

Eunha Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2761972/publications.pdf>

Version: 2024-02-01

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	Specific Targeting, Cell Sorting, and Bioimaging with Smart Magnetic Silica Core-Shell Nanomaterials. <i>Small</i> , 2006, 2, 209-215.	10.0	291
2	Multiplexed Profiling of Single Extracellular Vesicles. <i>ACS Nano</i> , 2018, 12, 494-503.	14.6	256
3	Biomedical applications of copper-free click chemistry: <i>in vitro</i> , <i>in vivo</i> , and <i>ex vivo</i> . <i>Chemical Science</i> , 2019, 10, 7835-7851.	7.4	245
4	Discovery, Understanding, and Bioapplication of Organic Fluorophore: A Case Study with an Indolizine-Based Novel Fluorophore, Seoul-Fluor. <i>Accounts of Chemical Research</i> , 2015, 48, 538-547.	15.6	222
5	Emission Wavelength Prediction of a Full-Color-Tunable Fluorescent Core Skeleton, 9-Aryl-1,2-dihydropyrrolo[3,4- <i>b</i>]indolizin-3-one. <i>Journal of the American Chemical Society</i> , 2011, 133, 6642-6649.	13.7	177
6	Combinatorial Discovery of Full-Color-Tunable Emissive Fluorescent Probes Using a Single Core Skeleton, 1,2-Dihydropyrrolo[3,4- <i>b</i>]indolizin-3-one. <i>Journal of the American Chemical Society</i> , 2008, 130, 12206-12207.	13.7	139
7	Chemistry as a Prism: A Review of Light-Emitting Materials Having Tunable Emission Wavelengths. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1646-1658.	3.3	130
8	Monochromophoric Design Strategy for Tetrazine-Based Colorful Bioorthogonal Probes with a Single Fluorescent Core Skeleton. <i>Journal of the American Chemical Society</i> , 2018, 140, 974-983.	13.7	97
9	A Seoul-Fluor-based bioprobe for lipid droplets and its application in image-based high throughput screening. <i>Chemical Communications</i> , 2012, 48, 2331.	4.1	89
10	Quantitating drug-target engagement in single cells <i>in vitro</i> and <i>in vivo</i> . <i>Nature Chemical Biology</i> , 2017, 13, 168-173.	8.0	81
11	Single-cell pharmacokinetic imaging reveals a therapeutic strategy to overcome drug resistance to the microtubule inhibitor eribulin. <i>Science Translational Medicine</i> , 2014, 6, 261ra152.	12.4	71
12	Rational Perturbation of the Fluorescence Quantum Yield in Emission-Tunable and Predictable Fluorophores (Seoul-Fluors) by a Facile Synthetic Method Involving C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1346-1350.	13.8	66
13	Concise and diversity-oriented synthesis of novel scaffolds embedded with privileged benzopyran motif. <i>Chemical Communications</i> , 2006, , 2962.	4.1	59
14	Self-assembled hyaluronic acid nanoparticles for osteoarthritis treatment. <i>Biomaterials</i> , 2021, 275, 120967.	11.4	53
15	Recent trends in molecular aggregates: An exploration of biomedicine. <i>Aggregate</i> , 2022, 3, .	9.9	50
16	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue. <i>Small</i> , 2015, 11, 6458-6466.	10.0	47
17	Optimized Near-IR Fluorescent Agents for <i>in Vivo</i> Imaging of Btk Expression. <i>Bioconjugate Chemistry</i> , 2015, 26, 1513-1518.	3.6	46
18	Red Si-rhodamine drug conjugates enable imaging in GFP cells. <i>Chemical Communications</i> , 2014, 50, 4504.	4.1	43

#	ARTICLE	IF	CITATIONS
19	Near-Infrared Light-Triggered Photodynamic Therapy and Apoptosis Using Upconversion Nanoparticles With Dual Photosensitizers. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 275.	4.1	42
20	Photochemical generation of a new, highly fluorescent compound from non-fluorescent resveratrol. <i>Chemical Communications</i> , 2012, 48, 3839.	4.1	38
21	Single cell imaging of Bruton's Tyrosine Kinase using an irreversible inhibitor. <i>Scientific Reports</i> , 2014, 4, 4782.	3.3	37
22	9-Aryl-1,2-dihydropyrrolo[3,4-b]indolizin-3-one (Seoul-Fluor) as a smart platform for colorful ratiometric fluorescent pH sensors. <i>Chemical Communications</i> , 2011, 47, 7734.	4.1	34
23	Tetrazine ligation for chemical proteomics. <i>Proteome Science</i> , 2016, 15, 15.	1.7	33
24	Overview of Syntheses and Molecular-Design Strategies for Tetrazine-Based Fluorogenic Probes. <i>Molecules</i> , 2021, 26, 1868.	3.8	29
25	Discovery of autophagy modulators through the construction of a high-content screening platform via monitoring of lipid droplets. <i>Chemical Science</i> , 2013, 4, 3282.	7.4	26
26	Full Color Tunable Aggregation-Induced Emission Luminogen for Bioimaging Based on an Indolizine Molecular Framework. <i>Bioconjugate Chemistry</i> , 2020, 31, 2522-2532.	3.6	25
27	Near-IR Fluorescent Tracer for Glucose-Uptake Monitoring in Live Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 3394-3401.	3.6	22
28	A selective Seoul-Fluor-based bioprobe, SfBP, for vaccinia H1-related phosphatase- α dual-specific protein tyrosine phosphatase. <i>Chemical Communications</i> , 2012, 48, 6553.	4.1	21
29	Near infrared imaging of Mer tyrosine kinase (<i>MERTK</i>) using MERi-SiR reveals tumor associated macrophage uptake in metastatic disease. <i>Chemical Communications</i> , 2018, 54, 42-45.	4.1	21
30	Neuron-Material Nanointerfaces: Surface Nanotopography Governs Neuronal Differentiation and Development. <i>ChemNanoMat</i> , 2017, 3, 278-287.	2.8	17
31	Development of fluorescent mitochondria probe based on 1,2-dihydropyrrolo[3,4-b]indolizine-3-one. <i>Dyes and Pigments</i> , 2017, 145, 461-468.	3.7	17
32	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. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 130013.	7.8	17
33	Intravital longitudinal imaging of hepatic lipid droplet accumulation in a murine model for nonalcoholic fatty liver disease. <i>Biomedical Optics Express</i> , 2020, 11, 5132.	2.9	17
34	Bioorthogonal Small Molecule Imaging Agents Allow Single-Cell Imaging of MET. <i>PLoS ONE</i> , 2013, 8, e81275.	2.5	15
35	A tetrazine-fused aggregation induced emission luminogen for bioorthogonal fluorogenic bioprobe. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129966.	7.8	15
36	A New Infrared Probe Targeting Mitochondria via Regulation of Molecular Hydrophobicity. <i>Bioconjugate Chemistry</i> , 2019, 30, 210-217.	3.6	14

#	ARTICLE	IF	CITATIONS
37	Discovery of New Fluorescent Dyes: Targeted Synthesis or Combinatorial Approach?. Springer Series on Fluorescence, 2010, , 149-186.	0.8	13
38	Facile Coating Strategy to Functionalize Inorganic Nanoparticles for Biosensing. Bioconjugate Chemistry, 2017, 28, 33-37.	3.6	13
39	On Chip Analysis of CNS Lymphoma in Cerebrospinal Fluid. Theranostics, 2015, 5, 796-804.	10.0	12
40	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
41	Kaleidoscopic fluorescent arrays for machine-learning-based point-of-care chemical sensing. Sensors and Actuators B: Chemical, 2021, 329, 129248.	7.8	11
42	Single-Molecule Sensing of an Anticancer Therapeutic Protein-Protein Interaction Using the Chemically Modified OmpG Nanopore. Analytical Chemistry, 2022, 94, 7449-7454.	6.5	11
43	VOckit: A low-cost IoT sensing platform for volatile organic compound classification. Ad Hoc Networks, 2021, 113, 102360.	5.5	10
44	Fluorescent chemosensor for biological zinc ions. Supramolecular Chemistry, 2013, 25, 2-6.	1.2	9
45	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
46	Click chemistry-mediated tumor-targeting of SN38-loaded nanoparticles using trastuzumab. Biochemical and Biophysical Research Communications, 2019, 515, 207-213.	2.1	9
47	<i>In vivo</i> vocal fold augmentation using an injectable polyethylene glycol hydrogel based on click chemistry. Biomaterials Science, 2021, 9, 108-115.	5.4	9
48	Fluorescent Fluoride Sensor Based on Indolizine Core Skeleton for Bioimaging. Bulletin of the Korean Chemical Society, 2021, 42, 95-98.	1.9	9
49	Fluorescent sensor array for high-precision pH classification with machine learning-supported mobile devices. Dyes and Pigments, 2021, 193, 109492.	3.7	9
50	Development of Theragnostic Tool Using NIR Fluorescence Probe Targeting Mitochondria in Glioma Cells. Bioconjugate Chemistry, 2019, 30, 1642-1648.	3.6	8
51	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
52	Development of Small-Molecule STING Activators for Cancer Immunotherapy. Biomedicines, 2022, 10, 33.	3.2	8
53	A Dodecapeptide Selected by Phage Display as a Potential Theranostic Probe for Colon Cancers. Translational Oncology, 2020, 13, 100798.	3.7	7
54	Fluorescent Materials for Monitoring Mitochondrial Biology. Materials, 2021, 14, 4180.	2.9	6

#	ARTICLE	IF	CITATIONS
55	Design, synthesis, and biological evaluation of N-arylpiperazine derivatives as interferon inducers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127613.	2.2	5
56	Harnessing aggregation-induced emission property of indolizine derivative as a fluorogenic bioprobe for endoplasmic reticulum. <i>Dyes and Pigments</i> , 2022, 200, 110118.	3.7	5
57	Volatile Organic Compounds Recognition Using a Smartphone Camera and Fluorometric Sensors. , 2018, , .		4
58	Designing a Low-Cost IoT Sensing Platform for VOC Material Classification. , 2019, , .		3
59	Replacement of Dialkyl Amino Group on Dâ€“A Type Fluorophores to Increase the Brightness. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1741-1742.	1.9	2
60	Templateâ€“free anionâ€“controlled synthesis of Pd (II) nanoâ€“aggregates for the antifouling polymerization of CO and ethylene. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4761.	3.5	2
61	Cell Adhesion: Bioorthogonal Click Chemistry-Based Synthetic Cell Glue(Small 48/2015). <i>Small</i> , 2015, 11, 6457-6457.	10.0	1
62	Characterization of AJ5012 as a Novel Peripheral Cannabinoid 1 Receptor Antagonist in Mouse Models of Obesity. <i>Diabetes</i> , 2018, 67, 2026-P.	0.6	0