Sung-Bae Kim

List of Publications by Year
in descending order

66	1,192	430442 18	395343 33
papers	citations	h-index	g-index

70	70	70	848
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Color-tunable bioluminescence imaging portfolio for cell imaging. Scientific Reports, 2021, 11, 2219.	1.6	15
2	Near-Infrared Bioluminescence Imaging of Animal Cells with Through-Bond Energy Transfer Cassette. Methods in Molecular Biology, 2021, 2274, 103-110.	0.4	1
3	Highly Bright NIR-BRET System for Imaging Molecular Events in Live Cells. Methods in Molecular Biology, 2021, 2274, 247-259.	0.4	0
4	Luciferase-Specific Coelenterazine Analogues for Optical Cross Talk-Free Bioassays. Methods in Molecular Biology, 2021, 2274, 127-138.	0.4	0
5	Azide- and Dye-Conjugated Coelenterazine Analogues for Imaging Mammalian Cells. Methods in Molecular Biology, 2021, 2274, 111-126.	0.4	0
6	A New Lineage of Artificial Luciferases for Mammalian Cell Imaging. Methods in Molecular Biology, 2021, 2274, 43-51.	0.4	0
7	Ligand-Activatable BRET9 Probes for Imaging Molecular Events in Living Mammalian Cells. Methods in Molecular Biology, 2021, 2274, 261-270.	0.4	0
8	Bioluminescent Imaging Systems for Assay Developments. Analytical Sciences, 2021, 37, 233-247.	0.8	19
9	Root extract of Angelica reflexa B.Y.Lee reduces allergic lung inflammation by regulating Th2 cell activation. Journal of Ethnopharmacology, 2021, 269, 113752.	2.0	1
10	Ligand-activated BRET9 imaging for measuring proteinâ€“protein interactions in living mice. Chemical Communications, 2020, 56, 281-284.	2.2	9
11	Highly sensitive eight-channel light sensing system for biomedical applications. Photochemical and Photobiological Sciences, 2020, 19, 524-529.	1.6	3
12	Biothiol-Activatable Bioluminescent Coelenterazine Derivative for Molecular Imaging in Vitro and in Vivo. Analytical Chemistry, 2019, 91, 9546-9553.	3.2	19
13	Highly bright and stable NIR-BRET with blue-shifted coelenterazine derivatives for deep-tissue imaging of molecular events in vivo. Theranostics, 2019, 9, 2646-2661.	4.6	31
14	Molecular Imaging of Retinoic Acids in Live Cells Using Single-Chain Bioluminescence Probes. ACS Combinatorial Science, 2019, 21, 473-481.	3.8	5
15	Nearâ€Infrared Bioluminescence Imaging with a throughâ€Bond Energy Transfer Cassette. ChemBioChem, 2019, 20, 1919-1923.	1.3	15
16	In vitro Determination of Rapamycin-triggered FKBP-FRB Interactions Using a Molecular Tension Probe. Analytical Sciences, 2019, 35, 71-78.	0.8	7
17	Azide- and Dye-Conjugated Coelenterazine Analogues for a Multiplex Molecular Imaging Platform. Bioconjugate Chemistry, 2018, 29, 1922-1931.	1.8	23
18	Fabrication of a New Lineage of Artificial Luciferases from Natural Luciferase Pools. ACS Combinatorial Science, 2017, 19, 594-599.	3.8	20

#	Article	IF	Citations
19	Luciferase-Specific Coelenterazine Analogues for Optical Contamination-Free Bioassays. Scientific Reports, 2017, 7, 908.	1.6	26
20	Fabrication of molecular tension probes. MethodsX, 2016, 3, 261-267.	0.7	0
21	A genetically encoded bioluminescent indicator for illuminating proinflammatory cytokines. MethodsX, 2016, 3, 483-489.	0.7	2
22	How to Fabricate Functional Artificial Luciferases for Bioassays. Methods in Molecular Biology, 2016, 1461, 43-53.	0.4	1
23	Fabrication of Molecular Strain Probes for Illuminating Proteinâ€“Protein Interactions. Methods in Molecular Biology, 2016, 1461, 175-182.	0.4	0
24	An ALuc-Based Molecular Tension Probe for Sensing Intramolecular Proteinâ€“Protein Interactions. Methods in Molecular Biology, 2016, 1461, 183-193.	0.4	0
25	Splitting-free Bioluminescence Imaging Probes and Their Applications. Bunseki Kagaku, 2016, 65, 361-369.	0.1	0
26	Single-Chain Probes for Illuminating Androgenicity of Chemicals. Methods in Molecular Biology, 2016, 1461, 143-151.	0.4	0
27	A Multichannel Bioluminescence Determination Platform for Bioassays. Methods in Molecular Biology, 2016, 1461, 271-278.	0.4	0
28	Genetically Encoded Molecular Tension Probe for Tracing Proteinâ€“Protein Interactions in Mammalian Cells. Bioconjugate Chemistry, 2016, 27, 354-362.	1.8	16
29	Multicolor Imaging of Bifacial Activities of Estrogens. Methods in Molecular Biology, 2016, 1461, 153-163.	0.4	0
30	A Bioluminescence Assay System for Imaging Metal Cationic Activities in Urban Aerosols. Methods in Molecular Biology, 2016, 1461, 279-287.	0.4	0
31	Circular Permutation Probes for Illuminating Phosphorylation of Estrogen Receptor. Methods in Molecular Biology, 2016, 1461, 165-173.	0.4	0
32	Cation-driven Optical Properties of Artificial Luciferases. Analytical Sciences, 2015, 31, 955-960.	0.8	8
33	Recent Advances in Molecular Imaging Technologies with Luciferases. Journal of the Japan Society of Colour Material, 2015, 88, 407-411.	0.0	0
34	Functional artificial luciferases as an optical readout for bioassays. Biochemical and Biophysical Research Communications, 2014, 448, 418-423.	1.0	23
35	Fabrication of Bioluminescent Capsules and Live-Cell Imaging. Methods in Molecular Biology, 2014, 1098, 117-125.	0.4	2
36	Creation of Artificial Luciferases for Bioassays. Bioconjugate Chemistry, 2013, 24, 2067-2075.	1.8	41

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37	Advances in Fluorescence and Bioluminescence Imaging. Analytical Chemistry, 2013, 85, 590-609.	3.2	186
38	A Bioluminescent Assay System for Whole-Cell Determination of Hormones. Chemical and Pharmaceutical Bulletin, 2013, 61, 706-713.	0.6	5
39	Creation of Bioassay Systems Using Bioluminescence. Bunseki Kagaku, 2013, 62, 637-644.	0.1	0
40	Intelligent Design of Nano-Scale Molecular Imaging Agents. International Journal of Molecular Sciences, 2012, 13, 16986-17005.	1.8	9
41	Labor-effective manipulation of marine and beetle luciferases for bioassays. Protein Engineering, Design and Selection, 2012, 25, 261-269.	1.0	16
42	Bioluminescent Capsules for Live-Cell Imaging. Bioconjugate Chemistry, 2012, 23, 2221-2228.	1.8	15
43	A Bioluminescent Probe for Salivary Cortisol. Bioconjugate Chemistry, 2011, 22, 1835-1841.	1.8	27
44	Superluminescent Variants of Marine Luciferases for Bioassays. Analytical Chemistry, 2011, 83, 8732-8740.	3.2	85
45	Nanoscale Titanium Dioxide Particles Modulate Signaling Cascades for Tumor Necrosis Factor-.ALPHA. Release from Macrophages. Journal of Health Science, 2011, 57, 177-183.	0.9	0
46	Creating bioluminescent indicators to visualise biological events in living cells and animals. Supramolecular Chemistry, 2010, 22, 440-449.	1.5	9
47	Genetically Encoded Bioluminescent Indicators for Stress Hormones. Analytical Chemistry, 2009, 81, 3760-3768.	3.2	15
48	Molecular Tension-Indexed Bioluminescent Probe for Determining Proteinâ^'Protein Interactions. Bioconjugate Chemistry, 2009, 20, 2324-2330.	1.8	23
49	Split Gaussia Luciferase-Based Bioluminescence Template for Tracing Protein Dynamics in Living Cells. Analytical Chemistry, 2009, 81, 67-74.	3.2	55
50	Determination of the Androgenicity of Ligands Using a Single-chain Probe Carrying Androgen Receptor N-Terminal Peptides. Analytical Sciences, 2009, 25, 1415-1420.	0.8	10
51	Molecular Imaging Probes Based on Bioluminescence and Fluorescence. Bunseki Kagaku, 2009, 58, 435-446.	0.1	0
52	Circularly Permutated Bioluminescent Probes for Illuminating Ligand-Activated Protein Dynamics. Bioconjugate Chemistry, 2008, 19, 2480-2486.	1.8	17
53	An Integrated-Molecule-Format Multicolor Probe for Monitoring Multiple Activities of a Bioactive Small Molecule. ACS Chemical Biology, 2008, 3, 359-372.	1.6	53
54	Nongenomic Activity of Ligands in the Association of Androgen Receptor with Src. ACS Chemical Biology, 2007, 2, 484-492.	1.6	35

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55	Integrated Molecule-Format Bioluminescent Probe for Visualizing Androgenicity of Ligands Based on the Intramolecular Association of Androgen Receptor with Its Recognition Peptide. Analytical Chemistry, 2007, 79, 1874-1880.	3.2	39
56	Bioluminescent Indicator for Determining Proteinâ^'Protein Interactions Using Intramolecular Complementation of Split Click Beetle Luciferase. Analytical Chemistry, 2007, 79, 4820-4826.	3.2	66
57	A proinflammatory cytokine sensor cell for assaying inflammatory activities of nanoparticles. Analytical Biochemistry, 2007, 362, 148-150.	1.1	10
58	A method for determining the activities of cytokines based on the nuclear transport of nuclear factor-ÎºB. Analytical Biochemistry, 2006, 359, 147-149.	1.1	5
59	Quantitative determination of heparin levels in serum with microtiter plate-format optode. Analytica Chimica Acta, 2006, 557, 117-122.	2.6	11
60	A genetically encoded indicator for assaying bioactive chemicals that induce nuclear transport of glucocorticoid receptor. Analytical Biochemistry, 2005, 347, 213-220.	1.1	13
61	Genetically Encoded Stress Indicator for Noninvasively Imaging Endogenous Corticosterone in Living Mice. Analytical Chemistry, 2005, 77, 6588-6593.	3.2	24
62	Quantitative Determination of Protein Nuclear Transport Induced by Phosphorylation or by Proteolysis. Analytical Chemistry, 2005, 77, 6928-6934.	3.2	21
63	High-throughput sensing and noninvasive imaging of protein nuclear transport by using reconstitution of split Renilla luciferase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11542-11547.	3.3	118
64	A Screening Method for Estrogens Using an Array-Type DNA Glass Slide. Analytical Sciences, 2003, 19, 499-504.	0.8	5
65	Determination of protamine using microtiter plate-format optodes. Analytica Chimica Acta, 2001, 439, 47-53.	2.6	15
66	Microtiter Plate-Format Optode. Analytical Chemistry, 1998, 70, 4860-4863.	3.2	18