Young Tae Chang

List of Publications by Year
in descending order

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388	22,964	9234 74	12558 132
papers	citations	h-index	g-index

417	417	417	26523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescent probe strategy for live cell distinction. Chemical Society Reviews, 2022, 51, 1573-1591.	18.7	56
2	Contagious Aggregation: Transmittable Protein Aggregation in Cellular Communities Initiated by Synthetic Cells. Journal of the American Chemical Society, 2022, 144, 5067-5073.	6.6	6
3	Live isolation of naÃ¯ve ESCs via distinct glucose metabolism and stored glycogen. Metabolic Engineering, 2022, 72, 97-106.	3.6	1
4	ABCB1 can actively pumpâ€out the backgroundâ€free tame fluorescent probe COâ€1 from live cells. Chemistry - an Asian Journal, 2022, , .	1.7	2
5	Casting Red Light for Bad Oil by Dual Turning-on Mechanisms of Fluorescence and Its Application in the Portable Platform. Sensors and Actuators B: Chemical, 2022, , 131866.	4.0	1
6	Mechanism assay of interaction between blood vessels-near infrared probe and cell surface marker proteins of endothelial cells. Materials Today Bio, 2022, 15, 100332.	2.6	1
7	Neuroprotective effects of ex vivo-expanded regulatory T cells on trimethyltin-induced neurodegeneration in mice. Journal of Neuroinflammation, 2022, 19, .	3.1	5
8	A Systematic Study on the Relationship Between Viscosity Sensitivity and <scp>Temperature Dependency</scp> of <scp>BODIPY</scp> Rotors. Bulletin of the Korean Chemical Society, 2021, 42, 91-94.	1.0	5
9	Neuronal Migration on Silicon Microcone Arrays with Different Pitches. Advanced Healthcare Materials, 2021, 10, e2000583.	3.9	5
10	Blue-conversion of organic dyes produces artifacts in multicolor fluorescence imaging. Chemical Science, 2021, 12, 8660-8667.	3.7	8
11	Target identification of mouse stem cell probe CDy1 as ALDH2 and Abcb1b through live-cell affinity-matrix and ABC CRISPRa library. RSC Chemical Biology, 2021, 2, 1590-1593.	2.0	3
12	Diversity-Oriented Fluorescence Library Approach (DOFLA) for Discovery of Cell-Permeable Probes for Applications in Live Cell Imaging. Methods in Pharmacology and Toxicology, 2021, , 179-197.	0.1	0
13	Gynura divaricata Water Extract Presented the Possibility to Enhance Neuronal Regeneration. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	3
14	Novel live cell fluorescent probe for human-induced pluripotent stem cells highlights early reprogramming population. Stem Cell Research and Therapy, 2021, 12, 113.	2.4	4
15	Application of Neuronâ€Selective Fluorescent Probe, NeuA, To Identify Mouse Retinal Degeneration. ChemBioChem, 2021, 22, 1915-1919.	1.3	1
16	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. Journal of the American Chemical Society, 2021, 143, 5836-5844.	6.6	19
17	Azide-based bioorthogonal chemistry: Reactions and its advances in cellular and biomolecular imaging. Biophysics Reviews, 2021, 2, .	1.0	2
18	A Nearâ€Infrared Organic Fluorescent Probe for Broad Applications for Blood Vessels Imaging by Highâ€Throughput Screening via 3Dâ€Blood Vessel Models. Small Methods, 2021, 5, e2100338.	4.6	13

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19	A Nearâ€Infrared Organic Fluorescent Probe for Broad Applications for Blood Vessels Imaging by Highâ€Throughput Screening via 3Dâ€Blood Vessel Models (Small Methods 8/2021). Small Methods, 2021, 5, 2170036.	4.6	0
20	Neutrophilâ€Selective Fluorescent Probe Development through Metabolismâ€Oriented Liveâ€Cell Distinction. Angewandte Chemie, 2021, 133, 23936.	1.6	0
21	Neutrophilâ€Selective Fluorescent Probe Development through Metabolismâ€Oriented Liveâ€Cell Distinction. Angewandte Chemie - International Edition, 2021, 60, 23743-23749.	7.2	10
22	The screening of drug-induced nephrotoxicity using gold nanocluster-based ratiometric fluorescent probes. Nanoscale, 2021, 13, 13835-13844.	2.8	5
23	Target identification of a macrocyclic hexaoxazole G-quadruplex ligand using post-target-binding visualization. Chemical Communications, 2020, 56, 12905-12908.	2.2	17
24	Fabrication of Blood Capillary Models for Live Imaging Microarray Analysis. Micromachines, 2020, 11, 727.	1.4	7
25	Click and count: specific detection of acid ceramidase activity in live cells. Chemical Science, 2020, 11, 13044-13051.	3.7	9
26	CRISPR-engineered human brown-like adipocytes prevent diet-induced obesity and ameliorate metabolic syndrome in mice. Science Translational Medicine, 2020, 12, .	5.8	80
27	Diversification of reprogramming trajectories revealed by parallel single-cell transcriptome and chromatin accessibility sequencing. Science Advances, 2020, 6, .	4.7	37
28	Pitfalls in Monitoring Mitochondrial Temperature Using Charged Thermosensitive Fluorophores. Chemosensors, 2020, 8, 124.	1.8	19
29	Partitioning of cancer therapeutics in nuclear condensates. Science, 2020, 368, 1386-1392.	6.0	281
30	Fluidâ€“Matrix Interface Triggers a Heterogeneous Activation of Macrophages. ACS Applied Bio Materials, 2020, 3, 4294-4301.	2.3	0
31	A General Descriptor Î”E Enables the Quantitative Development of Luminescent Materials Based on Photoinduced Electron Transfer. Journal of the American Chemical Society, 2020, 142, 6777-6785.	6.6	115
32	Direct monitoring of live human pluripotent stem cells by a highly selective pluripotency sensor. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127347.	1.0	1
33	Molecular Mechanism of Viscosity Sensitivity in BODIPY Rotors and Application to Motion-Based Fluorescent Sensors. ACS Sensors, 2020, 5, 731-739.	4.0	80
34	Multimodal Imaging Probe Development for Pancreatic Î² Cells: From Fluorescence to PET. Journal of the American Chemical Society, 2020, 142, 3430-3439.	6.6	34
35	A mouse ear skin model to study the dynamics of innate immune responses against Staphylococcus aureus biofilms. BMC Microbiology, 2020, 20, 22.	1.3	8
36	RNA-Induced Conformational Switching and Clustering of G3BP Drive Stress Granule Assembly by Condensation. Cell, 2020, 181, 346-361.e17.	13.5	557

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37	Validation of CDr15 as a new dye for detecting neutrophil extracellular trap. Biochemical and Biophysical Research Communications, 2020, 527, 646-653.	1.0	8
38	Gold nanoparticle-based detection of dopamine based on fluorescence resonance energy transfer between a 4-(4-dialkylaminostyryl)pyridinium derived fluorophore and citrate-capped gold nanoparticles. Mikrochimica Acta, 2019, 186, 618.	2.5	14
39	A Near-Infrared Probe Tracks and Treats Lung Tumor Initiating Cells by Targeting HMOX2. Journal of the American Chemical Society, 2019, 141, 14673-14686.	6.6	35
40	Frontispiz: Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie, 2019, 131, .	1.6	0
41	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. Biomaterials Science, 2019, 7, 3594-3598.	2.6	13
42	Identification of a novel turn-on albumin binding small-molecule bioprobe in live zebrafish and its potential application in drug discovery. Dyes and Pigments, 2019, 171, 107720.	2.0	2
43	Holding-Oriented versus Gating-Oriented Live-Cell Distinction: Highlighting the Role of Transporters in Cell Imaging Probe Development. Accounts of Chemical Research, 2019, 52, 3097-3107.	7.6	19
44	Cucurbitacin B induces neurogenesis in PC12 cells and protects memory in APP/PS1 mice. Journal of Cellular and Molecular Medicine, 2019, 23, 6283-6294.	1.6	22
45	Visualizing Alzheimerâ€™s Disease Mouse Brain with Multispectral Optoacoustic Tomography using a Fluorescent probe, CDnir7. Scientific Reports, 2019, 9, 12052.	1.6	18
46	ENOblock inhibits the pathology of diet-induced obesity. Scientific Reports, 2019, 9, 493.	1.6	9
47	Rapid Detection of Senescent Mesenchymal Stromal Cells by a Fluorescent Probe. Biotechnology Journal, 2019, 14, e1800691.	1.8	13
48	Tools for Bioimaging Pancreatic Î² Cells in Diabetes. Trends in Molecular Medicine, 2019, 25, 708-722.	3.5	25
49	Frontispiece: Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
50	Development of a Universal Fluorescent Probe for Gramâ€Positive Bacteria. Angewandte Chemie, 2019, 131, 8514-8519.	1.6	9
51	Development of a Universal Fluorescent Probe for Gramâ€Positive Bacteria. Angewandte Chemie - International Edition, 2019, 58, 8426-8431.	7.2	74
52	Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie, 2019, 131, 8056-8060.	1.6	2
53	Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie - International Edition, 2019, 58, 7972-7976.	7.2	24
54	A thermoresponsive nanocarrier for mitochondria-targeted drug delivery. Chemical Communications, 2019, 55, 4051-4054.	2.2	60

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55	A Photoexcitationâ€Induced Twisted Intramolecular Charge Shuttle. Angewandte Chemie - International Edition, 2019, 58, 7073-7077.	7.2	79
56	Imaging inflammation using an activated macrophage probe with Slc18b1 as the activation-selective gating target. Nature Communications, 2019, 10, 1111.	5.8	56
57	A Photoexcitationâ€Induced Twisted Intramolecular Charge Shuttle. Angewandte Chemie, 2019, 131, 7147-7151.	1.6	17
58	RNA buffers the phase separation behavior of prion-like RNA binding proteins. Science, 2018, 360, 918-921.	6.0	837
59	Identification of Tumor Initiating Cells with a Smallâ€Molecule Fluorescent Probe by Using Vimentin as a Biomarker. Angewandte Chemie - International Edition, 2018, 57, 2851-2854.	7.2	38
60	Fluorescent squaramides as anion receptors and transmembrane anion transporters. Chemical Communications, 2018, 54, 1363-1366.	2.2	43
61	A palette of background-free tame fluorescent probes for intracellular multi-color labelling in live cells. Chemical Science, 2018, 9, 2376-2383.	3.7	27
62	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. Analytical Chemistry, 2018, 90, 1628-1634.	3.2	72
63	Antibodyâ€Based Therapeutics: Ultrasensitive NIRâ€SERRS Probes with Multiplexed Ratiometric Quantification for In Vivo Antibody Leads Validation (Adv. Healthcare Mater. 4/2018). Advanced Healthcare Materials, 2018, 7, 1870019.	3.9	0
64	Identification of Tumor Initiating Cells with a Smallâ€Molecule Fluorescent Probe by Using Vimentin as a Biomarker. Angewandte Chemie, 2018, 130, 2901-2904.	1.6	5
65	Seeing Elastin: A Near-Infrared Zwitterionic Fluorescent Probe for InÂVivo Elastin Imaging. CheM, 2018, 4, 1128-1138.	5.8	28
66	Ultrasensitive NIRâ€SERRS Probes with Multiplexed Ratiometric Quantification for In Vivo Antibody Leads Validation. Advanced Healthcare Materials, 2018, 7, 1700870.	3.9	17
67	Identification of Fluorescent Small Molecule Compounds for Synaptic Labeling by Image-Based, High-Content Screening. ACS Chemical Neuroscience, 2018, 9, 673-683.	1.7	5
68	Advances in the design of cell-permeable fluorescent probes for applications in live cell imaging. Chemical Communications, 2018, 54, 13641-13653.	2.2	55
69	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. Chemical Communications, 2018, 54, 11865-11868.	2.2	11
70	Efficient and washâ€free labeling of membrane proteins using engineered Npu DnaE splitâ€inteins. Protein Science, 2018, 27, 1568-1574.	3.1	4
71	Kakeromamide A, a new cyclic pentapeptide inducing astrocyte differentiation isolated from the marine cyanobacterium Moorea bouillonii. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2206-2209.	1.0	14
72	A fluorescent chemical probe CDy9 selectively stains and enables the isolation of live naÃ¯ve mouse embryonic stem cells. Biomaterials, 2018, 180, 12-23.	5.7	11

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73	Mitochondria are physiologically maintained at close to 50 Â°C. PLoS Biology, 2018, 16, e2003992.	2.6	295
74	Gold Nanoshell-Mediated Remote Myotube Activation. ACS Nano, 2017, 11, 2494-2508.	7.3	69
75	Gold and Hairpin DNA Functionalization of Upconversion Nanocrystals for Imaging and In Vivo Drug Delivery. Advanced Materials, 2017, 29, 1700244.	11.1	186
76	Two-Photon Dye Cocktail for Dual-Color 3D Imaging of Pancreatic Beta and Alpha Cells in Live Islets. Journal of the American Chemical Society, 2017, 139, 3480-3487.	6.6	30
77	Pushâ€“pull type meso-ester substituted BODIPY near-infrared dyes as contrast agents for photoacoustic imaging. Organic and Biomolecular Chemistry, 2017, 15, 4531-4535.	1.5	20
78	Optical visualisation of thermogenesis in stimulated single-cell brown adipocytes. Scientific Reports, 2017, 7, 1383.	1.6	77
79	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. Journal of the American Chemical Society, 2017, 139, 285-292.	6.6	407
80	Realâ€Time Inâ€...Vivo Hepatotoxicity Monitoring through Chromophoreâ€Conjugated Photonâ€Upconverting Nanoprobes. Angewandte Chemie, 2017, 129, 4229-4233.	1.6	19
81	Realâ€Time Inâ€...Vivo Hepatotoxicity Monitoring through Chromophoreâ€Conjugated Photonâ€Upconverting Nanoprobes. Angewandte Chemie - International Edition, 2017, 56, 4165-4169.	7.2	178
82	Development of a BODIPY-based fluorescent probe for imaging pathological tau aggregates in live cells. Chemical Communications, 2017, 53, 1607-1610.	2.2	43
83	A new approach for turn-on fluorescence sensing of l-DOPA. Chemical Communications, 2017, 53, 12465-12468.	2.2	21
84	A Diversityâ€Oriented Library of Fluorophoreâ€Modified Receptors Constructed from a Chemical Library of Synthetic Fluorophores. ChemBioChem, 2017, 18, 2212-2216.	1.3	6
85	A two-photon fluorescent probe for ratiometric imaging of endogenous hypochlorous acid in live cells and tissues. Chemical Communications, 2017, 53, 10800-10803.	2.2	93
86	Motion-induced change in emission (MICE) for developing fluorescent probes. Chemical Society Reviews, 2017, 46, 4833-4844.	18.7	172
87	The Vital Dye CDr10b Labels the Zebrafish Mid-Intestine and Lumen. Molecules, 2017, 22, 454.	1.7	2
88	Detection of GHB by Optical Methods. , 2016, , 529-535.		0
89	Quantitative Measurement of Caffeine by Optical Methods. , 2016, , 815-826.		1
90	A Simple BODIPY-Based Viscosity Probe for Imaging of Cellular Viscosity in Live Cells. Sensors, 2016, 16, 1397.	2.1	60

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91	Sensors: Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection (Adv. Funct. Mater. 2/2016). Advanced Functional Materials, 2016, 26, 311-311.	7.8	3
92	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. Angewandte Chemie, 2016, 128, 1805-1808.	1.6	38
93	A Diradical Approach towards BODIPYâ€Based Dyes with Intense Nearâ€Infrared Absorption around Î»=1100â€...nm. Angewandte Chemie - International Edition, 2016, 55, 2815-2819.	7.2	100
94	Development of background-free tame fluorescent probes for intracellular live cell imaging. Nature Communications, 2016, 7, 11964.	5.8	92
95	Specific Triazine Herbicides Induce Amyloid-Î²42 Production. Journal of Alzheimer's Disease, 2016, 54, 1593-1605.	1.2	14
96	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. Chemical Science, 2016, 7, 5069-5077.	3.7	44
97	Boronic Acid: A Bio-Inspired Strategy To Increase the Sensitivity and Selectivity of Fluorescent NADH Probe. Journal of the American Chemical Society, 2016, 138, 10394-10397.	6.6	74
98	Development of pHâ€Responsive BODIPY Probes for Staining Late Endosome in Live Cells. ChemPlusChem, 2016, 81, 1209-1215.	1.3	20
99	Discerning the Chemistry in Individual Organelles with Smallâ€Molecule Fluorescent Probes. Angewandte Chemie - International Edition, 2016, 55, 13658-13699.	7.2	634
100	Naphthalene-fused BODIPY near-infrared dye as a stable contrast agent for in vivo photoacoustic imaging. Chemical Communications, 2016, 52, 11504-11507.	2.2	51
101	Photodynamic Approach for Teratoma-Free Pluripotent Stem Cell Therapy Using CDy1 and Visible Light. ACS Central Science, 2016, 2, 604-607.	5.3	18
102	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. Angewandte Chemie, 2016, 128, 13858-13902.	1.6	53
103	A Fluorescent Probe for Neural Stem/Progenitor Cells with High Differentiation Capability into Neurons. ChemBioChem, 2016, 17, 2118-2122.	1.3	13
104	RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. Cell Reports, 2016, 15, 2597-2607.	2.9	47
105	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. Advanced Functional Materials, 2016, 26, 191-199.	7.8	79
106	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. Angewandte Chemie - International Edition, 2016, 55, 1773-1776.	7.2	158
107	Axon-First Neuritogenesis on Vertical Nanowires. Nano Letters, 2016, 16, 675-680.	4.5	37
108	Development of a disaggregation-induced emission probe for the detection of RecA inteins from Mycobacterium tuberculosis. Chemical Communications, 2016, 52, 9086-9088.	2.2	6

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109	Direct organelle thermometry with fluorescence lifetime imaging microscopy in single myotubes. Chemical Communications, 2016, 52, 4458-4461.	2.2	44
110	A highly selective fluorogenic probe for the detection and in vivo imaging of Cu/Zn superoxide dismutase. Chemical Communications, 2016, 52, 9093-9096.	2.2	19
111	â€œEndocytic pH regulates cell surface localization of glycolipid antigen loaded CD1d complexesâ€. Chemistry and Physics of Lipids, 2016, 194, 49-57.	1.5	10
112	Detection of Pathogenic Biofilms with Bacterial Amyloid Targeting Fluorescent Probe, CDy11. Journal of the American Chemical Society, 2016, 138, 402-407.	6.6	82
113	CEACAM6 is upregulated by Helicobacter pylori CagA and is a biomarker for early gastric cancer. Oncotarget, 2016, 7, 55290-55301.	0.8	17
114	Prediction of Intracellular Localization of Fluorescent Dyes Using QSAR Models. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 378-383.	0.6	7
115	New Targets of Molecular Imaging in Atherosclerosis: Prehension of Current Status. Analytical Sciences, 2015, 31, 245-255.	0.8	2
116	Identification of disulfide cross-linked tau dimer responsible for tau propagation. Scientific Reports, 2015, 5, 15231.	1.6	51
117	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. Angewandte Chemie, 2015, 127, 2472-2476.	1.6	12
118	Solidâ€phase Synthesis of Combinatorial 2,4â€Disubstitutedâ€1,3,5â€Triazine via Amine Nucleophilic Reaction. Bulletin of the Korean Chemical Society, 2015, 36, 435-438.	1.0	0
119	The development of a nucleus staining fluorescent probe for dynamic mitosis imaging in live cells. Chemical Communications, 2015, 51, 9336-9338.	2.2	14
120	Voices of chemical biology. Nature Chemical Biology, 2015, 11, 378-379.	3.9	11
121	CDy6, a Photostable Probe for Long-Term Real-Time Visualization of Mitosis and Proliferating Cells. Chemistry and Biology, 2015, 22, 299-307.	6.2	11
122	The development of a highly photostable and chemically stable zwitterionic near-infrared dye for imaging applications. Chemical Communications, 2015, 51, 3989-3992.	2.2	51
123	High-Efficiency in Vitro and in Vivo Detection of Zn²⁺ by Dye-Assembled Upconversion Nanoparticles. Journal of the American Chemical Society, 2015, 137, 2336-2342.	6.6	233
124	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. Angewandte Chemie - International Edition, 2015, 54, 2442-2446.	7.2	73
125	New insight of squaraine-based biocompatible surface-enhanced Raman scattering nanotag for cancer-cell imaging. Nanomedicine, 2015, 10, 561-571.	1.7	20
126	Rootin, a compound that inhibits root development through modulating PIN-mediated auxin distribution. Plant Science, 2015, 233, 116-126.	1.7	5

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127	Chemical Fluorescent Probe for Detection of Aî² Oligomers. Journal of the American Chemical Society, 2015, 137, 13503-13509.	6.6	163
128	A highly selective fluorescent probe for direct detection and isolation of mouse embryonic stem cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4862-4865.	1.0	8
129	Suppression of the TRIF-dependent signaling pathway of Toll-like receptor by CDr10b in RAW264.7 macrophages. International Immunopharmacology, 2015, 28, 29-33.	1.7	6
130	Piezoelectric Nanoparticle-Assisted Wireless Neuronal Stimulation. ACS Nano, 2015, 9, 7678-7689.	7.3	236
131	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. Biomaterials, 2015, 56, 1-9.	5.7	228
132	Glucagon-Secreting Alpha Cell Selective Two-Photon Fluorescent Probe TP-Î±: For Live Pancreatic Islet Imaging. Journal of the American Chemical Society, 2015, 137, 5355-5362.	6.6	51
133	Diversity-Oriented Approach for Chemical Biology. Chemical Record, 2015, 15, 495-510.	2.9	24
134	Development of Targetable Two-Photon Fluorescent Probes to Image Hypochlorous Acid in Mitochondria and Lysosome in Live Cell and Inflamed Mouse Model. Journal of the American Chemical Society, 2015, 137, 5930-5938.	6.6	472
135	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. Chemical Communications, 2015, 51, 8044-8047.	2.2	159
136	Development of fluorescent probes specific for parallel-stranded G-quadruplexes by a library approach. Chemical Communications, 2015, 51, 7386-7389.	2.2	27
137	Thermosensitive nanoplatforms for photothermal release of cargo from liposomes under intracellular temperature monitoring. RSC Advances, 2015, 5, 93530-93538.	1.7	14
138	Effect of oncogene activating mutations and kinase inhibitors on amino acid metabolism of human isogenic breast cancer cells. Molecular BioSystems, 2015, 11, 3378-3386.	2.9	4
139	Endocytic pH regulates cell surface localization of glycolipid antigen loaded CD1d complexes. Chemistry and Physics of Lipids, 2015, 191, 75-83.	1.5	4
140	Synthesis and Systematic Evaluation of Dark Resonance Energy Transfer (DRET)â€Based Library and Its Application in Cell Imaging. Chemistry - an Asian Journal, 2015, 10, 581-585.	1.7	16
141	The small molecule probe PT-Yellow labels the renal proximal tubules in zebrafish. Chemical Communications, 2015, 51, 395-398.	2.2	8
142	NeuO for Neuronal Labeling in Zebrafish. Tomography, 2015, 1, 30-36.	0.8	5
143	Cell Specific Imaging Probe Development and Biomedical Applications. IFMBE Proceedings, 2015, , 211-214.	0.2	0
144	Abstract 1163: Phosphoserine aminotransferase 1 (PSAT1) as a novel anti-tumor target in hepatocellular carcinoma. , 2015, , .		0

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145	In Vivo Detection of Macrophage Recruitment in Hind-Limb Ischemia Using a Targeted Near-Infrared Fluorophore. PLoS ONE, 2014, 9, e103721.	1.1	14
146	Investigating fluorescent dyes in fluorescence-assisted screenings. Chemical Communications, 2014, 50, 15220-15223.	2.2	6
147	A Macrophage-Specific Fluorescent Probe for Intraoperative Lymph Node Staging. Cancer Research, 2014, 74, 44-55.	0.4	19
148	Biocompatible surface-enhanced Raman scattering nanotags for in vivo cancer detection. Nanomedicine, 2014, 9, 523-535.	1.7	24
149	Chemical Targeting of GAPDH Moonlighting Function in Cancer Cells Reveals Its Role in Tubulin Regulation. Chemistry and Biology, 2014, 21, 1533-1545.	6.2	30
150	Inhibition of tau aggregation by a rosamine derivative that blocks tau intermolecular disulfide cross-linking. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2014, 21, 185-190.	1.4	30
151	A Single Subset of Dendritic Cells Controls the Cytokine Bias of Natural Killer T Cell Responses to Diverse Glycolipid Antigens. Immunity, 2014, 40, 105-116.	6.6	90
152	â€œOrange alertâ€• A fluorescent detector for bisphenol A in water environments. Analytica Chimica Acta, 2014, 815, 51-56.	2.6	18
153	mesoâ€Ester and Carboxylic Acid Substituted BODIPYs with Farâ€Red and Nearâ€Infrared Emission for Bioimaging Applications. Chemistry - A European Journal, 2014, 20, 2301-2310.	1.7	55
154	Mechanistic elements and critical factors of cellular reprogramming revealed by stepwise global gene expression analyses. Stem Cell Research, 2014, 12, 730-741.	0.3	50
155	Wavelength and shape dependent SERS study to develop ultrasensitive nanotags for imaging of cancer cells. RSC Advances, 2014, 4, 12415.	1.7	15
156	Microglia specific fluorescent probes for live cell imaging. Chemical Communications, 2014, 50, 1089-1091.	2.2	28
157	Sensitive multiplex detection of serological liver cancer biomarkers using SERSâ€active photonic crystal fiber probe. Journal of Biophotonics, 2014, 7, 956-965.	1.1	86
158	A fluorescent probe for imaging symmetric and asymmetric cell division in neurosphere formation. Chemical Communications, 2014, 50, 7492-7494.	2.2	16
159	Development of a fluorescent sensor for illicit date rape drug GHB. Chemical Communications, 2014, 50, 2904.	2.2	43
160	A macrophage uptaking near-infrared chemical probe CDnir7 for in vivo imaging of inflammation. Chemical Communications, 2014, 50, 6589.	2.2	35
161	Milk quality control: instant and quantitative milk fat determination with a BODIPY sensor-based fluorescence detector. Chemical Communications, 2014, 50, 10398-10401.	2.2	17
162	CDr10b inhibits the expression of cyclooxygenase-2 and inducible nitric oxide synthase induced by lipopolysaccharide. European Journal of Pharmacology, 2014, 742, 42-46.	1.7	4

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163	Diversity Oriented Fluorescence Library Approach (DOFLA) for Live Cell Imaging Probe Development. Accounts of Chemical Research, 2014, 47, 1277-1286.	7.6	113
164	Dark to light! A new strategy for large Stokes shift dyes: coupling of a dark donor with tunable high quantum yield acceptors. Chemical Science, 2014, 5, 4812-4818.	3.7	46
165	The role of â€œdisaggregationâ€•in optical probe development. Chemical Society Reviews, 2014, 43, 2402.	18.7	164
166	In Situ Investigation of Mammalian Inorganic Polyphosphate Localization Using Novel Selective Fluorescent Probes JC-D7 and JC-D8. ACS Chemical Biology, 2014, 9, 2101-2110.	1.6	54
167	An Artificial Tongue Fluorescent Sensor Array for Identification and Quantitation of Various Heavy Metal Ions. Analytical Chemistry, 2014, 86, 8763-8769.	3.2	91
168	A Chemical Probe that Labels Human Pluripotent Stem Cells. Cell Reports, 2014, 6, 1165-1174.	2.9	42
169	Live cells imaging using a turn-on FRET-based BODIPY probe for biothiols. Biomaterials, 2014, 35, 6078-6085.	5.7	91
170	Actively Targeted In Vivo Multiplex Detection of Intrinsic Cancer Biomarkers Using Biocompatible SERS Nanotags. Scientific Reports, 2014, 4, 4075.	1.6	159
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