Minyong Li

List of Publications by Year in descending order

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229 papers 6,059 citations

43 h-index 63 g-index

242 all docs 242 docs citations

times ranked

242

7565 citing authors

#	Article	IF	CITATIONS
1	Carbohydrate recognition by boronolectins, small molecules, and lectins. Medicinal Research Reviews, 2010, 30, 171-257.	5.0	262
2	Inhibitors and antagonists of bacterial quorum sensing. Medicinal Research Reviews, 2009, 29, 65-124.	5.0	201
3	Cage the firefly luciferin! – a strategy for developing bioluminescent probes. Chemical Society Reviews, 2013, 42, 662-676.	18.7	172
4	Inside-out Ca2+ signalling prompted by STIM1 conformational switch. Nature Communications, 2015, 6, 7826.	5.8	144
5	Selecting Aptamers for a Glycoprotein through the Incorporation of the Boronic Acid Moiety. Journal of the American Chemical Society, 2008, 130, 12636-12638.	6.6	126
6	How to Improve Docking Accuracy of AutoDock4.2: A Case Study Using Different Electrostatic Potentials. Journal of Chemical Information and Modeling, 2013, 53, 188-200.	2.5	97
7	Discovery and structural characterization of a small molecule 14-3-3 protein-protein interaction inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16212-16216.	3.3	93
8	Pyrogallol and its analogs can antagonize bacterial quorum sensing in Vibrio harveyi. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1567-1572.	1.0	92
9	Bioluminescent Probe for Hydrogen Peroxide Imaging in Vitro and in Vivo. Analytical Chemistry, 2014, 86, 9800-9806.	3.2	83
10	Bioluminescence Probe for Detecting Hydrogen Sulfide in Vivo. Analytical Chemistry, 2016, 88, 592-595.	3.2	83
11	Store-operated CRAC channel inhibitors: opportunities and challenges. Future Medicinal Chemistry, 2016, 8, 817-832.	1.1	82
12	1,2,3-Triazole Bound Au(I) (TA-Au) as Chemoselective Catalysts in Promoting Asymmetric Synthesis of Substituted Allenes. Organic Letters, 2011, 13, 2618-2621.	2.4	81
13	Expression and regulation of a novel identified TNFAIP8 family is associated with diabetic nephropathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 1078-1086.	1.8	76
14	<i>N</i> â€2â€Arylâ€1,2,3â€triazoles: A Novel Class of UV/Blueâ€Lightâ€Emitting Fluorophores with Tunable Opt Properties. Chemistry - A European Journal, 2011, 17, 5011-5018.	ical 1.7	75
15	Rational design of a fluorescent hydrogen peroxide probe based on the umbelliferone fluorophore. Tetrahedron Letters, 2008, 49, 3045-3048.	0.7	74
16	Intermolecular Homopropargyl Alcohol Addition to Alkyne and a Sequential 1,6-Enyne Cycloisomerization with Triazole-Gold Catalyst. Journal of the American Chemical Society, 2016, 138, 3994-3997.	6.6	74
17	Real-Time Bioluminescence Imaging of Nitroreductase in Mouse Model. Analytical Chemistry, 2016, 88, 5610-5614.	3.2	73
18	Quorum sensing inhibitors: a patent review . Expert Opinion on Therapeutic Patents, 2013, 23, 867-894.	2.4	71

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19	A comparison of different electrostatic potentials on prediction accuracy in CoMFA and CoMSIA studies. European Journal of Medicinal Chemistry, 2010, 45, 1544-1551.	2.6	65
20	A highly sensitive and rapidly responding fluorescent probe based on a rhodol fluorophore for imaging endogenous hypochlorite in living mice. Journal of Materials Chemistry B, 2018, 6, 725-731.	2.9	63
21	Structureâ€Based Discovery and Experimental Verification of Novel Alâ€2 Quorum Sensing Inhibitors against <i>Vibrio harveyi</i> . ChemMedChem, 2008, 3, 1242-1249.	1.6	62
22	Coumarin-based Fluorescent Probes for H2S Detection. Journal of Fluorescence, 2013, 23, 181-186.	1.3	62
23	Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. Nucleic Acids Research, 2007, 35, 1222-1229.	6.5	61
24	Design, synthesis and biological activity of thiazolidine-4-carboxylic acid derivatives as novel influenza neuraminidase inhibitors. Bioorganic and Medicinal Chemistry, 2011, 19, 2342-2348.	1.4	61
25	Lighting up bioluminescence with coelenterazine: strategies and applications. Photochemical and Photobiological Sciences, 2016, 15, 466-480.	1.6	61
26	A fluorescent hydrogen peroxide probe based on a †click†modified coumarin fluorophore. Tetrahedron Letters, 2010, 51, 1152-1154.	0.7	59
27	Synthesis, Evaluation, and Computational Studies of Naphthalimideâ€Based Longâ€Wavelength Fluorescent Boronic Acid Reporters. Chemistry - A European Journal, 2008, 14, 2795-2804.	1.7	58
28	Design, synthesis and preliminary activity assay of $1,2,3,4$ -tetrahydroisoquinoline-3-carboxylic acid derivatives as novel Histone deacetylases (HDACs) inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 1761-1772.	1.4	56
29	A novel structure-based virtual screening model for the hERG channel blockers. Biochemical and Biophysical Research Communications, 2007, 355, 889-894.	1.0	55
30	Biodegradable Polymer Nanoparticles for Photodynamic Therapy by Bioluminescence Resonance Energy Transfer. Biomacromolecules, 2018, 19, 201-208.	2.6	54
31	Cell and <i>in Vivo</i> Imaging of Fluoride Ion with Highly Selective Bioluminescent Probes. Analytical Chemistry, 2015, 87, 9110-9113.	3.2	53
32	Aptamer-Based Carbohydrate Recognition. Current Pharmaceutical Design, 2010, 16, 2269-2278.	0.9	52
33	The first low μM SecA inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 1617-1625.	1.4	51
34	The first ratiometric fluorescent probes for aminopeptidase N cell imaging. Organic and Biomolecular Chemistry, 2013, 11, 378-382.	1.5	51
35	cybLuc: An Effective Aminoluciferin Derivative for Deep Bioluminescence Imaging. Analytical Chemistry, 2017, 89, 4808-4816.	3.2	51
36	Toward Fluorescent Probes for G-Protein-Coupled Receptors (GPCRs). Journal of Medicinal Chemistry, 2014, 57, 8187-8203.	2.9	49

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37	Discovery of Bioluminogenic Probes for Aminopeptidase N Imaging. Analytical Chemistry, 2014, 86, 2747-2751.	3.2	49
38	Discovery of the first SecA inhibitors using structure-based virtual screening. Biochemical and Biophysical Research Communications, 2008, 368, 839-845.	1.0	48
39	Design strategy for photoinduced electron transfer-based small-molecule fluorescent probes of biomacromolecules. Analyst, The, 2014, 139, 2641-2649.	1.7	48
40	Synthesis and Evaluation of New Antagonists of Bacterial Quorum Sensing in <i>Vibrio harveyi</i> ChemMedChem, 2009, 4, 1457-1468.	1.6	47
41	The pharmacophore hypotheses of IKr potassium channel blockers: novel class III antiarrhythmic agents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4771-4777.	1.0	46
42	Homology modeling and examination of the effect of the D92E mutation on the H5N1 nonstructural protein NS1 effector domain. Journal of Molecular Modeling, 2007, 13, 1237-1244.	0.8	45
43	Identification of boronic acids as antagonists of bacterial quorum sensing in Vibrio harveyi. Biochemical and Biophysical Research Communications, 2008, 369, 590-594.	1.0	45
44	Synthesis and Characterization of Bis- $\langle i \rangle N \langle i \rangle$ -2-Aryl Triazole as a Fluorophore. Journal of Organic Chemistry, 2015, 80, 3664-3669.	1.7	45
45	Enhancing the Sensitivity of Pharmacophore-Based Virtual Screening by Incorporating Customized ZBG Features: A Case Study Using Histone Deacetylase 8. Journal of Chemical Information and Modeling, 2015, 55, 861-871.	2.5	40
46	Computational studies of H5N1 hemagglutinin binding with SA-α-2, 3-Gal and SA-α-2, 6-Gal. Biochemical and Biophysical Research Communications, 2006, 347, 662-668.	1.0	39
47	Design, Synthesis, and Structureâ [^] Activity Relationship, Molecular Modeling, and NMR Studies of a Series of Phenyl Alkyl Ketones as Highly Potent and Selective Phosphodiesterase-4 Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 7673-7688.	2.9	37
48	Potential Targets and Their Relevant Inhibitors in Anti-influenza Fields. Current Medicinal Chemistry, 2009, 16, 3716-3739.	1.2	37
49	A benzothiazole-based fluorescent probe for thiol bioimaging. Tetrahedron Letters, 2012, 53, 2332-2335.	0.7	37
50	Storeâ€Operated Calcium Entry Mediated byÂORAIÂand STIM. , 2018, 8, 981-1002.		37
51	Naphthalimide-based fluorescent off/on probes for the detection of thiols. Tetrahedron, 2012, 68, 5363-5367.	1.0	36
52	FFA4 receptor (GPR120): A hot target for the development of anti-diabetic therapies. European Journal of Pharmacology, 2015, 763, 160-168.	1.7	36
53	TET1â∈Mediated Oxidation of 5â∈Formylcytosine (5fC) to 5â∈Carboxycytosine (5caC) in RNA. ChemBioChem, 2017, 18, 72-76.	1.3	36
54	Chemical Validation of Phosphodiesterase C as a Chemotherapeutic Target in <i>Trypanosoma cruzi</i> , the Etiological Agent of Chagas' Disease. Antimicrobial Agents and Chemotherapy, 2010, 54, 3738-3745.	1.4	35

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55	Optical Control of CRAC Channels Using Photoswitchable Azopyrazoles. Journal of the American Chemical Society, 2020, 142, 9460-9470.	6.6	35
56	Pharmacophore identification of $\hat{l}\pm 1$ A-adrenoceptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 657-664.	1.0	34
57	Fluorescein Analogues Inhibit SecA ATPase: The First Subâ€micromolar Inhibitor of Bacterial Protein Translocation. ChemMedChem, 2012, 7, 571-577.	1.6	34
58	First small-molecule PROTACs for G protein-coupled receptors: inducing 1A-adrenergic receptor degradation. Acta Pharmaceutica Sinica B, 2020, 10, 1669-1679.	5.7	33
59	Computerâ€Based De Novo Design, Synthesis, and Evaluation of Boronic Acidâ€Based Artificial Receptors for Selective Recognition of Dopamine. ChemBioChem, 2008, 9, 1431-1438.	1.3	32
60	Identification of the first fluorescent α-amidoboronic acids that change fluorescent properties upon sugar binding. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1596-1599.	1.0	32
61	Global anti-synchronization of master–slave chaotic modified Chua's circuits coupled by linear feedback control. Mathematical and Computer Modelling, 2010, 52, 567-573.	2.0	32
62	Recent Progresses on Al-2 Bacterial Quorum Sensing Inhibitors. Current Medicinal Chemistry, 2012, 19, 174-186.	1.2	32
63	Facile synthesis of fluorescent active triazapentalenes through gold-catalyzed triazole–alkyne cyclization. Chemical Communications, 2014, 50, 7303-7305.	2.2	32
64	The effect of different electrostatic potentials on docking accuracy: A case study using DOCK5.4. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3509-3512.	1.0	31
65	A novel pH "off–on―fluorescent probe for lysosome imaging. RSC Advances, 2013, 3, 13412.	1.7	31
66	Environment-Sensitive Fluorescent Probe for the Human Ether-a-go-go-Related Gene Potassium Channel. Analytical Chemistry, 2016, 88, 1511-1515.	3.2	31
67	A unique quinolineboronic acid-based supramolecular structure that relies on double intermolecular B–N bonds for self-assembly in solid state and in solution. Tetrahedron, 2007, 63, 3287-3292.	1.0	30
68	Carbohydrate biomarkers for future disease detection and treatment. Science China Chemistry, 2010, 53, 3-20.	4.2	30
69	Synthesis and carbohydrate binding studies of fluorescent \hat{l}_{\pm} -amidoboronic acids and the corresponding bisboronic acids. Bioorganic and Medicinal Chemistry, 2010, 18, 1449-1455.	1.4	30
70	How to Generate Reliable and Predictive CoMFA Models. Current Medicinal Chemistry, 2011, 18, 923-930.	1.2	30
71	Quantitative kinetic investigation of triazole–gold(i) complex catalyzed [3,3]-rearrangement of propargyl ester. Chemical Communications, 2014, 50, 2158-2160.	2.2	30
72	Molecular mechanism of <scp>ERK</scp> dephosphorylation by striatalâ€enriched protein tyrosine phosphatase. Journal of Neurochemistry, 2014, 128, 315-329.	2.1	29

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73	Pharmacophore-based design, synthesis, biological evaluation, and 3D-QSAR studies of aryl-piperazines as $\hat{l}\pm 1$ -adrenoceptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3216-3219.	1.0	28
74	A novel hydrazino-substituted naphthalimide-based fluorogenic probe for tert-butoxy radicals. Chemical Communications, 2013, 49, 6295.	2.2	28
75	Discovery of the First Environment-Sensitive Near-Infrared (NIR) Fluorogenic Ligand for α ₁ -Adrenergic Receptors Imaging in Vivo. Journal of Medicinal Chemistry, 2016, 59, 2151-2162.	2.9	28
76	<i>In Vivo</i> Bioluminescence Imaging of Cobalt Accumulation in a Mouse Model. Analytical Chemistry, 2018, 90, 4946-4950.	3.2	28
77	Small molecule inhibitors of histone acetyltransferase Tip60. Bioorganic Chemistry, 2011, 39, 53-58.	2.0	27
78	A new boronic acid based fluorescent reporter for catechol. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7179-7182.	1.0	27
79	Bioluminescent Probe for Tumor Hypoxia Detection via CYP450 Reductase in Living Animals. Analytical Chemistry, 2017, 89, 12488-12493.	3.2	27
80	Bioluminescent probe for detecting endogenous hypochlorite in living mice. Organic and Biomolecular Chemistry, 2018, 16, 645-651.	1.5	27
81	Bioluminescence Imaging of Selenocysteine in Vivo with a Highly Sensitive Probe. ACS Sensors, 2019, 4, 3147-3155.	4.0	27
82	Pharmacophore hybridisation and nanoscale assembly to discover self-delivering lysosomotropic new-chemical entities for cancer therapy. Nature Communications, 2020, 11, 4615.	5.8	27
83	Computational studies of the binding site of $\hat{l}\pm 1$ A-adrenoceptor antagonists. Journal of Molecular Modeling, 2008, 14, 957-966.	0.8	26
84	The first ratiometric fluorescent probe for aminopeptidase N. Analytical Methods, 2012, 4, 2661.	1.3	26
85	Metalâ€dependent protein phosphataseÂ1A functions as an extracellular signalâ€regulated kinase phosphatase. FEBS Journal, 2013, 280, 2700-2711.	2.2	26
86	Strategies in the Design of Smallâ€Molecule Fluorescent Probes for Peptidases. Medicinal Research Reviews, 2014, 34, 1217-1241.	5.0	26
87	Polarity-based fluorescence probes: properties and applications. RSC Medicinal Chemistry, 2021, 12, 1826-1838.	1.7	26
88	Synthesis and characterization of N-2-aryl-1,2,3-triazole based iridium complexes as photocatalysts with tunable photoredox potential. Organic Chemistry Frontiers, 2015, 2, 141-144.	2.3	25
89	Bioluminescent Probe for Detecting Mercury(II) in Living Mice. Analytical Chemistry, 2016, 88, 7462-7465.	3.2	25
90	Discovery of Small-Molecule Inhibitors of the HSP90-Calcineurin-NFAT Pathway against Glioblastoma. Cell Chemical Biology, 2019, 26, 352-365.e7.	2.5	25

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91	Inhibition of Quorum Sensing in <i>Vibrio harveyi</i> by Boronic Acids. Chemical Biology and Drug Design, 2009, 74, 51-56.	1.5	24
92	Novel AI-2 quorum sensing inhibitors in Vibrio harveyi identified through structure-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6413-6417.	1.0	24
93	Optogenetic Control of Voltageâ€Gated Calcium Channels. Angewandte Chemie - International Edition, 2018, 57, 7019-7022.	7.2	24
94	Fluoride protects boronic acids in the copper(i)-mediated click reaction. Chemical Communications, 2009, , 5251.	2.2	23
95	Fluorogenic Probe for the Human Ether-a-Go-Go-Related Gene Potassium Channel Imaging. Analytical Chemistry, 2015, 87, 2550-2554.	3.2	23
96	Discovery of Quinazoline-Based Fluorescent Probes to α ₁ -Adrenergic Receptors. ACS Medicinal Chemistry Letters, 2015, 6, 502-506.	1.3	23
97	Design, synthesis and preliminary biological evaluation of indole-3-carboxylic acid-based skeleton of Bcl-2/Mcl-1 dual inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 1939-1948.	1.4	23
98	Characterization of binding site of closed-state KCNQ1 potassium channel by homology modeling, molecular docking, and pharmacophore identification. Biochemical and Biophysical Research Communications, 2005, 332, 677-687.	1.0	22
99	Modeling the binding modes of Kv1.5 potassium channel and blockers. Journal of Molecular Graphics and Modelling, 2008, 27, 178-187.	1.3	22
100	Advances and Perspectives in Cell-Specific Aptamers. Current Pharmaceutical Design, 2011, 17, 80-91.	0.9	21
101	Bioluminescent Probe for Monitoring Endogenous Fibroblast Activation Protein-Alpha. Analytical Chemistry, 2019, 91, 14873-14878.	3.2	21
102	Development of photocontrolled BRD4 PROTACs for tongue squamous cell carcinoma (TSCC). European Journal of Medicinal Chemistry, 2021, 222, 113608.	2.6	21
103	Self-organizing molecular field analysis on $\hat{l}\pm 1$ a-adrenoceptor dihydropyridine antagonists. Bioorganic and Medicinal Chemistry, 2003, 11, 3945-3951.	1.4	20
104	Alkaloids and Flavonoids as & Damp;#945;1-Adrenergic Receptor Antagonists. Current Medicinal Chemistry, 2011, 18, 4923-4932.	1.2	19
105	Discovery of a novel histone deacetylase 8 inhibitor by virtual screening. Medicinal Chemistry Research, 2012, 21, 152-156.	1.1	19
106	Engineered Split-TET2 Enzyme for Inducible Epigenetic Remodeling. Journal of the American Chemical Society, 2017, 139, 4659-4662.	6.6	19
107	The Interactions Between hERG Potassium Channel and Blockers. Current Topics in Medicinal Chemistry, 2009, 9, 330-338.	1.0	18
108	The Medicinal Potential of Influenza Virus Surface Proteins: Hemagglutinin and Neuraminidase. Current Medicinal Chemistry, 2011, 18, 1050-1066.	1.2	18

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109	Luminescence of coelenterazine derivatives with C-8 extended electronic conjugation. Chinese Chemical Letters, 2016, 27, 550-554.	4.8	18
110	A novel coelenterate luciferin-based luminescent probe for selective and sensitive detection of thiophenols. Organic and Biomolecular Chemistry, 2016, 14, 10267-10274.	1.5	18
111	In vivo bioluminescence imaging of labile iron pools in a murine model of sepsis with a highly selective probe. Talanta, 2019, 203, 29-33.	2.9	18
112	New bioluminescent coelenterazine derivatives with various C-6 substitutions. Organic and Biomolecular Chemistry, 2017, 15, 7008-7018.	1.5	17
113	Zebrafish neuro-behavioral profiles altered by acesulfame (ACE) within the range of "no observed effect concentrations (NOECs)― Chemosphere, 2020, 243, 125431.	4.2	17
114	Bioluminescence probe for \hat{l}^3 -glutamyl transpeptidase detection in vivo. Bioorganic and Medicinal Chemistry, 2018, 26, 134-140.	1.4	17
115	Rational Design, Synthesis, Biologic Evaluation, and Structure–activity Relationship Studies of Novel 1-Indanone α1-Adrenoceptor Antagonists. Chemical Biology and Drug Design, 2007, 70, 461-464.	1.5	16
116	A coelenterazine-type bioluminescent probe for nitroreductase imaging. Organic and Biomolecular Chemistry, 2018, 16, 146-151.	1.5	16
117	A Fluorescent Probe for Imaging p53– <scp>MDM</scp> 2 Protein–Protein Interaction. Chemical Biology and Drug Design, 2015, 85, 411-417.	1.5	15
118	Synthesis and biological evaluation of a series of aryl triazoles as firefly luciferase inhibitors. MedChemComm, 2015, 6, 418-424.	3.5	15
119	Inhibiting Firefly Bioluminescence by Chalcones. Analytical Chemistry, 2017, 89, 6099-6105.	3.2	15
120	Discovery of a Turn-On Fluorescent Probe for Myeloid Cell Leukemia-1 Protein. Analytical Chemistry, 2017, 89, 11173-11177.	3.2	15
121	Visualization of mercury(<scp>ii</scp>) accumulation <i>in vivo</i> using bioluminescence imaging with a highly selective probe. Organic and Biomolecular Chemistry, 2018, 16, 2388-2392.	1.5	15
122	Bioluminescent Probe for Detection of Starvation-Induced Pantetheinase Upregulation. Analytical Chemistry, 2018, 90, 9545-9550.	3.2	15
123	A new phenothiazine structural scaffold as inhibitors of bacterial quorum sensing in Vibrio harveyi. Biochemical and Biophysical Research Communications, 2009, 382, 153-156.	1.0	14
124	3D-QSAR Study on a Series of Bcl-2 Protein Inhibitors Using Comparative Molecular Field Analysis. Protein and Peptide Letters, 2011, 18, 440-449.	0.4	14
125	Discovery of Turn-On Fluorescent Probes for Detecting Bcl-2 Protein. Analytical Chemistry, 2019, 91, 5722-5728.	3.2	14
126	Constructing firefly luciferin bioluminescence probes for <i>in vivo</i> imaging. Organic and Biomolecular Chemistry, 2022, 20, 1360-1372.	1.5	14

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127	Strategies for atrial fibrillation therapy: focusing on <i>I</i> _{Kur} potassium channel. Expert Opinion on Therapeutic Patents, 2007, 17, 1443-1456.	2.4	13
128	Prolonged bioluminescence imaging in living cells and mice using novel pro-substrates for <i>Renilla</i> luciferase. Organic and Biomolecular Chemistry, 2017, 15, 10238-10244.	1.5	13
129	Modeling the excitation wavelengths (λex) of boronic acids. Journal of Molecular Modeling, 2008, 14, 441-449.	0.8	12
130	Pharmacophore Mapping for Kv1.5 Potassium Channel Blockers. QSAR and Combinatorial Science, 2009, 28, 59-71.	1.5	12
131	Modeling the Interactions Between & amp; #945; 1-Adrenergic Receptors and Their Antagonists. Current Computer-Aided Drug Design, 2010, 6, 165-178.	0.8	12
132	Novel antileukemic agents derived from tamibarotene and nitric oxide donors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7025-7029.	1.0	12
133	A bestatin-based fluorescent probe for aminopeptidase N cell imaging. Chinese Chemical Letters, 2015, 26, 513-516.	4.8	12
134	A novel NBD-based pH "on–off―fluorescent probe equipped with the N-phenylpiperazine group for lysosome imaging. RSC Advances, 2016, 6, 102773-102777.	1.7	12
135	Discovery of Environment-Sensitive Fluorescent Agonists for \hat{l}_{\pm} sub>-Adrenergic Receptors. Analytical Chemistry, 2019, 91, 12173-12180.	3.2	12
136	Biological applications of a turn-on bioluminescent probe for monitoring sulfite oxidase deficiency inÂvivo. European Journal of Medicinal Chemistry, 2020, 200, 112476.	2.6	12
137	Diagnostic Techniques for COVID-19: A Mini-review of Early Diagnostic Methods. Journal of Analysis and Testing, 2021, 5, 314-326.	2.5	12
138	A Bioluminescent Probe for Detecting Norepinephrine <i>in Vivo</i> . Analytical Chemistry, 2022, 94, 6441-6445.	3.2	12
139	Molecular hybridization, synthesis, and biological evaluation of novel chroman IKr and IKs dual blockers. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1477-1480.	1.0	11
140	Novel aminopeptidase N (APN/CD13) inhibitors derived from 3-phenylalanyl-N′-substituted-2,6-piperidinedione. Bioorganic and Medicinal Chemistry, 2010, 18, 5981-5987.	1.4	11
141	Homology modeling, molecular dynamic simulation and docking studies of cyclin dependent kinase 1. Journal of Molecular Modeling, 2011, 17, 219-226.	0.8	11
142	Novel bioluminescent coelenterazine derivatives with imidazopyrazinone C-6 extended substitution for Renilla luciferase. Organic and Biomolecular Chemistry, 2016, 14, 5272-5281.	1.5	11
143	Astemizole Derivatives as Fluorescent Probes for hERG Potassium Channel Imaging. ACS Medicinal Chemistry Letters, 2016, 7, 245-249.	1.3	11
144	Discovery of the First Environment-Sensitive Fluorescent Probe for GPR120 (FFA4) Imaging. ACS Medicinal Chemistry Letters, 2017, 8, 428-432.	1.3	11

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145	A specific and selective chemiluminescent probe for Pd2+ detection. Chinese Chemical Letters, 2019, 30, 63-66.	4.8	11
146	Heterocyclic N-Oxides as Small-Molecule Fluorogenic Scaffolds: Rational Design and Applications of Their "On–Off―Fluorescence. Analytical Chemistry, 2020, 92, 12282-12289.	3.2	11
147	The first pharmacophore model for potent NF-κB inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5665-5669.	1.0	10
148	Update on the Slow Delayed Rectifier Potassium Current (IKs): Role in Modulating Cardiac Function. Current Medicinal Chemistry, 2012, 19, 1405-1420.	1.2	10
149	Discovery of Fluorescence Polarization Probe for the ELISA-Based Antagonist Screening of α ₁ -Adrenergic Receptors. ACS Medicinal Chemistry Letters, 2016, 7, 967-971.	1.3	10
150	Environment-sensitive turn-on fluorescent probes for p53â€"MDM2 proteinâ€"protein interaction. MedChemComm, 2017, 8, 1668-1672.	3.5	10
151	A bioluminescent strategy for imaging palladium in living cells and animals with chemoselective probes based on luciferin-luciferase system. Talanta, 2019, 194, 925-929.	2.9	10
152	Bacteria-Based Live Vehicle for <i>In Vivo</i> Bioluminescence Imaging. Analytical Chemistry, 2021, 93, 15687-15695.	3.2	10
153	Photophosphatidylserine Guides Natural Killer Cell Photoimmunotherapy <i>via</i> Tim-3. Journal of the American Chemical Society, 2022, 144, 3863-3874.	6.6	10
154	A pHâ€Driven Smallâ€Molecule Nanotransformer Hijacks Lysosomes and Overcomes Autophagyâ€Induced Resistance in Cancer. Angewandte Chemie - International Edition, 2022, 61, .	7.2	10
155	Quenching the firefly bioluminescence by various ions. Photochemical and Photobiological Sciences, 2016, 15, 244-249.	1.6	9
156	Novel furimazine derivatives for nanoluciferase bioluminescence with various C-6 and C-8 substituents. Organic and Biomolecular Chemistry, 2021, 19, 7930-7936.	1.5	9
157	Structureâ€Based Virtual Screening and Electrophysiological Evaluation of New Chemotypes of K _v 1.5 Channel Blockers. ChemMedChem, 2010, 5, 1353-1358.	1.6	8
158	LYP3, a New Bestatin Derivative for Aminopeptidase N Inhibition. Medicinal Chemistry, 2011, 7, 32-36.	0.7	8
159	Boronate Can Be the Fluorogenic Switch for the Detection of Hydrogen Peroxide. Current Medicinal Chemistry, 2012, 19, 3622-3634.	1.2	8
160	Bifunctional fluorescent probes for hydrogen peroxide and diols based on a 1,8-naphthalimide fluorophore. Science China Chemistry, 2013, 56, 1440-1445.	4.2	8
161	Fluorescence triggered by ligand-protein hydrophobic interaction. Science China Chemistry, 2013, 56, 1667-1670.	4.2	8
162	Discovery of Small-Molecule Sulfonamide Fluorescent Probes for GPR120. Analytical Chemistry, 2019, 91, 15235-15239.	3.2	8

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163	Discovery of Nonpeptide, Environmentally Sensitive Fluorescent Probes for Imaging p53-MDM2 Interactions in Living Cell Lines and Tissue Slice. Analytical Chemistry, 2020, 92, 2642-2648.	3.2	8
164	Bioluminescence imaging of exogenous & amp; endogenous cysteine in vivo with a highly selective probe. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126968.	1.0	8
165	A unique quinolineboronic acid-based supramolecular structure that relies on double intermolecular B-N bonds for self-assembly in solid state and in solution. Tetrahedron, 2007, 63, 3287-3292.	1.0	8
166	Pharmacophore-guided design, synthesis and evaluation of quinazoline-arylpiperazines as new $\hat{l}\pm 1$ -adrenoceptor antagonists. Chinese Chemical Letters, 2007, 18, 41-44.	4.8	7
167	Design of OFF/ON fluorescent thiol probes based on coumarin fluorophore. Science China Chemistry, 2012, 55, 1776-1780.	4.2	7
168	Discovery of a series of 2-phenylnaphthalenes as firefly luciferase inhibitors. RSC Advances, 2015, 5, 63450-63457.	1.7	7
169	Identification of AI-2 Quorum Sensing Inhibitors in Vibrio harveyi Through Structure-Based Virtual Screening. Methods in Molecular Biology, 2018, 1673, 353-362.	0.4	7
170	Bioluminescent Properties of Semi-Synthetic Obelin and Aequorin Activated by Coelenterazine Analogues with Modifications of C-2, C-6, and C-8 Substituents. International Journal of Molecular Sciences, 2020, 21, 5446.	1.8	7
171	Novel NanoLuc-type substrates with various C-6 substitutions. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127085.	1.0	7
172	Revisiting the homology modeling of G-protein coupled receptors: \hat{l}^21 -adrenoceptor as an example. Molecular BioSystems, 2012, 8, 1686.	2.9	6
173	Discovery of naphthalimide conjugates as fluorescent probes for $\hat{l}\pm 1$ -adrenoceptors. Chinese Chemical Letters, 2016, 27, 185-189.	4.8	6
174	Novel photoactivatable substrates for <i>Renilla</i> luciferase imaging <i>in vitro</i> and <i>in vivo</i> . Organic and Biomolecular Chemistry, 2018, 16, 4789-4792.	1.5	6
175	Discovery of Turn-On Fluorescent Probes for Detecting PDEδ Protein in Living Cells and Tumor Slices. Analytical Chemistry, 2020, 92, 9516-9522.	3.2	6
176	Environment-sensitive fluorescent inhibitors of histone deacetylase. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127128.	1.0	6
177	A bioluminescent probe for in vivo imaging of pyroglutamate aminopeptidase in a mouse model of inflammation. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128049.	1.0	6
178	Bright chemiluminescent dioxetane probes for the detection of gaseous transmitter H2S. Bioorganic and Medicinal Chemistry Letters, 2021, 46, 128148.	1.0	6
179	Discovery of small-molecule fluorescent probes for C-Met. European Journal of Medicinal Chemistry, 2022, 230, 114114.	2.6	6
180	Identification of anthelmintic parbendazole as a therapeutic molecule for HNSCC through connectivity map-based drug repositioning. Acta Pharmaceutica Sinica B, 2022, 12, 2429-2442.	5.7	6

#	Article	IF	Citations
181	In silico binding characteristics between human histamine H1 receptor and antagonists. Journal of Molecular Modeling, 2010, 16, 1529-1537.	0.8	5
182	Design, synthesis and biological evaluation of naphthalimidebased fluorescent probes for $\hat{l}\pm 1$ -adrenergic receptors. Drug Discoveries and Therapeutics, 2014, 8, 11-17.	0.6	5
183	A fast and simple approach to the quantitative evaluation of fibrinogen coagulation. Biotechnology Letters, 2014, 36, 337-340.	1.1	5
184	BioLeT: A new design strategy for functional bioluminogenic probes. Chinese Chemical Letters, 2015, 26, 919-921.	4.8	5
185	Visualization of $\hat{l}\pm 1$ -adrenergic receptors with phenylpiperazine-based fluorescent probes. Science China Chemistry, 2016, 59, 624-628.	4.2	5
186	Aminoluciferin 4-hydroxyphenyl amide enables bioluminescence detection of endogenous tyrosinase. Organic and Biomolecular Chemistry, 2018, 16, 9197-9203.	1.5	5
187	Astemizole-based turn-on fluorescent probes for imaging hERG potassium channel. MedChemComm, 2019, 10, 513-516.	3.5	5
188	Phenotyping Aquatic Neurotoxicity Induced by the Artificial Sweetener Saccharin at Sublethal Concentration Levels. Journal of Agricultural and Food Chemistry, 2021, 69, 2041-2050.	2.4	5
189	QSAR studies of aminopeptidase N/CD13 (APN) inhibitors with the scaffold 3-phenylpropane-1,2-diamine and molecular docking. Medicinal Chemistry Research, 2012, 21, 1000-1015.	1.1	4
190	Lighting up GPCRs with a Fluorescent Multiprobe Dubbed "Snifit― ChemBioChem, 2013, 14, 184-186.	1.3	4
191	Design, synthesis and biological evaluation of 4-chromanone derivatives as IKr inhibitors. Drug Discoveries and Therapeutics, 2014, 8, 76-83.	0.6	4
192	SecAAA trimer is fully functional as SecAA dimer in the membrane: Existence of higher oligomers?. Biochemical and Biophysical Research Communications, 2014, 447, 250-254.	1.0	4
193	Novel intramolecular photoinduced electron transfer-based probe for the Human Ether-a-go-go-Related Gene (hERG) potassium channel. Analyst, The, 2015, 140, 8101-8108.	1.7	4
194	Photoinduced Electron Transfer-Based Fluorescent Agonists for $\hat{l}\pm 1$ -Adrenergic Receptors Imaging. Analytical Chemistry, 2021, 93, 6034-6042.	3.2	4
195	Multiple rapid-responsive probes for hypochlorite detection based on dioxetane luminophore derivatives. Journal of Pharmaceutical Analysis, 2022, 12, 446-452.	2.4	4
196	Discovery of Environment-Sensitive Fluorescent Ligands of \hat{l}^2 -Adrenergic Receptors for Cell Imaging and NanoBRET Assay. Analytical Chemistry, 2022, 94, 7021-7028.	3.2	4
197	Design, Synthesis and Preliminary Activity Evaluation of Novel L-Lysine Derivatives as Aminopeptidase N/CD13 Inhibitors. Protein and Peptide Letters, 2010, 17, 847-853.	0.4	3
198	Synthesis and activity evaluation of a new bestatin derivative LYP2 as an aminopeptidase N inhibitor. Anti-Cancer Drugs, 2011, 22, 99-103.	0.7	3

#	Article	IF	Citations
199	Discovering the Binding Modes of Natural Products with Histone Deacetylase 1. Medicinal Chemistry, 2013, 9, 126-132.	0.7	3
200	Discovery of New Substrates for <i><scp>L</scp>ux<scp>AB</scp></i> Bacterial Bioluminescence. Chemical Biology and Drug Design, 2016, 88, 197-208.	1.5	3
201	Improved antiproliferative activities of a new series of 1,3,4-thiadiazole derivatives against human leukemia and breast cancer cell lines. Chemical Research in Chinese Universities, 2016, 32, 768-774.	1.3	3
202	Optical probes, theranostics and optogenetics shed light on zebrafish (Danio rerio). Analytical Methods, 2018, 10, 818-831.	1.3	3
203	Drug Discoveries Towards Kv1.5 Potassium Channel. Current Topics in Medicinal Chemistry, 2009, 9, 339-347.	1.0	3
204	Fluorescent Ligand-Based Discovery of Small-Molecule Sulfonamide Agonists for GPR120. Frontiers in Chemistry, 2022, 10, 816014.	1.8	3
205	Au-24 as a potential thioredoxin reductase inhibitor in hepatocellular carcinoma cells. Pharmacological Research, 2022, 177, 106113.	3.1	3
206	Discovery of a pair of diastereomers as potent HDACs inhibitors: determination of absolute configuration, biological activity comparison and computational study. RSC Advances, 2013, 3, 21106.	1.7	2
207	Novel caged luciferin derivatives can prolong bioluminescence imaging in vitro and in vivo. RSC Advances, 2018, 8, 19596-19599.	1.7	2
208	Recent advances in the boric acid/boronate-based fluorescent probes for detection of hydrogen peroxide. Scientia Sinica Chimica, 2012, 42, 1683-1693.	0.2	2
209	Zebrafish Behavioral Phenomics Links Artificial Sweetener Aspartame to Behavioral Toxicity and Neurotransmitter Homeostasis. Journal of Agricultural and Food Chemistry, 2021, 69, 15393-15402.	2.4	2
210	Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. Nucleic Acids Research, 2007, 35, 5274-5274.	6.5	1
211	The first inhibitor-based fluorescent imaging probe for aminopeptidase N. Drug Discoveries and Therapeutics, 2013, , .	0.6	1
212	Bioluminogenic Imaging of AminopeptidaseN In Vitro and In Vivo. Methods in Molecular Biology, 2016, 1461, 91-99.	0.4	1
213	InnenrÃ⅓cktitelbild: Optogenetic Control of Voltageâ€Gated Calcium Channels (Angew. Chem. 24/2018). Angewandte Chemie, 2018, 130, 7375-7375.	1.6	1
214	Aggregation-Induced Emission: Lighting Up hERG Potassium Channel. Frontiers in Chemistry, 2019, 7, 54.	1.8	1
215	Alignment-independent QSAR Analysis of SecA Inhibitors. Protein and Peptide Letters, 2013, 20, 802-807.	0.4	1
216	Discovery of alkene-conjugated luciferins for redshifted and improved bioluminescence imaging <i>in vitro</i> and <i>in vivo</i> . Organic and Biomolecular Chemistry, 2022, 20, 4224-4230.	1.5	1

#	Article	IF	Citations
217	Design, synthesis and biological evaluation of new parbendazole derivatives for the treatment of HNSCC. European Journal of Medicinal Chemistry, 2022, 238, 114450.	2.6	1
218	CONVENIENT AND RAPID PREPARATION OF INDENE DIMERS FROM INDENES OR INDANOLS. Organic Preparations and Procedures International, 2006, 38, 490-494.	0.6	0
219	Corrigendum to "A unique quinolineboronic acid-based supramolecular structure that relies on double intermolecular B–N bonds for self-assembly in solid state and in solutionâ€. Tetrahedron, 2007, 63, 9256.	1.0	0
220	Editorial [Hot Topic: The Medicinal Chemistry of Ion Channels and Their Relevance in Drug Discovery (Guest Editor: Minyong Li)]. Current Topics in Medicinal Chemistry, 2009, 9, 321-321.	1.0	0
221	Design and Synthesis of New Heterocyclic Bcr-Abl Inhibitors. Heterocyclic Communications, 2010, 16, .	0.6	0
222	Density functional theory based quantitative structure-property relationship studies on coumarin-based prodrugs. BioScience Trends, 2012, 6, 234-240.	1.1	0
223	Inside Back Cover: Fluorescein Analogues Inhibit SecA ATPase: The First Subâ€micromolar Inhibitor of Bacterial Protein Translocation (ChemMedChem 4/2012). ChemMedChem, 2012, 7, 744-744.	1.6	0
224	Optogenetic Control of Voltageâ€Gated Calcium Channels. Angewandte Chemie, 2018, 130, 7137-7140.	1.6	0
225	Application of Point Cloud Data in the Construction and Management of Interior Design. IOP Conference Series: Earth and Environmental Science, 2018, 192, 012070.	0.2	0
226	Discovery of the Environment-Sensitive Near-Infrared (NIR) Fluorogenic Ligand for $\hat{l}\pm 1$ -Adrenergic Receptors Imaging In Vivo. Methods in Molecular Biology, 2021, 2274, 181-192.	0.4	0
227	Discovering the Binding Modes of Natural Products with Histone Deacetylase 1. Medicinal Chemistry, 2012, 9, 126-132.	0.7	0
228	Application of a cybLuc Aminoluciferin for Deep Tissue Bioluminescence Imaging in Rodent Models. Methods in Molecular Biology, 2020, 2081, 219-228.	0.4	0
229	Visualization-Based Discovery of Vanin-1 Inhibitors for Colitis. Frontiers in Chemistry, 2021, 9, 809495.	1.8	0