Eunha Kim

List of Publications by Year
in descending order

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62 papers	2,817 citations	257450 24 h-index	175258 52 g-index
69 all docs	69 docs citations	69 times ranked	4634 citing authors

#	Article	IF	Citations
1	Recent trends in molecular aggregates: An exploration of biomedicine. Aggregate, 2022, 3, .	9.9	50
2	Harnessing aggregation-induced emission property of indolizine derivative as a fluorogenic bioprobe for endoplasmic reticulum. Dyes and Pigments, 2022, 200, 110118.	3.7	5
3	Development of Small-Molecule STING Activators for Cancer Immunotherapy. Biomedicines, 2022, 10, 33.	3.2	8
4	Single-Molecule Sensing of an Anticancer Therapeutic Proteinâ€“Protein Interaction Using the Chemically Modified OmpG Nanopore. Analytical Chemistry, 2022, 94, 7449-7454.	6.5	11
5	In vivo vocal fold augmentation using an injectable polyethylene glycol hydrogel based on click chemistry. Biomaterials Science, 2021, 9, 108-115.	5.4	9
6	VOCkit: A low-cost IoT sensing platform for volatile organic compound classification. Ad Hoc Networks, 2021, 113, 102360.	5.5	10
7	Kaleidoscopic fluorescent arrays for machine-learning-based point-of-care chemical sensing. Sensors and Actuators B: Chemical, 2021, 329, 129248.	7.8	11
8	Fluorescent Fluoride Sensor Based on Indolizine Core Skeleton for Bioimaging. Bulletin of the Korean Chemical Society, 2021, 42, 95-98.	1.9	9
9	Overview of Syntheses and Molecular-Design Strategies for Tetrazine-Based Fluorogenic Probes. Molecules, 2021, 26, 1868.	3.8	29
10	Fluorescent Materials for Monitoring Mitochondrial Biology. Materials, 2021, 14, 4180.	2.9	6
11	Self-assembled hyaluronic acid nanoparticles for osteoarthritis treatment. Biomaterials, 2021, 275, 120967.	11.4	53
12	A tetrazine-fused aggregation induced emission luminogen for bioorthogonal fluorogenic bioprobe. Sensors and Actuators B: Chemical, 2021, 340, 129966.	7.8	15
13	Highly sensitive, selective, and rapid response colorimetric chemosensor for naked eye detection of hydrogen sulfide gas under versatile conditions: Solution, thin-film, and wearable fabric. Sensors and Actuators B: Chemical, 2021, 341, 130013.	7.8	17
14	Fluorescent sensor array for high-precision pH classification with machine learning-supported mobile devices. Dyes and Pigments, 2021, 193, 109492.	3.7	9
15	Design, synthesis, and biological evaluation of N-arylpiperazine derivatives as interferon inducers. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127613.	2.2	5
16	Full Color Tunable Aggregation-Induced Emission Luminogen for Bioimaging Based on an Indolizine Molecular Framework. Bioconjugate Chemistry, 2020, 31, 2522-2532.	3.6	25
17	A Novel Small-Molecule Inhibitor of Endosomal TLRs Reduces Inflammation and Alleviates Autoimmune Disease Symptoms in Murine Models. Cells, 2020, 9, 1648.	4.1	8
18	A Dodecapeptide Selected by Phage Display as a Potential Theranostic Probe for Colon Cancers. Translational Oncology, 2020, 13, 100798.	3.7	7

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19	Near-Infrared Light-Triggered Photodynamic Therapy and Apoptosis Using Upconversion Nanoparticles With Dual Photosensitizers. Frontiers in Bioengineering and Biotechnology, 2020, 8, 275.	4.1	42
20	Intravital longitudinal imaging of hepatic lipid droplet accumulation in a murine model for nonalcoholic fatty liver disease. Biomedical Optics Express, 2020, 11, 5132.	2.9	17
21	Biomedical applications of copper-free click chemistry: in vitro, in vivo, and ex vivo. Chemical Science, 2019, 10, 7835-7851.	7.4	245
22	Designing a Low-Cost IoT Sensing Platform for VOC Material Classification. , 2019, , .		3
23	Development of Azo-Based Turn-On Chemical Array System for Hydrazine Detection with Fluorescence Pattern Analysis. ACS Omega, 2019, 4, 14875-14885.	3.5	12
24	Click chemistry-mediated tumor-targeting of SN38-loaded nanoparticles using trastuzumab. Biochemical and Biophysical Research Communications, 2019, 515, 207-213.	2.1	9
25	Development of Theragnostic Tool Using NIR Fluorescence Probe Targeting Mitochondria in Glioma Cells. Bioconjugate Chemistry, 2019, 30, 1642-1648.	3.6	8
26	A New Infrared Probe Targeting Mitochondria via Regulation of Molecular Hydrophobicity. Bioconjugate Chemistry, 2019, 30, 210-217.	3.6	14
27	Templateâ€free anionâ€controlled synthesis of Pd (II) nanoâ€aggregates for the antifouling polymerization of CO and ethylene. Applied Organometallic Chemistry, 2019, 33, e4761.	3.5	2
28	Multiplexed Profiling of Single Extracellular Vesicles. ACS Nano, 2018, 12, 494-503.	14.6	256
29	Near infrared imaging of Mer tyrosine kinase (MERTK) using MERi-SiR reveals tumor associated macrophage uptake in metastatic disease. Chemical Communications, 2018, 54, 42-45.	4.1	21
30	Monochromophoric Design Strategy for Tetrazine-Based Colorful Bioorthogonal Probes with a Single Fluorescent Core Skeleton. Journal of the American Chemical Society, 2018, 140, 974-983.	13.7	97
31	Volatile Organic Compounds Recognition Using a Smartphone Camera and Fluorometric Sensors. , 2018, , .		4
32	Near-IR Fluorescent Tracer for Glucose-Uptake Monitoring in Live Cells. Bioconjugate Chemistry, 2018, 29, 3394-3401.	3.6	22
33	Characterization of AJ5012 as a Novel Peripheral Cannabinoid 1 Receptor Antagonist in Mouse Models of Obesity. Diabetes, 2018, 67, 2026-P.	0.6	0
34	Neuronâ€“Material Nanointerfaces: Surface Nanotopography Governs Neuronal Differentiation and Development. ChemNanoMat, 2017, 3, 278-287.	2.8	17
35	Quantitating drug-target engagement in single cells in vitro and in vivo. Nature Chemical Biology, 2017, 13, 168-173.	8.0	81
36	Development of fluorescent mitochondria probe based on 1,2-dihydropyrrolo[3,4-b]indolizine-3-one. Dyes and Pigments, 2017, 145, 461-468.	3.7	17

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37	Facile Coating Strategy to Functionalize Inorganic Nanoparticles for Biosensing. Bioconjugate Chemistry, 2017, 28, 33-37.	3.6	13
38	A high-content screening platform with fluorescent chemical probes for the discovery of first-in-class therapeutics. Chemical Communications, 2016, 52, 7433-7445.	4.1	9
39	Replacement of Dialkyl Amino Group on Dâ€“A Type Fluorophores to Increase the Brightness. Bulletin of the Korean Chemical Society, 2016, 37, 1741-1742.	1.9	2
40	Tetrazine ligation for chemical proteomics. Proteome Science, 2016, 15, 15.	1.7	33
41	Cell Adhesion: Bioorthogonal Click Chemistry-Based Synthetic Cell Glue(Small 48/2015). Small, 2015, 11, 6457-6457.	10.0	1
42	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue. Small, 2015, 11, 6458-6466.	10.0	47
43	On Chip Analysis of CNS Lymphoma in Cerebrospinal Fluid. Theranostics, 2015, 5, 796-804.	10.0	12
44	Optimized Near-IR Fluorescent Agents for in Vivo Imaging of Btk Expression. Bioconjugate Chemistry, 2015, 26, 1513-1518.	3.6	46
45	Discovery, Understanding, and Bioapplication of Organic Fluorophore: A Case Study with an Indolizine-Based Novel Fluorophore, Seoul-Fluor. Accounts of Chemical Research, 2015, 48, 538-547.	15.6	222
46	Single-cell pharmacokinetic imaging reveals a therapeutic strategy to overcome drug resistance to the microtubule inhibitor eribulin. Science Translational Medicine, 2014, 6, 261ra152.	12.4	71
47	Red Siâ€“rhodamine drug conjugates enable imaging in GFP cells. Chemical Communications, 2014, 50, 4504.	4.1	43
48	Rational Perturbation of the Fluorescence Quantum Yield in Emissionâ€Tunable and Predictable Fluorophores (Seoulâ€Fluors) by a Facile Synthetic Method Involving Cï£¿H Activation. Angewandte Chemie - International Edition, 2014, 53, 1346-1350.	13.8	66
49	Single cell imaging of Bruton's Tyrosine Kinase using an irreversible inhibitor. Scientific Reports, 2014, 4, 4782.	3.3	37
50	Fluorescent chemosensor for biological zinc ions. Supramolecular Chemistry, 2013, 25, 2-6.	1.2	9
51	Discovery of autophagy modulators through the construction of a high-content screening platform via monitoring of lipid droplets. Chemical Science, 2013, 4, 3282.	7.4	26
52	Bioorthogonal Small Molecule Imaging Agents Allow Single-Cell Imaging of MET. PLoS ONE, 2013, 8, e81275.	2.5	15
53	A Seoul-Fluor-based bioprobe for lipid droplets and its application in image-based high throughput screening. Chemical Communications, 2012, 48, 2331.	4.1	89
54	Photochemical generation of a new, highly fluorescent compound from non-fluorescent resveratrol. Chemical Communications, 2012, 48, 3839.	4.1	38

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55	A selective Seoul-Fluor-based bioprobe, SfBP, for vaccinia H1-related phosphataseâ€"a dual-specific protein tyrosine phosphatase. Chemical Communications, 2012, 48, 6553.	4.1	21
56	Emission Wavelength Prediction of a Full-Color-Tunable Fluorescent Core Skeleton, 9-Aryl-1,2-dihydropyrrolo[3,4-b]indolizin-3-one. Journal of the American Chemical Society, 2011, 133, 6642-6649.	13.7	177
57	9-Aryl-1,2-dihydropyrrolo[3,4-b]indolizin-3-one (Seoul-Fluor) as a smart platform for colorful ratiometric fluorescent pH sensors. Chemical Communications, 2011, 47, 7734.	4.1	34
58	Discovery of New Fluorescent Dyes: Targeted Synthesis or Combinatorial Approach?. Springer Series on Fluorescence, 2010, , 149-186.	0.8	13
59	Chemistry as a Prism: A Review of Lightâ€Emitting Materials Having Tunable Emission Wavelengths. Chemistry - an Asian Journal, 2009, 4, 1646-1658.	3.3	130
60	Combinatorial Discovery of Full-Color-Tunable Emissive Fluorescent Probes Using a Single Core Skeleton, 1,2-Dihydropyrrolo[3,4-Î²]indolizin-3-one. Journal of the American Chemical Society, 2008, 130, 12206-12207.	13.7	139
61	Concise and diversity-oriented synthesis of novel scaffolds embedded with privileged benzopyran motif. Chemical Communications, 2006, , 2962.	4.1	59
62	Specific Targeting, Cell Sorting, and Bioimaging with Smart Magnetic Silica Core-Shell Nanomaterials. Small, 2006, 2, 209-215.	10.0	291