyl methacrylate-functionalized hydroxyphthalimide: variations of the mycophenolic acid core for selective live cell imaging of free cysteine. Analyst, The, 2021, 146, 2212-2220.	3.5	11
15	Physiological and Behavioral Effects of SiO2 Nanoparticle Ingestion on Daphnia magna. Micromachines, 2021, 12, 1105.	2.9	10
16	Sodium and Potassium Relating to Parkinsonâ€™s Disease and Traumatic Brain Injury. Metal Ions in Life Sciences, 2016, 16, 585-601.	2.8	10
17	Bioinorganic Chemistry of the Alkali Metal Ions. Metal Ions in Life Sciences, 2016, 16, 1-10.	2.8	7
18	Didactic approach recounting advances and limitations in novel glutathione and cysteine detection (reduced GSH probe) with mixed coumarin, aldehyde, and phenylâ€“selenium chemistry. Methods in Enzymology, 2020, 640, 267-289.	1.0	7