

# Young Tae Chang

## List of Publications by Year in descending order

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388  
papers

22,964  
citations

9234

74  
h-index

12558

132  
g-index

417  
all docs

417  
docs citations

417  
times ranked

26523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular Glutathione Detection Using MnO <sub>2</sub> -Nanosheet-Modified Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 20168-20171.	6.6	845
2	RNA buffers the phase separation behavior of prion-like RNA binding proteins. <i>Science</i> , 2018, 360, 918-921.	6.0	837
3	Discerning the Chemistry in Individual Organelles with Small-Molecule Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13658-13699.	7.2	634
4	Combinatorial Strategies in Fluorescent Probe Development. <i>Chemical Reviews</i> , 2012, 112, 4391-4420.	23.0	591
5	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
6	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
7	Surface-enhanced Raman scattering in cancer detection and imaging. <i>Trends in Biotechnology</i> , 2013, 31, 249-257.	4.9	410
8	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
9	Modulation of CD1d-restricted NKT cell responses by using N-acyl variants of $\beta$ -galactosylceramides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3383-3388.	3.3	308
10	Mitochondria are physiologically maintained at close to 50 °C. <i>PLoS Biology</i> , 2018, 16, e2003992.	2.6	295
11	Chemical Genetics. <i>Chemical Reviews</i> , 2006, 106, 2476-2530.	23.0	293
12	Nuclear Envelope Budding Enables Large Ribonucleoprotein Particle Export during Synaptic Wnt Signaling. <i>Cell</i> , 2012, 149, 832-846.	13.5	292
13	Expulsion of small molecules in vesicles shed by cancer cells: association with gene expression and chemosensitivity profiles. <i>Cancer Research</i> , 2003, 63, 4331-7.	0.4	288
14	Partitioning of cancer therapeutics in nuclear condensates. <i>Science</i> , 2020, 368, 1386-1392.	6.0	281
15	Synthesis and application of functionally diverse 2,6,9-trisubstituted purine libraries as CDK inhibitors. <i>Chemistry and Biology</i> , 1999, 6, 361-375.	6.2	250
16	Ultrasensitive Near-Infrared Raman Reporters for SERS-Based In Vivo Cancer Detection. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6089-6092.	7.2	250
17	Piezoelectric Nanoparticle-Assisted Wireless Neuronal Stimulation. <i>ACS Nano</i> , 2015, 9, 7678-7689.	7.3	236
18	High-Efficiency in Vitro and in Vivo Detection of Zn <sup>2+</sup> by Dye-Assembled Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 2336-2342.	6.6	233

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19	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
20	Multiplex targeted in vivo cancer detection using sensitive near-infrared SERS nanotags. <i>Nano Today</i> , 2012, 7, 85-93.	6.2	227
21	Intracellular targets of cyclin-dependent kinase inhibitors: identification by affinity chromatography using immobilised inhibitors. <i>Chemistry and Biology</i> , 2000, 7, 411-422.	6.2	219
22	Combinatorial Rosamine Library and Application to in Vivo Glutathione Probe. <i>Journal of the American Chemical Society</i> , 2007, 129, 4510-4511.	6.6	216
23	Myoseverin, a microtubule-binding molecule with novel cellular effects. <i>Nature Biotechnology</i> , 2000, 18, 304-308.	9.4	212
24	Synthesis of a BODIPY Library and Its Application to the Development of Live Cell Glucagon Imaging Probe. <i>Journal of the American Chemical Society</i> , 2009, 131, 10077-10082.	6.6	206
25	Gold and Hairpin DNA Functionalization of Upconversion Nanocrystals for Imaging and In Vivo Drug Delivery. <i>Advanced Materials</i> , 2017, 29, 1700244.	11.1	186
26	RNA-Selective, Live Cell Imaging Probes for Studying Nuclear Structure and Function. <i>Chemistry and Biology</i> , 2006, 13, 615-623.	6.2	185
27	Anti-HIV activity of olive leaf extract (OLE) and modulation of host cell gene expression by HIV-1 infection and OLE treatment. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 1029-1037.	1.0	184
28	Real-time In vivo Hepatotoxicity Monitoring through Chromophore-Conjugated Photon-Upconverting Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4165-4169.	7.2	178
29	Motion-induced change in emission (MICE) for developing fluorescent probes. <i>Chemical Society Reviews</i> , 2017, 46, 4833-4844.	18.7	172
30	Development of photostable near-infrared cyanine dyes. <i>Chemical Communications</i> , 2010, 46, 7406.	2.2	169
31	The role of "disaggregation" in optical probe development. <i>Chemical Society Reviews</i> , 2014, 43, 2402.	18.7	164
32	Chemical Fluorescent Probe for Detection of A $\beta$ 2 Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 13503-13509.	6.6	163
33	Kinetics and Cellular Site of Glycolipid Loading Control the Outcome of Natural Killer T Cell Activation. <i>Immunity</i> , 2009, 30, 888-898.	6.6	159
34	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. <i>Chemical Communications</i> , 2015, 51, 8044-8047.	2.2	159
35	Actively Targeted In Vivo Multiplex Detection of Intrinsic Cancer Biomarkers Using Biocompatible SERS Nanotags. <i>Scientific Reports</i> , 2014, 4, 4075.	1.6	159
36	A High-Throughput Screen for Compounds That Inhibit Aggregation of the Alzheimer's Peptide. <i>ACS Chemical Biology</i> , 2006, 1, 461-469.	1.6	158

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37	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
38	A Molecular Fluorescent Probe for Targeted Visualization of Temperature at the Endoplasmic Reticulum. <i>Scientific Reports</i> , 2014, 4, 6701.	1.6	153
39	Combinatorial Approach to Organelle-Targeted Fluorescent Library Based on the Styryl Scaffold. <i>Journal of the American Chemical Society</i> , 2003, 125, 1130-1131.	6.6	152
40	Facilitated Forward Chemical Genetics Using a Tagged Triazine Library and Zebrafish Embryo Screening. <i>Journal of the American Chemical Society</i> , 2003, 125, 11804-11805.	6.6	138
41	High content live cell imaging for the discovery of new antimalarial marine natural products. <i>BMC Infectious Diseases</i> , 2012, 12, 1.	1.3	137
42	Combinatorial Synthesis of Benzimidazolium Dyes and Its Diversity Directed Application toward GTP-Selective Fluorescent Chemosensors. <i>Journal of the American Chemical Society</i> , 2006, 128, 10380-10381.	6.6	136
43	Small molecule microarrays: recent advances and applications. <i>Current Opinion in Chemical Biology</i> , 2005, 9, 4-13.	2.8	133
44	Solid-Phase Synthesis of Styryl Dyes and their Application as Amyloid Sensors. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6331-6335.	7.2	131
45	Discovery of heparin chemosensors through diversity oriented fluorescence library approach. <i>Chemical Communications</i> , 2008, , 1173-1175.	2.2	126
46	A Novel Microtubule Destabilizing Entity from Orthogonal Synthesis of Triazine Library and Zebrafish Embryo Screening. <i>Journal of the American Chemical Society</i> , 2002, 124, 11608-11609.	6.6	124
47	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: Part I. Integrase inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 872-878.	1.0	123
48	A General Descriptor $\hat{P}^{\text{E}}$ 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
49	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
50	Multiplex cancer cell detection by SERS nanotags with cyanine and triphenylmethine Raman reporters. <i>Chemical Communications</i> , 2011, 47, 3514.	2.2	112
51	Structural and Functional Modeling of Human Lysozyme Reveals a Unique Nonapeptide, HL9, with Anti-HIV Activity. <i>Biochemistry</i> , 2005, 44, 4648-4655.	1.2	109
52	Development of biocompatible SERS nanotag with increased stability by chemisorption of reporter molecule for in vivo cancer detection. <i>Biosensors and Bioelectronics</i> , 2010, 26, 398-403.	5.3	107
53	MegaStokes BODIPY-triazoles as environmentally sensitive turn-on fluorescent dyes. <i>Chemical Science</i> , 2013, 4, 2168.	3.7	107
54	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda = 1100$ nm. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2815-2819.	7.2	100

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55	Colorimetric Identification of Carbohydrates by a pH Indicator/pH Change Inducer Ensemble. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6485-6487.	7.2	98
56	Synthesis and biological evaluation of novel 1,3,5-triazine derivatives as antimicrobial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1308-1311.	1.0	96
57	Diversity-driven chemical probe development for biomolecules: beyond hypothesis-driven approach. <i>Chemical Society Reviews</i> , 2011, 40, 3613.	18.7	94
58	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
59	Development of background-free tame fluorescent probes for intracellular live cell imaging. <i>Nature Communications</i> , 2016, 7, 11964.	5.8	92
60	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
61	Live cells imaging using a turn-on FRET-based BODIPY probe for biothiols. <i>Biomaterials</i> , 2014, 35, 6078-6085.	5.7	91
62	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
63	Synthesis of a new fluorescent small molecule probe and its use for in vivo lipid imaging. <i>Chemical Communications</i> , 2011, 47, 7500.	2.2	88
64	Sensitive multiplex detection of serological liver cancer biomarkers using SERS- $\epsilon$ -active photonic crystal fiber probe. <i>Journal of Biophotonics</i> , 2014, 7, 956-965.	1.1	86
65	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
66	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
67	CRISPR-engineered human brown-like adipocytes prevent diet-induced obesity and ameliorate metabolic syndrome in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	80
68	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
69	Discovery of Estrogen Sulfotransferase Inhibitors from a Purine Library Screen. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2683-2686.	2.9	79
70	Identification of an $\alpha$ -Glycoprotein- $\epsilon$ -positive carfilzomib-resistant myeloma subpopulation by the pluripotent stem cell fluorescent dye $\alpha$ -CDy1. <i>American Journal of Hematology</i> , 2013, 88, 265-272.	2.0	79
71	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
72	A Photoexcitation-Induced Twisted Intramolecular Charge Shuttle. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7073-7077.	7.2	79

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73	Styryl-Based Compounds as Potential in vivo Imaging Agents for $\beta$ -Amyloid Plaques. <i>ChemBioChem</i> , 2007, 8, 1679-1687.	1.3	78
74	Diversity-oriented fluorescence library approach for the discovery of sensors and probes. <i>Molecular BioSystems</i> , 2009, 5, 411.	2.9	77
75	Discovery of a green DNA probe for live-cell imaging. <i>Chemical Communications</i> , 2010, 46, 436-438.	2.2	77
76	Optical visualisation of thermogenesis in stimulated single-cell brown adipocytes. <i>Scientific Reports</i> , 2017, 7, 1383.	1.6	77
77	Tools for target identification and validation. <i>Current Opinion in Chemical Biology</i> , 2004, 8, 371-377.	2.8	76
78	Recapture of GFP Chromophore Fluorescence in a Protein Host. <i>ACS Combinatorial Science</i> , 2011, 13, 214-217.	3.8	76
79	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
80	Development of a Universal Fluorescent Probe for Gram-Positive Bacteria. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8426-8431.	7.2	74
81	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2442-2446.	7.2	73
82	Inhibition and Reversal of Myogenic Differentiation by Purine-Based Microtubule Assembly Inhibitors. <i>Chemistry and Biology</i> , 2002, 9, 475-483.	6.2	72
83	A Fluorescent Rosamine Compound Selectively Stains Pluripotent Stem Cells. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7497-7500.	7.2	72
84	Silica Nanoparticle-Enhanced Fluorescent Sensor Array for Heavy Metal Ions Detection in Colloid Solution. <i>Analytical Chemistry</i> , 2018, 90, 1628-1634.	3.2	72
85	Forward chemical genetic approach identifies new role for GAPDH in insulin signaling. <i>Nature Chemical Biology</i> , 2007, 3, 55-59.	3.9	71
86	A novel zebrafish human tumor xenograft model validated for anti-cancer drug screening. <i>Molecular BioSystems</i> , 2012, 8, 1930.	2.9	71
87	Neural stem cell specific fluorescent chemical probe binding to FABP7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10214-10217.	3.3	70
88	The Synthesis and Biological Characterization of a Ceramide Library. <i>Journal of the American Chemical Society</i> , 2002, 124, 1856-1857.	6.6	69
89	Investigations of the Molecular Mechanism of Metal-Induced $A\beta$ (1-40) Amyloidogenesis. <i>Biochemistry</i> , 2007, 46, 13523-13532.	1.2	69
90	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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91	Gold Nanoshell-Mediated Remote Myotube Activation. <i>ACS Nano</i> , 2017, 11, 2494-2508.	7.3	69
92	Purine-Based Inhibitors of Inositol-1,4,5-trisphosphate-3-kinase. <i>ChemBioChem</i> , 2002, 3, 897-901.	1.3	68
93	Microarrays of Tagged Combinatorial Triazine Libraries in the Discovery of Small-Molecule Ligands of Human IgG. <i>ACS Combinatorial Science</i> , 2004, 6, 862-868.	3.3	67
94	Bioactive small molecules reveal antagonism between the integrated stress response and sterol-regulated gene expression. <i>Cell Metabolism</i> , 2005, 2, 361-371.	7.2	66
95	High-Performance Graphene-Titania Platform for Detection of Phosphopeptides in Cancer Cells. <i>Analytical Chemistry</i> , 2012, 84, 6693-6700.	3.2	66
96	Identification of a Novel Protein Regulating Microtubule Stability through a Chemical Approach. <i>Chemistry and Biology</i> , 2004, 11, 135-146.	6.2	65
97	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: Part II. Integrase inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 879-884.	1.0	65
98	Novel use of fluorescent glucose analogues to identify a new class of triazine-based insulin mimetics possessing useful secondary effects. <i>Molecular BioSystems</i> , 2011, 7, 346-358.	2.9	65
99	Discovery of Carbohydrate Sulfotransferase Inhibitors from a Kinase-Directed Library. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1303-1306.	7.2	64
100	Development of novel cell-permeable DNA sensitive dyes using combinatorial synthesis and cell-based screening. Electronic supplementary information (ESI) available: experimental section. See <a href="http://www.rsc.org/suppdata/cc/b3/b303960a/">http://www.rsc.org/suppdata/cc/b3/b303960a/</a> . <i>Chemical Communications</i> , 2003, , 1852.	2.2	63
101	A cyclin-dependent kinase inhibitor inducing cancer cell differentiation: Biochemical identification using <i>Xenopus</i> egg extracts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 4797-4802.	3.3	62
102	Dissection of Melanogenesis with Small Molecules Identifies Prohibitin as a Regulator. <i>Chemistry and Biology</i> , 2005, 12, 477-484.	6.2	62
103	Combinatorial Dapoxyl Dye Library and its Application to Site Selective Probe for Human Serum Albumin. <i>ACS Combinatorial Science</i> , 2007, 9, 1079-1083.	3.3	62
104	Synthesis and anticancer activity studies of cycloamine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1359-1363.	1.0	62
105	A Single-Cell Analysis of Myogenic Dedifferentiation Induced by Small Molecules. <i>Chemistry and Biology</i> , 2005, 12, 1117-1126.	6.2	60
106	A Simple BODIPY-Based Viscosity Probe for Imaging of Cellular Viscosity in Live Cells. <i>Sensors</i> , 2016, 16, 1397.	2.1	60
107	A thermoresponsive nanocarrier for mitochondria-targeted drug delivery. <i>Chemical Communications</i> , 2019, 55, 4051-4054.	2.2	60
108	Control of Muscle Differentiation by a Mitochondria-Targeted Fluorophore. <i>Journal of the American Chemical Society</i> , 2010, 132, 576-579.	6.6	59



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109	Bodipy-diacrylate imaging probes for targeted proteins inside live cells. <i>Chemical Communications</i> , 2011, 47, 4508.	2.2	57
110	Visual Artificial Tongue for Quantitative Metal-Cation Analysis by an Off-the-Shelf Dye Array. <i>Chemistry - A European Journal</i> , 2006, 12, 5691-5696.	1.7	56
111	Solid-phase synthesis of BODIPY dyes and development of an immunoglobulin fluorescent sensor. <i>Chemical Communications</i> , 2011, 47, 8424.	2.2	56
112	Development of a fluorescent chalcone library and its application in the discovery of a mouse embryonic stem cell probe. <i>Chemical Communications</i> , 2012, 48, 6681.	2.2	56
113	Imaging inflammation using an activated macrophage probe with Slc18b1 as the activation-selective gating target. <i>Nature Communications</i> , 2019, 10, 1111.	5.8	56
114	Fluorescent probe strategy for live cell distinction. <i>Chemical Society Reviews</i> , 2022, 51, 1573-1591.	18.7	56
115	Selective Human Serum Albumin Sensor from the Screening of a Fluorescent Rosamine Library. <i>ACS Combinatorial Science</i> , 2008, 10, 376-380.	3.3	55
116	A Chemical Screen Identifies Novel Compounds That Overcome Glial-Mediated Inhibition of Neuronal Regeneration. <i>Journal of Neuroscience</i> , 2010, 30, 4693-4706.	1.7	55
117	Accelerating fluorescent sensor discovery: unbiased screening of a diversity-oriented BODIPY library. <i>Chemical Communications</i> , 2011, 47, 2339-2341.	2.2	55
118	<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
119	Advances in the design of cell-permeable fluorescent probes for applications in live cell imaging. <i>Chemical Communications</i> , 2018, 54, 13641-13653.	2.2	55
120	Novel Orthogonal Strategy toward Solid-Phase Synthesis of 1,3,5-Substituted Triazines. <i>Organic Letters</i> , 2003, 5, 117-120.	2.4	54
121	<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
122	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. <i>Angewandte Chemie</i> , 2016, 128, 13858-13902.	1.6	53
123	Phytic Acid Synthesis and Vacuolar Accumulation in Suspension-Cultured Cells of <i>Catharanthus roseus</i> Induced by High Concentration of Inorganic Phosphate and Cations. <i>Plant Physiology</i> , 2005, 138, 1607-1614.	2.3	51
124	Small-Molecule Fluorophores To Detect Cell-State Switching in the Context of High-Throughput Screening. <i>Journal of the American Chemical Society</i> , 2008, 130, 4208-4209.	6.6	51
125	Identification of disulfide cross-linked tau dimer responsible for tau propagation. <i>Scientific Reports</i> , 2015, 5, 15231.	1.6	51
126	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



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127	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
128	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
129	Diversity-oriented fluorescence library approaches for probe discovery and development. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 383-389.	2.8	50
130	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
131	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
132	Microwave Enhanced Knoevenagel Condensation of Ethyl Cyanoacetate with Aldehydes. <i>Synthetic Communications</i> , 1997, 27, 533-541.	1.1	49
133	Identification of Compounds that Bind Mitochondrial F1F0 ATPase by Screening a Triazine Library for Correction of Albinism. <i>Chemistry and Biology</i> , 2004, 11, 1251-1259.	6.2	49
134	Embryonic and induced pluripotent stem cell staining and sorting with the live-cell fluorescence imaging probe CDy1. <i>Nature Protocols</i> , 2011, 6, 1044-1052.	5.5	49
135	Identification of the F1F0 mitochondrial ATPase as a target for modulating skin pigmentation by screening a tagged triazine library in zebrafish. <i>Molecular BioSystems</i> , 2005, 1, 85.	2.9	47
136	RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming. <i>Cell Reports</i> , 2016, 15, 2597-2607.	2.9	47
137	The Binding of Fluorophores to Proteins Depends on the Cellular Environment. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2761-2763.	7.2	46
138	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
139	Comparative Mechanistic and Substrate Specificity Study of Inositol Polyphosphate 5-Phosphatase Schizosaccharomyces pombe Synaptojanin and SHIP2. <i>Journal of Biological Chemistry</i> , 2004, 279, 44987-44995.	1.6	45
140	Imaging histamine in live basophils and macrophages with a fluorescent mesoionic acid fluoride. <i>Chemical Communications</i> , 2012, 48, 7401.	2.2	45
141	Establishment of a robust dengue virus NS3-NS5 binding assay for identification of protein-protein interaction inhibitors. <i>Antiviral Research</i> , 2012, 96, 305-314.	1.9	45
142	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. <i>Chemical Science</i> , 2016, 7, 5069-5077.	3.7	44
143	Direct organelle thermometry with fluorescence lifetime imaging microscopy in single myotubes. <i>Chemical Communications</i> , 2016, 52, 4458-4461.	2.2	44
144	Discovery of amyloid-beta aggregation inhibitors using an engineered assay for intracellular protein folding and solubility. <i>Protein Science</i> , 2009, 18, 277-286.	3.1	43

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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	Development of a fluorescent sensor for illicit date rape drug GHB. <i>Chemical Communications</i> , 2014, 50, 2904.	2.2	43
147	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
148	Fluorescent squaramides as anion receptors and transmembrane anion transporters. <i>Chemical Communications</i> , 2018, 54, 1363-1366.	2.2	43
149	Synthesis and Biological Evaluation of Myoseverin Derivatives: $\alpha$ Microtubule Assembly Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 4497-4500.	2.9	42
150	Isozyme-Specific Fluorescent Inhibitor of Glutathione S-Transferase Omega 1. <i>ACS Chemical Biology</i> , 2010, 5, 449-453.	1.6	42
151	Synthesis and characterization of a cell-permeable near-infrared fluorescent deoxyglucose analogue for cancer cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4760.	1.5	42
152	A Chemical Probe that Labels Human Pluripotent Stem Cells. <i>Cell Reports</i> , 2014, 6, 1165-1174.	2.9	42
153	A protocol for preparing, characterizing and using three RNA-specific, live cell imaging probes: E36, E144 and F22. <i>Nature Protocols</i> , 2006, 1, 2922-2932.	5.5	41
154	Discovery of a Structural-Element Specific G-Quadruplex "Light-Up" Probe. <i>Scientific Reports</i> , 2014, 4, 3776.	1.6	41
155	Identification of a New Class of Prostaglandin Transporter Inhibitors and Characterization of Their Biological Effects on Prostaglandin E2 Transport. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1346-1350.	1.3	40
156	Microwave Enhanced Knoevenagel Condensation of Malonic Acid on Basic Alumina. <i>Synthetic Communications</i> , 1997, 27, 4091-4100.	1.1	39
157	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie</i> , 2016, 128, 1805-1808.	1.6	38
158	Identification of Tumor Initiating Cells with a Small-Molecule Fluorescent Probe by Using Vimentin as a Biomarker. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2851-2854.	7.2	38
159	Solid phase combinatorial synthesis of a xanthone library using click chemistry and its application to an embryonic stem cell probe. <i>Chemical Communications</i> , 2011, 47, 7488.	2.2	37
160	Diversity-oriented optical imaging probe development. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 760-767.	2.8	37
161	Synthesis of a Novel BODIPY Library and Its Application in the Discovery of a Fructose Sensor. <i>ACS Combinatorial Science</i> , 2012, 14, 81-84.	3.8	37
162	Axon-First Neuritogenesis on Vertical Nanowires. <i>Nano Letters</i> , 2016, 16, 675-680.	4.5	37

#	ARTICLE	IF	CITATIONS
163	Diversification of reprogramming trajectories revealed by parallel single-cell transcriptome and chromatin accessibility sequencing. <i>Science Advances</i> , 2020, 6, .	4.7	37
164	Functional Profiling, Identification, and Inhibition of Plasmepsins in Intraerythrocytic Malaria Parasites. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8293-8297.	7.2	36
165	Fluorescence Response Profiling for Small Molecule Sensors Utilizing the Green Fluorescent Protein Chromophore and Its Derivatives. <i>ACS Combinatorial Science</i> , 2011, 13, 32-38.	3.8	36
166	Visualization and Isolation of Langerhans Islets by a Fluorescent Probe PiY. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8557-8560.	7.2	36
167	Rapid kinetic measurements of $^{45}\text{Ca}^{2+}$ mobilization reveal that $\text{Ins}(2,4,5)\text{P}_3$ is a partial agonist at hepatic $\text{InsP}_3$ receptors. <i>Biochemical Journal</i> , 1997, 321, 573-576.	1.7	35
168	Palladium-catalyzed cross-coupling reaction of resin-bound chlorotriazines. <i>Tetrahedron Letters</i> , 2003, 44, 6141-6144.	0.7	35
169	Nitrophenol Resins for Facile Amide and Sulfonamide Library Synthesis. <i>ACS Combinatorial Science</i> , 2003, 5, 330-335.	3.3	35
170	Synthesis and evaluation of stilbene derivatives as a potential imaging agent of amyloid plaques. <i>Biorganic and Medicinal Chemistry</i> , 2010, 18, 7724-7730.	1.4	35
171	A macrophage uptaking near-infrared chemical probe CDnir7 for in vivo imaging of inflammation. <i>Chemical Communications</i> , 2014, 50, 6589.	2.2	35
172	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
173	Tagged library approach to chemical genomics and proteomics. <i>Current Opinion in Chemical Biology</i> , 2004, 8, 26-32.	2.8	34
174	Development of a fluorescent sensor for an illicit date rape drug $\hat{\epsilon}$ GBL. <i>Chemical Communications</i> , 2013, 49, 6170.	2.2	34
175	Multimodal Imaging Probe Development for Pancreatic $\hat{1}^2$ Cells: From Fluorescence to PET. <i>Journal of the American Chemical Society</i> , 2020, 142, 3430-3439.	6.6	34
176	Synthesis and iron binding studies of myo-inositol 1,2,3-trisphosphate and ( $\hat{\Delta}$ )-myo-inositol 1,2-bisphosphate, and iron binding studies of all myo-inositol tetrakisphosphates. <i>Carbohydrate Research</i> , 1996, 282, 81-99.	1.1	33
177	A Rapid Fluorescence-Based Assay for Classification of iNKT Cell Activating Glycolipids. <i>Journal of the American Chemical Society</i> , 2011, 133, 5198-5201.	6.6	33
178	High-content live cell imaging with RNA probes: advancements in high-throughput antimalarial drug discovery. <i>BMC Cell Biology</i> , 2009, 10, 45.	3.0	31
179	Combinatorial synthesis of a triphenylmethine library and their application in the development of Surface Enhanced Raman Scattering (SERS) probes. <i>Chemical Communications</i> , 2010, 46, 722-724.	2.2	31
180	$\hat{1}\pm$ -Galactosylceramide Analogs with Weak Agonist Activity for Human iNKT Cells Define New Candidate Anti-Inflammatory Agents. <i>PLoS ONE</i> , 2010, 5, e14374.	1.1	31

#	ARTICLE	IF	CITATIONS
181	Specificity of the purified inositol (1,3,4,5) tetrakisphosphate-binding protein from porcine platelets. <i>FEBS Letters</i> , 1995, 358, 240-242.	1.3	30
182	Chemoinformatic Analysis of a Supertargeted Combinatorial Library of Styryl Molecules. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 2068-2080.	2.8	30
183	Tagged Small Molecule Library Approach for Facilitated Chemical Genetics. <i>Accounts of Chemical Research</i> , 2007, 40, 1025-1033.	7.6	30
184	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
185	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
186	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
187	Recent Advances in Small Molecule Microarrays: Applications and Technology. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2004, 7, 557-564.	0.6	30
188	Targeting hyperproliferative disorders with cyclin dependent kinase inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2000, 10, 215-230.	2.4	28
189	Understanding the effects of the polymer support on reaction rates and kinetics: knowledge toward efficient synthetic design. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 353-361.	2.8	28
190	Microglia specific fluorescent probes for live cell imaging. <i>Chemical Communications</i> , 2014, 50, 1089-1091.	2.2	28
191	Seeing Elastin: A Near-Infrared Zwitterionic Fluorescent Probe for In Vivo Elastin Imaging. <i>CheM</i> , 2018, 4, 1128-1138.	5.8	28
192	Solid phase synthesis of ultra-photostable cyanine NIR dye library. <i>RSC Advances</i> , 2011, 1, 573.	1.7	27
193	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
194	A palette of background-free tame fluorescent probes for intracellular multi-color labelling in live cells. <i>Chemical Science</i> , 2018, 9, 2376-2383.	3.7	27
195	Practical divergent synthesis of all possible regioisomers of myo-inositol trisphosphates. <i>Chemical Communications</i> , 1996, , 163.	2.2	26
196	Synthesis of all possible regioisomers of scyllo-Inositol phosphate. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 2577-2589.	1.4	26
197	Divergent Syntheses of All Possible Optically Active Regioisomers of myo-Inositol Tris- and Tetrakisphosphates. <i>Journal of Organic Chemistry</i> , 2002, 67, 5626-5637.	1.7	26
198	Determination of Specificity of a High-Affinity Inositol 1,3,4,5-Tetrakisphosphate Binding Site at a 42 kDa Receptor Protein, p42IP4: Comparison of Affinities of All Inositoltris-, -Tetrakis-, and -Pentakisphosphate Regioisomers. <i>Biochemical and Biophysical Research Communications</i> , 1996, 228, 596-604.	1.0	25

#	ARTICLE	IF	CITATIONS
199	Strategies for Facilitated Forward Chemical Genetics. <i>ChemBioChem</i> , 2004, 5, 903-908.	1.3	25
200	Ratiometric Fluorescent Probes for Hydrogen Peroxide from a Focused Library. <i>Chemistry - A European Journal</i> , 2013, 19, 14791-14794.	1.7	25
201	Tools for Bioimaging Pancreatic $\beta$ Cells in Diabetes. <i>Trends in Molecular Medicine</i> , 2019, 25, 708-722.	3.5	25
202	Biocompatible surface-enhanced Raman scattering nanotags for <i>in vivo</i> cancer detection. <i>Nanomedicine</i> , 2014, 9, 523-535.	1.7	24
203	Diversity-Oriented Approach for Chemical Biology. <i>Chemical Record</i> , 2015, 15, 495-510.	2.9	24
204	Visualizing Microglia with a Fluorescence Turn-On Ugt1a7c Substrate. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7972-7976.	7.2	24
205	Synthesis of all possible regioisomers of myo-inositol tetrakisphosphates. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 11.	2.0	23
206	Tubulyzine <sup>®</sup> , a novel tri-substituted triazine, prevents the early cell death of transplanted myogenic cells and improves transplantation success. <i>Biochemistry and Cell Biology</i> , 2003, 81, 81-90.	0.9	23
207	The Combinatorial Synthesis of Purine, Pyrimidine and Triazine-based Libraries. <i>QSAR and Combinatorial Science</i> , 2004, 23, 245-260.	1.5	23
208	Safety-Catch Approach to Orthogonal Synthesis of a Triazine Library. <i>ACS Combinatorial Science</i> , 2004, 6, 474-477.	3.3	23
209	A Photostable Near-Infrared Protein Labeling Dye for In Vivo Imaging. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1353-1357.	1.7	23
210	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
211	Combinatorial discovery of novel fluorescent dyes based on Dapoxyl <sup>®</sup> . <i>Tetrahedron Letters</i> , 2002, 43, 5083-5086.	0.7	22
212	Divergent syntheses of all stereoisomers of phytosphingosine and their use in the construction of a ceramide library. <i>Bioorganic Chemistry</i> , 2008, 36, 220-228.	2.0	22
213	Diversity-Oriented Fluorescence Library Approach (DOFLA) to the Discovery of Chymotrypsin Sensor. <i>ACS Combinatorial Science</i> , 2008, 10, 460-465.	3.3	22
214	Development of a High-Affinity Inhibitor of the Prostaglandin Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 633-641.	1.3	22
215	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
216	Binding and activity of the nine possible regioisomers of myo-inositol tetrakisphosphate at the inositol 1,4,5-trisphosphate receptor. <i>Cell Calcium</i> , 1997, 21, 301-310.	1.1	21

#	ARTICLE	IF	CITATIONS
217	A new approach for turn-on fluorescence sensing of L-DOPA. <i>Chemical Communications</i> , 2017, 53, 12465-12468.	2.2	21
218	Recombinant p42IP4, a brain-specific 42-kDa high-affinity Ins(1,3,4,5)P4 receptor protein, specifically interacts with lipid membranes containing Ptd-Ins(3,4,5)P3. <i>FEBS Journal</i> , 1999, 261, 577-584.	0.2	20
219	Comparative Resin Kinetics Using in Situ Fluorescence Measurements. <i>ACS Combinatorial Science</i> , 2002, 4, 204-208.	3.3	20
220	Enhancing effects of ceramide derivatives on 1,25-dihydroxyvitamin D3-induced differentiation of human HL-60 leukemia cells. <i>Life Sciences</i> , 2007, 81, 1638-1644.	2.0	20
221	Counterion Free Colorimetric Metal Cation Sensor Array. <i>ACS Combinatorial Science</i> , 2007, 9, 926-928.	3.3	20
222	Quantitative Structure-Fluorescence Property Relationship Analysis of a Large BODIPY Library. <i>Molecular Informatics</i> , 2010, 29, 717-729.	1.4	20
223	A colorimetric pH indicators and boronic acids ensemble array for quantitative sugar analysis. <i>Chemical Communications</i> , 2011, 47, 4001.	2.2	20
224	Orally active desulfated low molecular weight heparin and deoxycholic acid conjugate, 6ODS-LHbD, suppresses neovascularization and bone destruction in arthritis. <i>Journal of Controlled Release</i> , 2012, 163, 374-384.	4.8	20
225	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
226	Development of pH-Responsive BODIPY Probes for Staining Late Endosome in Live Cells. <i>ChemPlusChem</i> , 2016, 81, 1209-1215.	1.3	20
227	Push-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
228	A Triazine Compound S06 Inhibits Proinvasive Crosstalk between Carcinoma Cells and Stromal Fibroblasts via Binding to Heat Shock Protein 90. <i>Chemistry and Biology</i> , 2011, 18, 1581-1590.	6.2	19
229	A Macrophage-Specific Fluorescent Probe for Intraoperative Lymph Node Staging. <i>Cancer Research</i> , 2014, 74, 44-55.	0.4	19
230	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
231	Real-Time In Vivo Hepatotoxicity Monitoring through Chromophore-Conjugated Photon-Upconverting Nanoprobes. <i>Angewandte Chemie</i> , 2017, 129, 4229-4233.	1.6	19
232	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
233	Pitfalls in Monitoring Mitochondrial Temperature Using Charged Thermosensitive Fluorophores. <i>Chemosensors</i> , 2020, 8, 124.	1.8	19
234	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

#	ARTICLE	IF	CITATIONS
235	Crystal structures of (±)-1,2:4,5-di-O-isopropylidene-myoinositol and (±)-1,2:5,6-di-O-isopropylidene-myoinositol: a conformational analysis. <i>Carbohydrate Research</i> , 1994, 253, 13-18.	1.1	18
236	Synthesis of all possible regioisomers of myo-Inositol pentakisphosphate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2039-2042.	1.0	18
237	Forward Chemical Genetics: Library Scaffold Design. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2004, 7, 645-52.	0.6	18
238	Tagged library approach facilitates forward chemical genetics. <i>Molecular BioSystems</i> , 2007, 3, 392.	2.9	18
239	A fluorescent screening platform for the rapid evaluation of chemicals in cellular reprogramming. <i>Stem Cell Research</i> , 2012, 9, 185-191.	0.3	18
240	Orange alert: A fluorescent detector for bisphenol A in water environments. <i>Analytica Chimica Acta</i> , 2014, 815, 51-56.	2.6	18
241	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
242	Visualizing Alzheimer's Disease Mouse Brain with Multispectral Optoacoustic Tomography using a Fluorescent probe, CDnr7. <i>Scientific Reports</i> , 2019, 9, 12052.	1.6	18
243	Molecular Evolution Using Intramolecular Acyl Migration on myo-Inositol Benzoates with Thermodynamic and Kinetic Selectors. <i>Chemistry - A European Journal</i> , 2004, 10, 3543-3547.	1.7	17
244	Discovery of novel zebrafish neural tracers by organism-based screening of a rosamine library. <i>Chemical Communications</i> , 2010, 46, 2932.	2.2	17
245	Focused Fluorescent Probe Library for Metal Cations and Biological Anions. <i>ACS Combinatorial Science</i> , 2013, 15, 483-490.	3.8	17
246	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
247	Ultrasensitive NIR-SERS Probes with Multiplexed Ratiometric Quantification for In Vivo Antibody Leads Validation. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700870.	3.9	17
248	A Photoexcitation-Induced Twisted Intramolecular Charge Shuttle. <i>Angewandte Chemie</i> , 2019, 131, 7147-7151.	1.6	17
249	Target identification of a macrocyclic hexaoxazole G-quadruplex ligand using post-target-binding visualization. <i>Chemical Communications</i> , 2020, 56, 12905-12908.	2.2	17
250	CEACAM6 is upregulated by <i>Helicobacter pylori</i> CagA and is a biomarker for early gastric cancer. <i>Oncotarget</i> , 2016, 7, 55290-55301.	0.8	17
251	Syntheses of d- and l-myoinositol 1,2,4,5-tetrakisphosphate and stereoselectivity of the l(1,4,5)P3 receptor binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 659-662.	1.0	16
252	Versatile fluorescence labeling method using activated esters on solid support. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 2479-2482.	1.0	16



#	ARTICLE	IF	CITATIONS
253	System Dynamics of Subcellular Transport. <i>Molecular Pharmaceutics</i> , 2004, 1, 414-425.	2.3	16
254	Inhibition of H <sub>2</sub> O <sub>2</sub> -induced neuroblastoma cell cytotoxicity by a triazine derivative, AA3E2. <i>European Journal of Pharmacology</i> , 2009, 622, 1-6.	1.7	16
255	Anti-amyloidogenic effect of AA3E2 attenuates A $\beta$ -amyloid induced toxicity in SK-N-MC cells. <i>Chemico-Biological Interactions</i> , 2010, 186, 16-23.	1.7	16
256	A fluorescent probe for imaging symmetric and asymmetric cell division in neurosphere formation. <i>Chemical Communications</i> , 2014, 50, 7492-7494.	2.2	16
257	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
258	Syntheses of two enantiomeric pairs of myo-inositol(1,2,4,5,6) and -(1,2,3,4,5) pentakisphosphate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 1503-1506.	1.0	15
259	Molecular Evolution onchiro-Inositol Dibenzoate Using Intramolecular Acyl Migration and Selection by Phenyl Boronic Acid. <i>ACS Combinatorial Science</i> , 2004, 6, 293-296.	3.3	15
260	Evaluation of synthetic sphingolipid analogs as ligands for peroxisome proliferator-activated receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1643-1646.	1.0	15
261	Combinatorial Solid-Phase Synthesis of 4,6-Diaryl and 4-Aryl, 6-Alkyl-1,3,5-triazines and Their Application to Efficient Biofuel Production. <i>ACS Combinatorial Science</i> , 2012, 14, 395-398.	3.8	15
262	Preparation and evaluation of BBB-permeable trehalose derivatives as potential therapeutic agents for Huntington's disease. <i>MedChemComm</i> , 2013, 4, 310-316.	3.5	15
263	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
264	Identification of Cancer Cell-Line Origins Using Fluorescence Image-Based Phenomic Screening. <i>PLoS ONE</i> , 2012, 7, e32096.	1.1	15
265	Syntheses of All Regioisomers of <i>Myo</i> -Inositol Bisphosphate. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 369-384.	0.4	14
266	Inositol phospholipid pathway inhibitors and regulators. <i>Expert Opinion on Therapeutic Patents</i> , 2001, 11, 45-59.	2.4	14
267	( $\hat{A}$ $\pm$ )-1,2:5,6-Di-O-isopropylidene-myo-inositol and ( $\hat{A}$ $\pm$ )-6-O-benzoyl-1,2:4,5-di-O-isopropylidene-myo-inositol: a practical preparation of key intermediates for myo-inositol phosphates. <i>Carbohydrate Research</i> , 2002, 337, 75-78.	1.1	14
268	Triazine-based tyrosinase inhibitors identified by chemical genetic screening. <i>Pigment Cell &amp; Melanoma Research</i> , 2005, 18, 051012082332002.	4.0	14
269	Rapid Identification of Immunostimulatory $\hat{A}$ $\pm$ -Galactosylceramides Using Synthetic Combinatorial Libraries. <i>ACS Combinatorial Science</i> , 2007, 9, 1084-1093.	3.3	14
270	Styryl-Based and Tricyclic Compounds as Potential Anti-Prion Agents. <i>PLoS ONE</i> , 2011, 6, e24844.	1.1	14

#	ARTICLE	IF	CITATIONS
271	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
272	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
273	Thermosensitive nanoplatfoms for photothermal release of cargo from liposomes under intracellular temperature monitoring. <i>RSC Advances</i> , 2015, 5, 93530-93538.	1.7	14
274	Specific Triazine Herbicides Induce Amyloid- $\beta$ 242 Production. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1593-1605.	1.2	14
275	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
276	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. <i>Mikrochimica Acta</i> , 2019, 186, 618.	2.5	14
277	Base-catalysed acyl migrations in myo-inositol dibenzoates. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 13.	2.0	13
278	Molecular interactions of all possible regioisomers of synthetic myo-inositol phosphates with inositol 1,4,5-trisphosphate 3-kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 2709-2714.	1.0	13
279	Fc $\epsilon$ RI control of Ras via inositol (1,4,5) trisphosphate 3-kinase and inositol tetrakisphosphate. <i>Cellular Signalling</i> , 2006, 18, 640-651.	1.7	13
280	A Fluorescent Rosamine Compound Selectively Stains Pluripotent Stem Cells. <i>Angewandte Chemie</i> , 2010, 122, 7659-7662.	1.6	13
281	A Fluorescent Probe for Neural Stem/Progenitor Cells with High Differentiation Capability into Neurons. <i>ChemBioChem</i> , 2016, 17, 2118-2122.	1.3	13
282	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	2.6	13
283	Rapid Detection of Senescent Mesenchymal Stromal Cells by a Fluorescent Probe. <i>Biotechnology Journal</i> , 2019, 14, e1800691.	1.8	13
284	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
285	Identification of 12Cys $\beta$ 2 on tubulin as the binding site of tubulyzine. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1169-1175.	1.4	12
286	Novel Orthogonal Synthesis of a Tagged Combinatorial Triazine Library via Grignard Reaction. <i>Australian Journal of Chemistry</i> , 2009, 62, 1000.	0.5	12
287	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. <i>Angewandte Chemie</i> , 2015, 127, 2472-2476.	1.6	12
288	Recent Advances in Glycomics and Glycogenetics. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 617-643.	1.0	12

#	ARTICLE	IF	CITATIONS
289	A divergent approach toward synthesis of myo-inositol phosphates: Acyl migrations and regioselectivity. <i>Pure and Applied Chemistry</i> , 1996, 68, 931-935.	0.9	11
290	Distinctive expression of Myf5 in relation to differentiation and plasticity of newt muscle cells. <i>International Journal of Developmental Biology</i> , 2004, 48, 285-291.	0.3	11
291	Inhibitory activity of a ceramide library on interleukin-4 production from activated T cells. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2589-2595.	1.4	11
292	Colorimetric Sensor Array for Qualitative Water Analysis. <i>Australian Journal of Chemistry</i> , 2009, 62, 1040.	0.5	11
293	Voices of chemical biology. <i>Nature Chemical Biology</i> , 2015, 11, 378-379.	3.9	11
294	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
295	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. <i>Chemical Communications</i> , 2018, 54, 11865-11868.	2.2	11
296	A fluorescent chemical probe CDy9 selectively stains and enables the isolation of live na <sup>+</sup> -ve mouse embryonic stem cells. <i>Biomaterials</i> , 2018, 180, 12-23.	5.7	11
297	Dedifferentiation? What's next?. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004, 4, 83-85.	3.4	11
298	Imaging metabolic syndrome. <i>EMBO Molecular Medicine</i> , 2010, 2, 196-210.	3.3	10
299	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
300	Neutrophil-selective Fluorescent Probe Development through Metabolism-oriented Live-cell Distinction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23743-23749.	7.2	10
301	Syntheses of myo-inositol-1,2,3,5- and -2,4,5,6-tetrakisphosphates, unusual inhibitors of myo-inositol-1,4,5-trisphosphate 3-kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 2715-2718.	1.0	9
302	Synthesis and cellular uptake properties of guanidine-containing molecular transporters built on the sucrose scaffold. <i>Molecular BioSystems</i> , 2009, 5, 822.	2.9	9
303	Development of Intravascular Contrast Agents for MRI Using Gadolinium Chelates. <i>ChemMedChem</i> , 2011, 6, 781-787.	1.6	9
304	The Development of Novel Near-Infrared (NIR) Tetraarylazadipyromethene Fluorescent Dyes. <i>Materials</i> , 2013, 6, 1779-1788.	1.3	9
305	ENOblock inhibits the pathology of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 493.	1.6	9
306	Development of a Universal Fluorescent Probe for Gram-positive Bacteria. <i>Angewandte Chemie</i> , 2019, 131, 8514-8519.	1.6	9

#	ARTICLE	IF	CITATIONS
307	Click and count: specific detection of acid ceramidase activity in live cells. <i>Chemical Science</i> , 2020, 11, 13044-13051.	3.7	9
308	Mitochondrial Affinity of Guanidine-rich Molecular Transporters Built on myo- and scyllo-Inositol Scaffolds: Stereochemistry Dependency. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3623-3631.	1.0	9
309	Syntheses of D-Myo-Inositol-1,2,6-Trisphosphate and -2,6-bisphosphate. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 385-390.	0.4	8
310	Machine vision-assisted analysis of structure-localization relationships in a combinatorial library of prospective bioimaging probes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 482-493.	1.1	8
311	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
312	The small molecule probe PT-Yellow labels the renal proximal tubules in zebrafish. <i>Chemical Communications</i> , 2015, 51, 395-398.	2.2	8
313	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
314	Blue-conversion of organic dyes produces artifacts in multicolor fluorescence imaging. <i>Chemical Science</i> , 2021, 12, 8660-8667.	3.7	8
315	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
316	Combinatorial synthesis of galactosyl-1,3,5-triazines as novel nucleoside analogues. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6924.	1.5	7
317	Fabrication of Blood Capillary Models for Live Imaging Microarray Analysis. <i>Micromachines</i> , 2020, 11, 727.	1.4	7
318	Forward Chemical Genetic Screening. <i>Methods in Molecular Biology</i> , 2014, 1062, 393-404.	0.4	7
319	Prediction of Intracellular Localization of Fluorescent Dyes Using QSAR Models. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2016, 19, 378-383.	0.6	7
320	Crystal structures of (±)-1,4-di-O-benzoyl-2,3-O-isopropylidene-myo-inositol and (±)-1,4-di-O-benzoyl-5,6-O-isopropylidene-myo-inositol: a conformational analysis. <i>Carbohydrate Research</i> , 1996, 295, 1-6.	1.1	6
321	Ab Initio Conformational Study of 1,2:4,5-Di-O-isopropylidene-myo-inositol. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10111-10115.	2.9	6
322	Myoseverin Is a Potential Angiogenesis Inhibitor by Inhibiting Endothelial Cell Function and Endothelial Progenitor Cell Differentiation. <i>DNA and Cell Biology</i> , 2006, 25, 514-522.	0.9	6
323	Inhibition of interleukin-4 production in activated T cells via the downregulation of AP-1/NF-AT activation by N-lauroyl-d-erythro-sphingosine and N-lauroyl-d-erythro-C20-sphingosine. <i>Biochemical Pharmacology</i> , 2006, 71, 1229-1239.	2.0	6
324	Fluorescent labeling of membrane proteins on the surface of living cells by a self-catalytic glutathione S-transferase omega 1 tag. <i>Molecular BioSystems</i> , 2011, 7, 1270.	2.9	6

#	ARTICLE	IF	CITATIONS
325	Combinatorial Solid-Phase Synthesis of 6-Aryl-1,3,5-triazines via Suzuki Coupling. Australian Journal of Chemistry, 2011, 64, 540.	0.5	6
326	Identification of Fluorescent Compounds with Non-Specific Binding Property via High Throughput Live Cell Microscopy. PLoS ONE, 2012, 7, e28802.	1.1	6
327	Investigating fluorescent dyes in fluorescence-assisted screenings. Chemical Communications, 2014, 50, 15220-15223.	2.2	6
328	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
329	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
330	A Diversity-Oriented Library of Fluorophore-Modified Receptors Constructed from a Chemical Library of Synthetic Fluorophores. ChemBioChem, 2017, 18, 2212-2216.	1.3	6
331	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
332	Site-selective labeling at Cys302 of aldehyde dehydrogenase unveils a selective mitochondrial stain. Molecular BioSystems, 2011, 7, 2375.	2.9	5
333	Development of a chalcone-triazine fusion library: combination of a fluorophore and biophore. Tetrahedron Letters, 2013, 54, 2976-2979.	0.7	5
334	Rootin, a compound that inhibits root development through modulating PIN-mediated auxin distribution. Plant Science, 2015, 233, 116-126.	1.7	5
335	Identification of Tumor Initiating Cells with a Small-Molecule Fluorescent Probe by Using Vimentin as a Biomarker. Angewandte Chemie, 2018, 130, 2901-2904.	1.6	5
336	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
337	A Systematic Study on the Relationship Between Viscosity Sensitivity and Temperature Dependency of BODIPY Rotors. Bulletin of the Korean Chemical Society, 2021, 42, 91-94.	1.0	5
338	Neuronal Migration on Silicon Microcone Arrays with Different Pitches. Advanced Healthcare Materials, 2021, 10, e2000583.	3.9	5
339	The screening of drug-induced nephrotoxicity using gold nanocluster-based ratiometric fluorescent probes. Nanoscale, 2021, 13, 13835-13844.	2.8	5
340	NeuO for Neuronal Labeling in Zebrafish. Tomography, 2015, 1, 30-36.	0.8	5
341	Multiplexing SERS nanotags for the imaging of differentiated mouse embryonic stem cells (mESC) and detection of teratoma in vivo. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 114-24.	1.0	5
342	Neuroprotective effects of ex vivo-expanded regulatory T cells on trimethyltin-induced neurodegeneration in mice. Journal of Neuroinflammation, 2022, 19, .	3.1	5

#	ARTICLE	IF	CITATIONS
343	Theoretical Studies of Regioselectivity of myo-Inositol Derivatives: Importance of Solvent Dielectric Constants. <i>Journal of Physical Chemistry A</i> , 1997, 101, 3776-3783.	1.1	4
344	PROSPECTING FOR LIVE CELL BIOIMAGING PROBES WITH CHEMINFORMATIC ASSISTED IMAGE ARRAY (CAIA). , 2007, , 1108-1111.		4
345	Understanding the Activity of Small Molecules in the Genomics Context. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3616-3618.	7.2	4
346	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
347	Effect of oncogene activating mutations and kinase inhibitors on amino acid metabolism of human isogenic breast cancer cells. <i>Molecular BioSystems</i> , 2015, 11, 3378-3386.	2.9	4
348	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
349	Efficient and wash-free labeling of membrane proteins using engineered <i>Npu</i> DnaE split-inteins. <i>Protein Science</i> , 2018, 27, 1568-1574.	3.1	4
350	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
351	Target Identification: A Challenging Step in Forward Chemical Genetics. <i>Interdisciplinary Bio Central</i> , 2011, 3, 3.1-3.16.	0.1	3
352	Sensors: Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection ( <i>Adv. Funct. Mater.</i> 2/2016). <i>Advanced Functional Materials</i> , 2016, 26, 311-311.	7.8	3
353	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
354	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
355	New Targets of Molecular Imaging in Atherosclerosis: Prehension of Current Status. <i>Analytical Sciences</i> , 2015, 31, 245-255.	0.8	2
356	The Vital Dye CDr10b Labels the Zebrafish Mid-Intestine and Lumen. <i>Molecules</i> , 2017, 22, 454.	1.7	2
357	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
358	Visualizing Microglia with a Fluorescence Turn-On Ugt1a7c Substrate. <i>Angewandte Chemie</i> , 2019, 131, 8056-8060.	1.6	2
359	Azide-based bioorthogonal chemistry: Reactions and its advances in cellular and biomolecular imaging. <i>Biophysics Reviews</i> , 2021, 2, .	1.0	2
360	ABCB1 can actively pump out the background-free tame fluorescent probe CO-1 from live cells. <i>Chemistry - an Asian Journal</i> , 2022, , .	1.7	2

#	ARTICLE	IF	CITATIONS
361	Small-molecule switch for zebrafish gene expression. <i>Nature Chemical Biology</i> , 2007, 3, 135-136.	3.9	1
362	Nuclear Envelope Budding Enables Large Ribonucleoprotein Particle Export during Synaptic Wnt Signaling. <i>Cell</i> , 2012, 151, 687-689.	13.5	1
363	Discovery of a chondroitin 4-sulphate fluorescent probe. <i>Supramolecular Chemistry</i> , 2013, 25, 41-45.	1.5	1
364	Quantitative Measurement of Caffeine by Optical Methods. , 2016, , 815-826.		1
365	Direct monitoring of live human pluripotent stem cells by a highly selective pluripotency sensor. <i>Biorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127347.	1.0	1
366	Application of Neuron-Selective Fluorescent Probe, NeuA, To Identify Mouse Retinal Degeneration. <i>ChemBioChem</i> , 2021, 22, 1915-1919.	1.3	1
367	Live isolation of naïve ESCs via distinct glucose metabolism and stored glycogen. <i>Metabolic Engineering</i> , 2022, 72, 97-106.	3.6	1
368	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
369	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
370	Recent Advances in Glycomics and Glycogenetics. <i>ChemInform</i> , 2003, 34, no.	0.1	0
371	Chemoinformatic Analysis of a Supertargeted Combinatorial Library of Styryl Molecules.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
372	Understanding the Effects of the Polymer Support on Reaction Rates and Kinetics: Knowledge Toward Efficient Synthetic Design. <i>ChemInform</i> , 2004, 35, no.	0.1	0
373	Molecular Evolution on chiro-Inositol Dibenzoate Using Intramolecular Acyl Migration and Selection by Phenyl Boronic Acid.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
374	The Combinatorial Synthesis of Purine, Pyrimidine and Triazine-Based Libraries. <i>ChemInform</i> , 2005, 36, no.	0.1	0
375	Eastern Staining: A Simple Recombinant Protein Detection Technology Using a Small Peptide Tag and Its Counter Partner Which is a Fluorescent Compound. <i>Interdisciplinary Bio Central</i> , 2012, 4, 5.1-5.9.	0.1	0
376	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
377	Detection of GHB by Optical Methods. , 2016, , 529-535.		0
378	Antibody-Based Therapeutics: Ultrasensitive NIR-SERS Probes with Multiplexed Ratiometric Quantification for In Vivo Antibody Leads Validation (Adv. Healthcare Mater. 4/2018). <i>Advanced Healthcare Materials</i> , 2018, 7, 1870019.	3.9	0



#	ARTICLE	IF	CITATIONS
379	Frontispiz: Visualizing Microglia with a Fluorescence Turn-On Ugt1a7c Substrate. Angewandte Chemie, 2019, 131, .	1.6	0
380	Frontispiece: Visualizing Microglia with a Fluorescence Turn-On Ugt1a7c Substrate. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
381	Fluidâ€“Matrix Interface Triggers a Heterogeneous Activation of Macrophages. ACS Applied Bio Materials, 2020, 3, 4294-4301.	2.3	0
382	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
383	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
384	Neutrophilâ€“Selective Fluorescent Probe Development through Metabolismâ€“Oriented Liveâ€“Cell Distinction. Angewandte Chemie, 2021, 133, 23936.	1.6	0
385	Diversity-Oriented Fluorescence Library Approach for Novel Sensor Development. , 2009, , 419-440.		0
386	Diversity Oriented Fluorescence Library Approach for Stem Cell Probe Development. , 2012, , 7-14.		0
387	Cell Specific Imaging Probe Development and Biomedical Applications. IFMBE Proceedings, 2015, , 211-214.	0.2	0
388	Abstract 1163: Phosphoserine aminotransferase 1 (PSAT1) as a novel anti-tumor target in hepatocellular carcinoma. , 2015, , .		0