

# Min Hee Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

8,644  
citations

147726

31  
h-index

138417

58  
g-index

59  
all docs

59  
docs citations

59  
times ranked

8784  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new trend in rhodamine-based chemosensors: application of spirolactam ring-opening to sensing ions. <i>Chemical Society Reviews</i> , 2008, 37, 1465.	18.7	1,527
2	Small molecule-based ratiometric fluorescence probes for cations, anions, and biomolecules. <i>Chemical Society Reviews</i> , 2015, 44, 4185-4191.	18.7	1,379
3	Disulfide-Cleavage-Triggered Chemosensors and Their Biological Applications. <i>Chemical Reviews</i> , 2013, 113, 5071-5109.	23.0	687
4	Multifunctional sonosensitizers in sonodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2020, 49, 3244-3261.	18.7	560
5	Mitochondria-Immobilized pH-Sensitive Off-On Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2014, 136, 14136-14142.	6.6	395
6	Hepatocyte-Targeting Single Galactose-Appended Naphthalimide: A Tool for Intracellular Thiol Imaging in Vivo. <i>Journal of the American Chemical Society</i> , 2012, 134, 1316-1322.	6.6	379
7	Highly Sensitive and Selective Chemosensor for Hg <sup>2+</sup> -Based on the Rhodamine Fluorophore. <i>Organic Letters</i> , 2007, 9, 2501-2504.	2.4	311
8	Direct Fluorescence Monitoring of the Delivery and Cellular Uptake of a Cancer-Targeted RGD Peptide-Appended Naphthalimide Theragnostic Prodrug. <i>Journal of the American Chemical Society</i> , 2012, 134, 12668-12674.	6.6	274
9	Fluorogenic reaction-based prodrug conjugates as targeted cancer theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 28-52.	18.7	270
10	A novel strategy to selectively detect Fe(III) in aqueous media driven by hydrolysis of a rhodamine 6G Schiff base. <i>Chemical Communications</i> , 2010, 46, 1407-1409.	2.2	251
11	Metal Ion Induced FRET OFF-ON in Tren/Dansyl-Appended Rhodamine. <i>Organic Letters</i> , 2008, 10, 213-216.	2.4	236
12	Nanomolar Hg(II) Detection Using Nile Blue Chemodosimeter in Biological Media. <i>Organic Letters</i> , 2009, 11, 2101-2104.	2.4	228
13	Two-Color Probe to Monitor a Wide Range of pH Values in Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6206-6209.	7.2	227
14	Disulfide-Based Multifunctional Conjugates for Targeted Theranostic Drug Delivery. <i>Accounts of Chemical Research</i> , 2015, 48, 2935-2946.	7.6	205
15	Naphthalimide trifluoroacetyl acetate: a hydrazine-selective chemodosimetric sensor. <i>Chemical Science</i> , 2013, 4, 4121.	3.7	195
16	Mitochondrial Thioredoxin-Responding Off-On Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2012, 134, 17314-17319.	6.6	151
17	Liposomal Texaphyrin Theranostics for Metastatic Liver Cancer. <i>Journal of the American Chemical Society</i> , 2016, 138, 16380-16387.	6.6	130
18	Ion-Induced FRET On-Off in Fluorescent Calix[4]arene. <i>Journal of Organic Chemistry</i> , 2007, 72, 4242-4245.	1.7	98

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19	A fluorescence off-on reporter for real time monitoring of gemcitabine delivery to the cancer cells. <i>Chemical Communications</i> , 2013, 49, 7141.	2.2	80
20	Toward a Chemical Marker for Inflammatory Disease: A Fluorescent Probe for Membrane-Localized Thioredoxin. <i>Journal of the American Chemical Society</i> , 2014, 136, 8430-8437.	6.6	76
21	An endoplasmic reticulum-selective ratiometric fluorescent probe for imaging a copper pool. <i>Chemical Communications</i> , 2017, 53, 4457-4460.	2.2	65
22	Recent advances in fluorescent probes for cellular antioxidants: Detection of NADH, hNQO1, H <sub>2</sub> S, and other redox biomolecules. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213613.	9.5	60
23	A ratiometric fluorescent probe for Zn <sup>2+</sup> based on pyrene-appended naphthalimide-dipicolylamine. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 50-55.	4.0	56
24	High-depth fluorescence imaging using a two-photon FRET system for mitochondrial pH in live cells and tissues. <i>Chemical Communications</i> , 2018, 54, 13531-13534.	2.2	48
25	Naphthalimide-4-(4-nitrophenyl)thiosemicarbazide: A Fluorescent Probe for Simultaneous Monitoring of Viscosity and Nitric Oxide in Living Cells. <i>Analytical Chemistry</i> , 2021, 93, 4391-4397.	3.2	42
26	Water-sensitive ratiometric fluorescent probes and application to test strip for rapid and reversible detection of water. <i>Dyes and Pigments</i> , 2019, 165, 421-428.	2.0	40
27	Anion Responsive TTF-Appended Calix[4]arenes. Synthesis and Study of Two Different Conformers. <i>Journal of Organic Chemistry</i> , 2011, 76, 870-874.	1.7	37
28	A fluorescent probe for the Fe <sup>3+</sup> ion pool in endoplasmic reticulum in liver cells. <i>Dyes and Pigments</i> , 2016, 130, 245-250.	2.0	36
29	A resorufin-based fluorescent turn-on probe responsive to nitroreductase activity and its application to bacterial detection. <i>Dyes and Pigments</i> , 2019, 171, 107779.	2.0	33
30	A highly selective dual-channel fluorescent probe for the detection of Zn <sup>2+</sup> ion and pyrophosphate in micelle. <i>Dyes and Pigments</i> , 2018, 149, 915-920.	2.0	32
31	A fluorescent probe for copper and hypochlorite based on rhodamine hydrazide framework. <i>Tetrahedron Letters</i> , 2017, 58, 3887-3893.	0.7	30
32	A coumarin-naphthalimide hybrid as a dual emissive fluorescent probe for hNQO1. <i>Dyes and Pigments</i> , 2019, 164, 341-345.	2.0	30
33	Strategies of Detecting Bacteria Using Fluorescence-Based Dyes. <i>Frontiers in Chemistry</i> , 2021, 9, 743923.	1.8	26
34	Synthesis of fluorescent naphthalimide-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles and their application for the selective detection of Zn <sup>2+</sup> present in contaminated soil. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 1034-1041.	4.0	24
35	A red-emitting styrylnaphthalimide-based fluorescent probe providing a ratiometric signal change for the precise and quantitative detection of H <sub>2</sub> O <sub>2</sub> . <i>Analytica Chimica Acta</i> , 2019, 1080, 153-161.	2.6	21
36	Ratiometric fluorescent probe for monitoring tyrosinase activity in melanosomes of melanoma cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128306.	4.0	21

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37	Mitochondria-targetable red-emitting probe for real-time fluorescence monitoring of NAD(P)H in live cells. <i>Dyes and Pigments</i> , 2019, 170, 107561.	2.0	17
38	Enhanced Aggregability of AIE-Based Probe through H <sub>2</sub> S-Selective Triggered Dimerization and Its Applications to Biological Systems. <i>ACS Omega</i> , 2019, 4, 7176-7181.	1.6	17
39	Acid-triggered release of doxorubicin from a hydrazone-linked Gd <sup>3+</sup> -texaphyrin conjugate. <i>Chemical Communications</i> , 2016, 52, 10551-10554.	2.2	16
40	Self-Calibrating Bipartite Fluorescent Sensor for Nitroreductase Activity and Its Application to Cancer and Hypoxic Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 2052-2057.	2.3	16
41	Camptothecin delivery into hepatoma cell line by galactose-appended fluorescent drug delivery system. <i>RSC Advances</i> , 2014, 4, 18744.	1.7	15
42	π-Extended Tetraphenylethylene Containing a Dicyanovinyl Group as an Ideal Fluorescence Turn-On and Naked-Eye Color Change Probe for Hydrazine Detection. <i>ACS Omega</i> , 2020, 5, 28369-28374.	1.6	15
43	Turn-on fluorescent detection of strong acids based on a naphthalimide-indoline hybrid. <i>Tetrahedron Letters</i> , 2017, 58, 3178-3182.	0.7	13
44	Cancer-Specific hNQO1-Responsive Biocompatible Naphthalimides Providing a Rapid Fluorescent Turn-On with an Enhanced Enzyme Affinity. <i>Sensors</i> , 2020, 20, 53.	2.1	13
45	Tren-spaced rhodamine and pyrene fluorophores: Excimer modulation with metal ion complexation. <i>Supramolecular Chemistry</i> , 2009, 21, 135-141.	1.5	11
46	Bis(Naphthalimide-Piperazine)-Based Off-On Fluorescent Probe for Acids. <i>Journal of Fluorescence</i> , 2016, 26, 807-811.	1.3	11
47	A dicyanocoumarin-fused quinolinium based probe for NAD(P)H and its use for detecting glycolysis and hypoxia in living cells and tumor spheroids. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128360.	4.0	11
48	A fluorogenic calix[4]pyrrole with a small rigid strap showing different fluorescent responses to anions. <i>Supramolecular Chemistry</i> , 2017, 29, 651-657.	1.5	10
49	Ratiometric Fluorescence Assay for Nitroreductase Activity: Locked-Flavylum Fluorophore as a NTR-Sensitive Molecular Probe. <i>Molecules</i> , 2021, 26, 1088.	1.7	9
50	Trimethyl Lock Quinone-Functionalized Coumarin for Real-time Monitoring of NQO1 Activity in the Live Cells. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 119-123.	1.0	7
51	Cell-specific activation of gemcitabine by endogenous H <sub>2</sub> S stimulation and tracking through simultaneous fluorescence turn-on. <i>Chemical Communications</i> , 2021, 57, 9614-9617.	2.2	7
52	Versatile naphthalimides: Their optical and biological behavior and applications from sensing to therapeutic purposes. <i>Dyes and Pigments</i> , 2022, 201, 110195.	2.0	7
53	A Turn-On Fluorescent Rhodamine-acyl Hydrazide for Selective Detection of Cu <sup>2+</sup> Ions. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 329-333.	1.0	6
54	A Fluorescent Cy7-Mercaptopyridine for the Selective Detection of Glutathione over Homocysteine and Cysteine. <i>Sensors</i> , 2018, 18, 2897.	2.1	6

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55	Fluorogenic sensing of mitochondrial electron transferring dehydrogenase using a trimethyl lock quinone-linked hemicyanine. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128578.	4.0	4
56	Acrylamide-Coumarin-Benzaldehyde as a Turn-on Fluorescent Probe Providing an Enhanced Water Solubility for Detection of Cysteine and Homocysteine. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 539-543.	1.0	3
57	An indole-based fluorescent chemosensor targeting the autophagosome. <i>Chemical Communications</i> , 2022, 58, 2886-2889.	2.2	1
58	Perineal Metastatic Clear Cell Renal Cell Carcinoma: A Case Report. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 274.	0.1	0