

List of Publications by Year in descending order

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327
papers

20,522
citations

11608

70
h-index

14702

127
g-index

343
all docs

343
docs citations

343
times ranked

23305
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent probe strategy for live cell distinction. <i>Chemical Society Reviews</i> , 2022, 51, 1573-1591.	18.7	56
2	Live isolation of naïve ESCs via distinct glucose metabolism and stored glycogen. <i>Metabolic Engineering</i> , 2022, 72, 97-106.	3.6	1
3	ABCB1 can actively pump out the background-free tame fluorescent probe CO ₂ from live cells. <i>Chemistry - an Asian Journal</i> , 2022, , .	1.7	2
4	Casting Red Light for Bad Oil by Dual Turning-on Mechanisms of Fluorescence and Its Application in the Portable Platform. <i>Sensors and Actuators B: Chemical</i> , 2022, , 131866.	4.0	1
5	Mechanism assay of interaction between blood vessels-near infrared probe and cell surface marker proteins of endothelial cells. <i>Materials Today Bio</i> , 2022, 15, 100332.	2.6	1
6	Neuronal Migration on Silicon Microcone Arrays with Different Pitches. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000583.	3.9	5
7	Target identification of mouse stem cell probe CDy1 as ALDH2 and Abcb1b through live-cell affinity-matrix and ABC CRISPRa library. <i>RSC Chemical Biology</i> , 2021, 2, 1590-1593.	2.0	3
8	Diversity-Oriented Fluorescence Library Approach (DOFLA) for Discovery of Cell-Permeable Probes for Applications in Live Cell Imaging. <i>Methods in Pharmacology and Toxicology</i> , 2021, , 179-197.	0.1	0
9	Gynura divaricata Water Extract Presented the Possibility to Enhance Neuronal Regeneration. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	0.5	3
10	Novel live cell fluorescent probe for human-induced pluripotent stem cells highlights early reprogramming population. <i>Stem Cell Research and Therapy</i> , 2021, 12, 113.	2.4	4
11	Application of Neuron-Selective Fluorescent Probe, NeuA, To Identify Mouse Retinal Degeneration. <i>ChemBioChem</i> , 2021, 22, 1915-1919.	1.3	1
12	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5836-5844.	6.6	19
13	Azide-based bioorthogonal chemistry: Reactions and its advances in cellular and biomolecular imaging. <i>Biophysics Reviews</i> , 2021, 2, .	1.0	2
14	A Near-Infrared Organic Fluorescent Probe for Broad Applications for Blood Vessels Imaging by High-Throughput Screening via 3D-Blood Vessel Models. <i>Small Methods</i> , 2021, 5, e2100338.	4.6	13
15	Neutrophil-Selective Fluorescent Probe Development through Metabolism-Oriented Live-Cell Distinction. <i>Angewandte Chemie</i> , 2021, 133, 23936.	1.6	0
16	Neutrophil-Selective Fluorescent Probe Development through Metabolism-Oriented Live-Cell Distinction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23743-23749.	7.2	10
17	The screening of drug-induced nephrotoxicity using gold nanocluster-based ratiometric fluorescent probes. <i>Nanoscale</i> , 2021, 13, 13835-13844.	2.8	5
18	Fabrication of Blood Capillary Models for Live Imaging Microarray Analysis. <i>Micromachines</i> , 2020, 11, 727.	1.4	7

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19	Click and count: specific detection of acid ceramidase activity in live cells. <i>Chemical Science</i> , 2020, 11, 13044-13051.	3.7	9
20	Diversification of reprogramming trajectories revealed by parallel single-cell transcriptome and chromatin accessibility sequencing. <i>Science Advances</i> , 2020, 6, .	4.7	37
21	Pitfalls in Monitoring Mitochondrial Temperature Using Charged Thermosensitive Fluorophores. <i>Chemosensors</i> , 2020, 8, 124.	1.8	19
22	Fluidâ€“Matrix Interface Triggers a Heterogeneous Activation of Macrophages. <i>ACS Applied Bio Materials</i> , 2020, 3, 4294-4301.	2.3	0
23	A General Descriptor $\hat{\Gamma}$ Enables the Quantitative Development of Luminescent Materials Based on Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2020, 142, 6777-6785.	6.6	115
24	Direct monitoring of live human pluripotent stem cells by a highly selective pluripotency sensor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127347.	1.0	1
25	Molecular Mechanism of Viscosity Sensitivity in BODIPY Rotors and Application to Motion-Based Fluorescent Sensors. <i>ACS Sensors</i> , 2020, 5, 731-739.	4.0	80
26	Multimodal Imaging Probe Development for Pancreatic $\hat{\Gamma}^2$ Cells: From Fluorescence to PET. <i>Journal of the American Chemical Society</i> , 2020, 142, 3430-3439.	6.6	34
27	A mouse ear skin model to study the dynamics of innate immune responses against <i>Staphylococcus aureus</i> biofilms. <i>BMC Microbiology</i> , 2020, 20, 22.	1.3	8
28	RNA-Induced Conformational Switching and Clustering of G3BP Drive Stress Granule Assembly by Condensation. <i>Cell</i> , 2020, 181, 346-361.e17.	13.5	557
29	Validation of CDr15 as a new dye for detecting neutrophil extracellular trap. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 646-653.	1.0	8
30	A Near-Infrared Probe Tracks and Treats Lung Tumor Initiating Cells by Targeting HMOX2. <i>Journal of the American Chemical Society</i> , 2019, 141, 14673-14686.	6.6	35
31	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	2.6	13
32	Identification of a novel turn-on albumin binding small-molecule bioprobe in live zebrafish and its potential application in drug discovery. <i>Dyes and Pigments</i> , 2019, 171, 107720.	2.0	2
33	Holding-Oriented versus Gating-Oriented Live-Cell Distinction: Highlighting the Role of Transporters in Cell Imaging Probe Development. <i>Accounts of Chemical Research</i> , 2019, 52, 3097-3107.	7.6	19
34	Cucurbitacin B induces neurogenesis in PC12 cells and protects memory in APP/PS1 mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6283-6294.	1.6	22
35	ENOblock inhibits the pathology of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 493.	1.6	9
36	Rapid Detection of Senescent Mesenchymal Stromal Cells by a Fluorescent Probe. <i>Biotechnology Journal</i> , 2019, 14, e1800691.	1.8	13

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37	Tools for Bioimaging Pancreatic Î² Cells in Diabetes. Trends in Molecular Medicine, 2019, 25, 708-722.	3.5	25
38	Development of a Universal Fluorescent Probe for Gramâ€Positive Bacteria. Angewandte Chemie, 2019, 131, 8514-8519.	1.6	9
39	Development of a Universal Fluorescent Probe for Gramâ€Positive Bacteria. Angewandte Chemie - International Edition, 2019, 58, 8426-8431.	7.2	74
40	Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie, 2019, 131, 8056-8060.	1.6	2
41	Visualizing Microglia with a Fluorescence Turnâ€On Ugt1a7c Substrate. Angewandte Chemie - International Edition, 2019, 58, 7972-7976.	7.2	24
42	A thermoresponsive nanocarrier for mitochondria-targeted drug delivery. Chemical Communications, 2019, 55, 4051-4054.	2.2	60
43	A Photoexcitationâ€Induced Twisted Intramolecular Charge Shuttle. Angewandte Chemie - International Edition, 2019, 58, 7073-7077.	7.2	79
44	Imaging inflammation using an activated macrophage probe with Slc18b1 as the activation-selective gating target. Nature Communications, 2019, 10, 1111.	5.8	56
45	RNA buffers the phase separation behavior of prion-like RNA binding proteins. Science, 2018, 360, 918-921.	6.0	837
46	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
47	Fluorescent squaramides as anion receptors and transmembrane anion transporters. Chemical Communications, 2018, 54, 1363-1366.	2.2	43
48	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
49	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. Analytical Chemistry, 2018, 90, 1628-1634.	3.2	72
50	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
51	Seeing Elastin: A Near-Infrared Zwitterionic Fluorescent Probe for Inâ€Vivo Elastin Imaging. Chem, 2018, 4, 1128-1138.	5.8	28
52	Ultrasensitive NIRâ€SERRS Probes with Multiplexed Ratiometric Quantification for In Vivo Antibody Leads Validation. Advanced Healthcare Materials, 2018, 7, 1700870.	3.9	17
53	Advances in the design of cell-permeable fluorescent probes for applications in live cell imaging. Chemical Communications, 2018, 54, 13641-13653.	2.2	55
54	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. Chemical Communications, 2018, 54, 11865-11868.	2.2	11

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55	Kakeromamide A, a new cyclic pentapeptide inducing astrocyte differentiation isolated from the marine cyanobacterium <i>Moorea bouillonii</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2206-2209.	1.0	14
56	A fluorescent chemical probe CDy9 selectively stains and enables the isolation of live na ⁻ ve mouse embryonic stem cells. <i>Biomaterials</i> , 2018, 180, 12-23.	5.7	11
57	Mitochondria are physiologically maintained at close to 50 Å°C. <i>PLoS Biology</i> , 2018, 16, e2003992.	2.6	295
58	Gold Nanoshell-Mediated Remote Myotube Activation. <i>ACS Nano</i> , 2017, 11, 2494-2508.	7.3	69
59	Two-Photon Dye Cocktail for Dual-Color 3D Imaging of Pancreatic Beta and Alpha Cells in Live Islets. <i>Journal of the American Chemical Society</i> , 2017, 139, 3480-3487.	6.6	30
60	Pushâ€pull type meso-ester substituted BODIPY near-infrared dyes as contrast agents for photoacoustic imaging. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4531-4535.	1.5	20
61	Optical visualisation of thermogenesis in stimulated single-cell brown adipocytes. <i>Scientific Reports</i> , 2017, 7, 1383.	1.6	77
62	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2017, 139, 285-292.	6.6	407
63	Realâ€Time Inâ€Vivo Hepatotoxicity Monitoring through Chromophoreâ€Conjugated Photonâ€Upconverting Nanoprobes. <i>Angewandte Chemie</i> , 2017, 129, 4229-4233.	1.6	19
64	Realâ€Time Inâ€Vivo Hepatotoxicity Monitoring through Chromophoreâ€Conjugated Photonâ€Upconverting Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4165-4169.	7.2	178
65	Development of a BODIPY-based fluorescent probe for imaging pathological tau aggregates in live cells. <i>Chemical Communications</i> , 2017, 53, 1607-1610.	2.2	43
66	A new approach for turn-on fluorescence sensing of l-DOPA. <i>Chemical Communications</i> , 2017, 53, 12465-12468.	2.2	21
67	A Diversityâ€Oriented Library of Fluorophoreâ€Modified Receptors Constructed from a Chemical Library of Synthetic Fluorophores. <i>ChemBioChem</i> , 2017, 18, 2212-2216.	1.3	6
68	A two-photon fluorescent probe for ratiometric imaging of endogenous hypochlorous acid in live cells and tissues. <i>Chemical Communications</i> , 2017, 53, 10800-10803.	2.2	93
69	Motion-induced change in emission (MICE) for developing fluorescent probes. <i>Chemical Society Reviews</i> , 2017, 46, 4833-4844.	18.7	172
70	The Vital Dye CDr10b Labels the Zebrafish Mid-Intestine and Lumen. <i>Molecules</i> , 2017, 22, 454.	1.7	2
71	A Simple BODIPY-Based Viscosity Probe for Imaging of Cellular Viscosity in Live Cells. <i>Sensors</i> , 2016, 16, 1397.	2.1	60
72	A Multisiteâ€Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie</i> , 2016, 128, 1805-1808.	1.6	38

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73	Development of background-free tame fluorescent probes for intracellular live cell imaging. <i>Nature Communications</i> , 2016, 7, 11964.	5.8	92
74	Specific Triazine Herbicides Induce Amyloid- β 242 Production. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1593-1605.	1.2	14
75	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. <i>Chemical Science</i> , 2016, 7, 5069-5077.	3.7	44
76	Boronic Acid: A Bio-Inspired Strategy To Increase the Sensitivity and Selectivity of Fluorescent NADH Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 10394-10397.	6.6	74
77	Development of pH-Responsive BODIPY Probes for Staining Late Endosome in Live Cells. <i>ChemPlusChem</i> , 2016, 81, 1209-1215.	1.3	20
78	Discerning the Chemistry in Individual Organelles with Small-Molecule Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13658-13699.	7.2	634
79	Naphthalene-fused BODIPY near-infrared dye as a stable contrast agent for in vivo photoacoustic imaging. <i>Chemical Communications</i> , 2016, 52, 11504-11507.	2.2	51
80	Photodynamic Approach for Teratoma-Free Pluripotent Stem Cell Therapy Using CDy1 and Visible Light. <i>ACS Central Science</i> , 2016, 2, 604-607.	5.3	18
81	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. <i>Angewandte Chemie</i> , 2016, 128, 13858-13902.	1.6	53
82	A Fluorescent Probe for Neural Stem/Progenitor Cells with High Differentiation Capability into Neurons. <i>ChemBioChem</i> , 2016, 17, 2118-2122.	1.3	13
83	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. <i>Advanced Functional Materials</i> , 2016, 26, 191-199.	7.8	79
84	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1773-1776.	7.2	158
85	Axon-First Neuritogenesis on Vertical Nanowires. <i>Nano Letters</i> , 2016, 16, 675-680.	4.5	37
86	Development of a disaggregation-induced emission probe for the detection of RecA inteins from <i>Mycobacterium tuberculosis</i> . <i>Chemical Communications</i> , 2016, 52, 9086-9088.	2.2	6
87	Direct organelle thermometry with fluorescence lifetime imaging microscopy in single myotubes. <i>Chemical Communications</i> , 2016, 52, 4458-4461.	2.2	44
88	A highly selective fluorogenic probe for the detection and in vivo imaging of Cu/Zn superoxide dismutase. <i>Chemical Communications</i> , 2016, 52, 9093-9096.	2.2	19
89	Endocytic pH regulates cell surface localization of glycolipid antigen loaded CD1d complexes. <i>Chemistry and Physics of Lipids</i> , 2016, 194, 49-57.	1.5	10
90	Detection of Pathogenic Biofilms with Bacterial Amyloid Targeting Fluorescent Probe, CDy11. <i>Journal of the American Chemical Society</i> , 2016, 138, 402-407.	6.6	82

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91	New Targets of Molecular Imaging in Atherosclerosis: Prehension of Current Status. <i>Analytical Sciences</i> , 2015, 31, 245-255.	0.8	2
92	Identification of disulfide cross-linked tau dimer responsible for tau propagation. <i>Scientific Reports</i> , 2015, 5, 15231.	1.6	51
93	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. <i>Angewandte Chemie</i> , 2015, 127, 2472-2476.	1.6	12
94	Solid-phase Synthesis of Combinatorial 2,4-disubstituted 1,3,5-triazine via Amine Nucleophilic Reaction. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 435-438.	1.0	0
95	The development of a nucleus staining fluorescent probe for dynamic mitosis imaging in live cells. <i>Chemical Communications</i> , 2015, 51, 9336-9338.	2.2	14
96	CDy6, a Photostable Probe for Long-Term Real-Time Visualization of Mitosis and Proliferating Cells. <i>Chemistry and Biology</i> , 2015, 22, 299-307.	6.2	11
97	The development of a highly photostable and chemically stable zwitterionic near-infrared dye for imaging applications. <i>Chemical Communications</i> , 2015, 51, 3989-3992.	2.2	51
98	High-Efficiency in Vitro and in Vivo Detection of Zn ²⁺ by Dye-Assembled Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 2336-2342.	6.6	233
99	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2442-2446.	7.2	73
100	New insight of squaraine-based biocompatible surface-enhanced Raman scattering nanotag for cancer-cell imaging. <i>Nanomedicine</i> , 2015, 10, 561-571.	1.7	20
101	Rootin, a compound that inhibits root development through modulating PIN-mediated auxin distribution. <i>Plant Science</i> , 2015, 233, 116-126.	1.7	5
102	Chemical Fluorescent Probe for Detection of A β ² Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 13503-13509.	6.6	163
103	A highly selective fluorescent probe for direct detection and isolation of mouse embryonic stem cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4862-4865.	1.0	8
104	Suppression of the TRIF-dependent signaling pathway of Toll-like receptor by CDr10b in RAW264.7 macrophages. <i>International Immunopharmacology</i> , 2015, 28, 29-33.	1.7	6
105	Piezoelectric Nanoparticle-Assisted Wireless Neuronal Stimulation. <i>ACS Nano</i> , 2015, 9, 7678-7689.	7.3	236
106	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. <i>Biomaterials</i> , 2015, 56, 1-9.	5.7	228
107	Glucagon-Secreting Alpha Cell Selective Two-Photon Fluorescent Probe TP-1: For Live Pancreatic Islet Imaging. <i>Journal of the American Chemical Society</i> , 2015, 137, 5355-5362.	6.6	51
108	Diversity-Oriented Approach for Chemical Biology. <i>Chemical Record</i> , 2015, 15, 495-510.	2.9	24

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109	Development of Targetable Two-Photon Fluorescent Probes to Image Hypochlorous Acid in Mitochondria and Lysosome in Live Cell and Inflamed Mouse Model. <i>Journal of the American Chemical Society</i> , 2015, 137, 5930-5938.	6.6	472
110	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. <i>Chemical Communications</i> , 2015, 51, 8044-8047.	2.2	159
111	Development of fluorescent probes specific for parallel-stranded G-quadruplexes by a library approach. <i>Chemical Communications</i> , 2015, 51, 7386-7389.	2.2	27
112	Thermosensitive nanoplateforms for photothermal release of cargo from liposomes under intracellular temperature monitoring. <i>RSC Advances</i> , 2015, 5, 93530-93538.	1.7	14
113	Endocytic pH regulates cell surface localization of glycolipid antigen loaded CD1d complexes. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 75-83.	1.5	4
114	Synthesis and Systematic Evaluation of Dark Resonance Energy Transfer (DRET)-Based Library and Its Application in Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2015, 10, 581-585.	1.7	16
115	The small molecule probe PT-Yellow labels the renal proximal tubules in zebrafish. <i>Chemical Communications</i> , 2015, 51, 395-398.	2.2	8
116	NeuO for Neuronal Labeling in Zebrafish. <i>Tomography</i> , 2015, 1, 30-36.	0.8	5
117	In Vivo Detection of Macrophage Recruitment in Hind-Limb Ischemia Using a Targeted Near-Infrared Fluorophore. <i>PLoS ONE</i> , 2014, 9, e103721.	1.1	14
118	A Macrophage-Specific Fluorescent Probe for Intraoperative Lymph Node Staging. <i>Cancer Research</i> , 2014, 74, 44-55.	0.4	19
119	Chemical Targeting of GAPDH Moonlighting Function in Cancer Cells Reveals Its Role in Tubulin Regulation. <i>Chemistry and Biology</i> , 2014, 21, 1533-1545.	6.2	30
120	Inhibition of tau aggregation by a rosamine derivative that blocks tau intermolecular disulfide cross-linking. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2014, 21, 185-190.	1.4	30
121	A Single Subset of Dendritic Cells Controls the Cytokine Bias of Natural Killer T Cell Responses to Diverse Glycolipid Antigens. <i>Immunity</i> , 2014, 40, 105-116.	6.6	90
122	“Orange alert”: A fluorescent detector for bisphenol A in water environments. <i>Analytica Chimica Acta</i> , 2014, 815, 51-56.	2.6	18
123	<i>meso</i> -Ester and Carboxylic Acid Substituted BODIPYs with Far-Red and Near-Infrared Emission for Bioimaging Applications. <i>Chemistry - A European Journal</i> , 2014, 20, 2301-2310.	1.7	55
124	Mechanistic elements and critical factors of cellular reprogramming revealed by stepwise global gene expression analyses. <i>Stem Cell Research</i> , 2014, 12, 730-741.	0.3	50
125	Wavelength and shape dependent SERS study to develop ultrasensitive nanotags for imaging of cancer cells. <i>RSC Advances</i> , 2014, 4, 12415.	1.7	15
126	Microglia specific fluorescent probes for live cell imaging. <i>Chemical Communications</i> , 2014, 50, 1089-1091.	2.2	28

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127	A fluorescent probe for imaging symmetric and asymmetric cell division in neurosphere formation. <i>Chemical Communications</i> , 2014, 50, 7492-7494.	2.2	16
128	Development of a fluorescent sensor for illicit date rape drug GHB. <i>Chemical Communications</i> , 2014, 50, 2904.	2.2	43
129	A macrophage uptaking near-infrared chemical probe CDnir7 for in vivo imaging of inflammation. <i>Chemical Communications</i> , 2014, 50, 6589.	2.2	35
130	Milk quality control: instant and quantitative milk fat determination with a BODIPY sensor-based fluorescence detector. <i>Chemical Communications</i> , 2014, 50, 10398-10401.	2.2	17
131	CDr10b inhibits the expression of cyclooxygenase-2 and inducible nitric oxide synthase induced by lipopolysaccharide. <i>European Journal of Pharmacology</i> , 2014, 742, 42-46.	1.7	4
132	Diversity Oriented Fluorescence Library Approach (DOFLA) for Live Cell Imaging Probe Development. <i>Accounts of Chemical Research</i> , 2014, 47, 1277-1286.	7.6	113
133	Dark to light! A new strategy for large Stokes shift dyes: coupling of a dark donor with tunable high quantum yield acceptors. <i>Chemical Science</i> , 2014, 5, 4812-4818.	3.7	46
134	The role of "disaggregation" in optical probe development. <i>Chemical Society Reviews</i> , 2014, 43, 2402.	18.7	164
135	<i>In Situ</i> Investigation of Mammalian Inorganic Polyphosphate Localization Using Novel Selective Fluorescent Probes JC-D7 and JC-D8. <i>ACS Chemical Biology</i> , 2014, 9, 2101-2110.	1.6	54
136	An Artificial Tongue Fluorescent Sensor Array for Identification and Quantitation of Various Heavy Metal Ions. <i>Analytical Chemistry</i> , 2014, 86, 8763-8769.	3.2	91
137	A Chemical Probe that Labels Human Pluripotent Stem Cells. <i>Cell Reports</i> , 2014, 6, 1165-1174.	2.9	42
138	Live cells imaging using a turn-on FRET-based BODIPY probe for biothiols. <i>Biomaterials</i> , 2014, 35, 6078-6085.	5.7	91
139	Actively Targeted In Vivo Multiplex Detection of Intrinsic Cancer Biomarkers Using Biocompatible SERS Nanotags. <i>Scientific Reports</i> , 2014, 4, 4075.	1.6	159
140	Discovery of a Structural-Element Specific G-Quadruplex "Light-Up" Probe. <i>Scientific Reports</i> , 2014, 4, 3776.	1.6	41
141	A ratiometric fluorescent dye for the detection of glutathione in live cells and liver cancer tissue. <i>Chemical Communications</i> , 2013, 49, 7207.	2.2	50
142	Identification of an ABCB1 (P-glycoprotein) positive carfilzomib-resistant myeloma subpopulation by the pluripotent stem cell fluorescent dye CDy1. <i>American Journal of Hematology</i> , 2013, 88, 265-272.	2.0	79
143	A Unique Small Molecule Inhibitor of Enolase Clarifies Its Role in Fundamental Biological Processes. <i>ACS Chemical Biology</i> , 2013, 8, 1271-1282.	1.6	81
144	Focused Fluorescent Probe Library for Metal Cations and Biological Anions. <i>ACS Combinatorial Science</i> , 2013, 15, 483-490.	3.8	17

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145	Make Caffeine Visible: a Fluorescent Caffeine "Traffic Light" Detector. <i>Scientific Reports</i> , 2013, 3, 2255.	1.6	43
146	Discovery of a chondroitin 4-sulphate fluorescent probe. <i>Supramolecular Chemistry</i> , 2013, 25, 41-45.	1.5	1
147	Neural stem cell isolation from the whole mouse brain using the novel FABP7-binding fluorescent dye, CDr3. <i>Stem Cell Research</i> , 2013, 11, 1314-1322.	0.3	23
148	MegaStokes BODIPY-triazoles as environmentally sensitive turn-on fluorescent dyes. <i>Chemical Science</i> , 2013, 4, 2168.	3.7	107
149	Development of a chalcone"triazine fusion library: combination of a fluorophore and biophore. <i>Tetrahedron Letters</i> , 2013, 54, 2976-2979.	0.7	5
150	Surface-enhanced Raman scattering in cancer detection and imaging. <i>Trends in Biotechnology</i> , 2013, 31, 249-257.	4.9	410
151	Visualization and Isolation of Langerhans Islets by a Fluorescent Probe PiY. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8557-8560.	7.2	36
152	Development of a fluorescent sensor for an illicit date rape drug " GBL. <i>Chemical Communications</i> , 2013, 49, 6170.	2.2	34
153	The Development of Novel Near-Infrared (NIR) Tetraarylazadipyromethene Fluorescent Dyes. <i>Materials</i> , 2013, 6, 1779-1788.	1.3	9
154	Fluorescent Dye Cocktail for Multiplex Drug-Site Mapping on Human Serum Albumin. <i>ACS Combinatorial Science</i> , 2013, 15, 452-457.	3.8	69
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