Minyong Li

List of Publications by Year in Descending Order

216 papers	4,877 citations	39 h-index	58 g-index
242 ext. papers	5,532 ext. citations	5.6 avg, IF	5.61 L-index

#	Paper	IF	Citations
216	Fluorescent Ligand-Based Discovery of Small-Molecule Sulfonamide Agonists for GPR120.. *Frontiers in Chemistry*, **2022**, 10, 816014	5	
215	Discovery of small-molecule fluorescent probes for C-Met.. *European Journal of Medicinal Chemistry* , **2022**, 230, 114114	6.8	
214	Au-24 as a Potential Thioredoxin Reductase Inhibitor in Hepatocellular Carcinoma Cells.. *Pharmacological Research*, **2022**, 177, 106113	10.2	0
213	Design, synthesis and biological evaluation of new parbendazole derivatives for the treatment of HNSCC.. *European Journal of Medicinal Chemistry*, **2022**, 238, 114450	6.8	
212	Synthetic Coelenterazine Derivatives and Their Application for Bioluminescence Imaging. *Methods in Molecular Biology*, **2022**, 17-36	1.4	
211	Visualization-Based Discovery of Vanin-1 Inhibitors for Colitis.. *Frontiers in Chemistry*, **2021**, 9, 809495	5	
210	Bacteria-Based Live Vehicle for Bioluminescence Imaging. *Analytical Chemistry*, **2021**, 93, 15687-15695	7.8	2
209	Diagnostic Techniques for COVID-19: A Mini-review of Early Diagnostic Methods. *Journal of Analysis and Testing*, **2021**, 5, 1-13	3.2	4
208	Multiple rapid-responsive probes towards hypochlorite detection based on dioxetane luminophore derivatives. *Journal of Pharmaceutical Analysis*, **2021**,	14	1
207	Photoinduced Electron Transfer-Based Fluorescent Agonists for □Adrenergic Receptors Imaging. *Analytical Chemistry*, **2021**, 93, 6034-6042	7.8	0
206	Discovery of the Environment-Sensitive Near-Infrared (NIR) Fluorogenic Ligand for □Adrenergic Receptors Imaging In Vivo. *Methods in Molecular Biology*, **2021**, 2274, 181-192	1.4	
205	Novel furimazine derivatives for nanoluciferase bioluminescence with various C-6 and C-8 substituents. *Organic and Biomolecular Chemistry*, **2021**, 19, 7930-7936	3.9	0
204	Phenotyping Aquatic Neurotoxicity Induced by the Artificial Sweetener Saccharin at Sublethal Concentration Levels. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 2041-2050	5.7	0
203	A bioluminescent probe for in vivo imaging of pyroglutamate aminopeptidase in a mouse model of inflammation. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 43, 128049	2.9	0
202	Bright chemiluminescent dioxetane probes for the detection of gaseous transmitter HS. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 46, 128148	2.9	2
201	Development of photocontrolled BRD4 PROTACs for tongue squamous cell carcinoma (TSCC). *European Journal of Medicinal Chemistry*, **2021**, 222, 113608	6.8	5
200	Polarity-based fluorescence probes: properties and applications. *RSC Medicinal Chemistry*, **2021**, 12, 1826-1838	3.1	4

199	Discovery of Turn-On Fluorescent Probes for Detecting PDE Protein in Living Cells and Tumor Slices. *Analytical Chemistry*, **2020**, 92, 9516-9522	7.8	4
198	Environment-sensitive fluorescent inhibitors of histone deacetylase. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127128	2.9	4
197	First small-molecule PROTACs for G protein-coupled receptors: inducing -adrenergic receptor degradation. *Acta Pharmaceutica Sinica B*, **2020**, 10, 1669-1679	15.5	13
196	Bioluminescence imaging of exogenous & endogenous cysteine in vivo with a highly selective probe. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 126968	2.9	3
195	Novel NanoLuc-type substrates with various C-6 substitutions. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127085	2.9	3
194	Optical Control of CRAC Channels Using Photoswitchable Azopyrazoles. *Journal of the American Chemical Society*, **2020**, 142, 9460-9470	16.4	14
193	Application of a cybLuc Aminoluciferin for Deep Tissue Bioluminescence Imaging in Rodent Models. *Methods in Molecular Biology*, **2020**, 2081, 219-228	1.4	
192	Biological applications of a turn-on bioluminescent probe for monitoring sulfite oxidase deficiency in vivo. *European Journal of Medicinal Chemistry*, **2020**, 200, 112476	6.8	5
191	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	7.8	4
190	Zebrafish neuro-behavioral profiles altered by acesulfame (ACE) within the range of "no observed effect concentrations (NOECs)". *Chemosphere*, **2020**, 243, 125431	8.4	7
189	Heterocyclic N-Oxides as Small-Molecule Fluorogenic Scaffolds: Rational Design and Applications of Their "On-Off" Fluorescence. *Analytical Chemistry*, **2020**, 92, 12282-12289	7.8	6
188	Pharmacophore hybridisation and nanoscale assembly to discover self-delivering lysosomotropic new-chemical entities for cancer therapy. *Nature Communications*, **2020**, 11, 4615	17.4	10
187	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,	6.3	1
186	Discovery of Small-Molecule Inhibitors of the HSP90-Calcineurin-NFAT Pathway against Glioblastoma. *Cell Chemical Biology*, **2019**, 26, 352-365.e7	8.2	15
185	In vivo bioluminescence imaging of labile iron pools in a murine model of sepsis with a highly selective probe. *Talanta*, **2019**, 203, 29-33	6.2	11
184	Aggregation-Induced Emission: Lighting Up hERG Potassium Channel. *Frontiers in Chemistry*, **2019**, 7, 54	5	1
183	Discovery of Turn-On Fluorescent Probes for Detecting Bcl-2 Protein. *Analytical Chemistry*, **2019**, 91, 5722-5728	7.8	11
182	Discovery of Environment-Sensitive Fluorescent Agonists for Adrenergic Receptors. *Analytical Chemistry*, **2019**, 91, 12173-12180	7.8	7

181	Bioluminescence Imaging of Selenocysteine in Vivo with a Highly Sensitive Probe. *ACS Sensors*, **2019**, 4, 3147-3155	9.2	16
180	Bioluminescent Probe for Monitoring Endogenous Fibroblast Activation Protein-Alpha. *Analytical Chemistry*, **2019**, 91, 14873-14878	7.8	14
179	Discovery of Small-Molecule Sulfonamide Fluorescent Probes for GPR120. *Analytical Chemistry*, **2019**, 91, 15235-15239	7.8	4
178	Astemizole-based turn-on fluorescent probes for imaging hERG potassium channel. *MedChemComm*, **2019**, 10, 513-516	5	4
177	A bioluminescent strategy for imaging palladium in living cells and animals with chemoselective probes based on luciferin-luciferase system. *Talanta*, **2019**, 194, 925-929	6.2	5
176	A specific and selective chemiluminescent probe for Pd2+ detection. *Chinese Chemical Letters*, **2019**, 30, 63-66	8.1	7
175	Optogenetic Control of Voltage-Gated Calcium Channels. *Angewandte Chemie*, **2018**, 130, 7137-7140	3.6	
174	Optogenetic Control of Voltage-Gated Calcium Channels. *Angewandte Chemie - International Edition*, **2018**, 57, 7019-7022	16.4	15
173	Optical probes, theranostics and optogenetics shed light on zebrafish (Danio rerio). *Analytical Methods*, **2018**, 10, 818-831	3.2	3
172	Bioluminescent probe for detecting endogenous hypochlorite in living mice. *Organic and Biomolecular Chemistry*, **2018**, 16, 645-651	3.9	20
171	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	7.3	49
170	Visualization of mercury(ii) accumulation in vivo using bioluminescence imaging with a highly selective probe. *Organic and Biomolecular Chemistry*, **2018**, 16, 2388-2392	3.9	10
169	In Vivo Bioluminescence Imaging of Cobalt Accumulation in a Mouse Model. *Analytical Chemistry*, **2018**, 90, 4946-4950	7.8	18
168	Bioluminescent Probe for Detection of Starvation-Induced Pantetheinase Upregulation. *Analytical Chemistry*, **2018**, 90, 9545-9550	7.8	13
167	Novel photoactivatable substrates for Renilla luciferase imaging in vitro and in vivo. *Organic and Biomolecular Chemistry*, **2018**, 16, 4789-4792	3.9	6
166	Bioluminescence probe for □glutamyl transpeptidase detection in vivo. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 134-140	3.4	14
165	Biodegradable Polymer Nanoparticles for Photodynamic Therapy by Bioluminescence Resonance Energy Transfer. *Biomacromolecules*, **2018**, 19, 201-208	6.9	33
164	Identification of AI-2 Quorum Sensing Inhibitors in Vibrio harveyi Through Structure-Based Virtual Screening. *Methods in Molecular Biology*, **2018**, 1673, 353-362	1.4	5

163	Application of Point Cloud Data in the Construction and Management of Interior Design. *IOP Conference Series: Earth and Environmental Science*, **2018**, 192, 012070	0.3	
162	Aminoluciferin 4-hydroxyphenyl amide enables bioluminescence detection of endogenous tyrosinase. *Organic and Biomolecular Chemistry*, **2018**, 16, 9197-9203	3.9	4
161	Innenr□ktitelbild: Optogenetic Control of Voltage-Gated Calcium Channels (Angew. Chem. 24/2018). *Angewandte Chemie*, **2018**, 130, 7375-7375	3.6	0
160	Novel caged luciferin derivatives can prolong bioluminescence imaging and .. *RSC Advances*, **2018**, 8, 19596-19599	3.7	2
159	Store-Operated Calcium Entry Mediated by□ORAI□and STIM. *Comprehensive Physiology*, **2018**, 8, 981-1002	7.7	28
158	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	3.4	16
157	Inhibiting Firefly Bioluminescence by Chalcones. *Analytical Chemistry*, **2017**, 89, 6099-6105	7.8	10
156	cybLuc: An Effective Aminoluciferin Derivative for Deep Bioluminescence Imaging. *Analytical Chemistry*, **2017**, 89, 4808-4816	7.8	40
155	Discovery of the First Environment-Sensitive Fluorescent Probe for GPR120 (FFA4) Imaging. *ACS Medicinal Chemistry Letters*, **2017**, 8, 428-432	4.3	11
154	Engineered Split-TET2 Enzyme for Inducible Epigenetic Remodeling. *Journal of the American Chemical Society*, **2017**, 139, 4659-4662	16.4	18
153	Bioluminescent Probe for Tumor Hypoxia Detection via CYP450 Reductase in Living Animals. *Analytical Chemistry*, **2017**, 89, 12488-12493	7.8	22
152	Discovery of a Turn-On Fluorescent Probe for Myeloid Cell Leukemia-1 Protein. *Analytical Chemistry* , **2017**, 89, 11173-11177	7.8	8
151	New bioluminescent coelenterazine derivatives with various C-6 substitutions. *Organic and Biomolecular Chemistry*, **2017**, 15, 7008-7018	3.9	10
150	Prolonged bioluminescence imaging in living cells and mice using novel pro-substrates for Renilla luciferase. *Organic and Biomolecular Chemistry*, **2017**, 15, 10238-10244	3.9	12
149	Environment-sensitive turn-on fluorescent probes for p53-MDM2 protein-protein interaction. *MedChemComm*, **2017**, 8, 1668-1672	5	8
148	TET1-Mediated Oxidation of 5-Formylcytosine (5fC) to 5-Carboxycytosine (5caC) in RNA. *ChemBioChem*, **2017**, 18, 72-76	3.8	28
147	A coelenterazine-type bioluminescent probe for nitroreductase imaging. *Organic and Biomolecular Chemistry*, **2017**, 16, 146-151	3.9	11
146	Discovery of Fluorescence Polarization Probe for the ELISA-Based Antagonist Screening of □Adrenergic Receptors. *ACS Medicinal Chemistry Letters*, **2016**, 7, 967-971	4.3	9

145	Bioluminogenic Imaging of AminopeptidaseN In Vitro and In Vivo. *Methods in Molecular Biology*, **2016**, 1461, 91-9	1.4	1
144	Bioluminescent Probe for Detecting Mercury(II) in Living Mice. *Analytical Chemistry*, **2016**, 88, 7462-5	7.8	21
143	A novel NBD-based pH □n□ff□fluorescent probe equipped with the N-phenylpiperazine group for lysosome imaging. *RSC Advances*, **2016**, 6, 102773-102777	3.7	11
142	Quenching the firefly bioluminescence by various ions. *Photochemical and Photobiological Sciences*, **2016**, 15, 244-9	4.2	6
141	Bioluminescence Probe for Detecting Hydrogen Sulfide in Vivo. *Analytical Chemistry*, **2016**, 88, 592-5	7.8	69
140	Visualization of □-adrenergic receptors with phenylpiperazine-based fluorescent probes. *Science China Chemistry*, **2016**, 59, 624-628	7.9	5
139	Astemizole Derivatives as Fluorescent Probes for hERG Potassium Channel Imaging. *ACS Medicinal Chemistry Letters*, **2016**, 7, 245-9	4.3	10
138	Discovery of the First Environment-Sensitive Near-Infrared (NIR) Fluorogenic Ligand for □-Adrenergic Receptors Imaging in Vivo. *Journal of Medicinal Chemistry*, **2016**, 59, 2151-62	8.3	25
137	Lighting up bioluminescence with coelenterazine: strategies and applications. *Photochemical and Photobiological Sciences*, **2016**, 15, 466-80	4.2	42
136	Discovery of naphthalimide conjugates as fluorescent probes for □-adrenoceptors. *Chinese Chemical Letters*, **2016**, 27, 185-189	8.1	3
135	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, 3994-7	16.4	61
134	Environment-Sensitive Fluorescent Probe for the Human Ether-a-go-go-Related Gene Potassium Channel. *Analytical Chemistry*, **2016**, 88, 1511-5	7.8	24
133	Discovery of New Substrates for LuxAB Bacterial Bioluminescence. *Chemical Biology and Drug Design*, **2016**, 88, 197-208	2.9	3
132	Luminescence of coelenterazine derivatives with C-8 extended electronic conjugation. *Chinese Chemical Letters*, **2016**, 27, 550-554	8.1	12
131	Real-Time Bioluminescence Imaging of Nitroreductase in Mouse Model. *Analytical Chemistry*, **2016**, 88, 5610-4	7.8	60
130	Store-operated CRAC channel inhibitors: opportunities and challenges. *Future Medicinal Chemistry*, **2016**, 8, 817-32	4.1	65
129	Novel bioluminescent coelenterazine derivatives with imidazopyrazinone C-6 extended substitution for Renilla luciferase. *Organic and Biomolecular Chemistry*, **2016**, 14, 5272-81	3.9	8
128	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	2.2	2

127	A novel coelenterate luciferin-based luminescent probe for selective and sensitive detection of thiophenols. *Organic and Biomolecular Chemistry*, **2016**, 14, 10267-10274	3.9	17
126	A fluorescent probe for imaging p53-MDM2 protein-protein interaction. *Chemical Biology and Drug Design*, **2015**, 85, 411-7	2.9	13
125	Discovery of a series of 2-phenylnaphthalenes as firefly luciferase inhibitors. *RSC Advances*, **2015**, 5, 63450-63457	3.7	7
124	BioLeT: A new design strategy for functional bioluminogenic probes. *Chinese Chemical Letters*, **2015**, 26, 919-921	8.1	4
123	FFA4 receptor (GPR120): A hot target for the development of anti-diabetic therapies. *European Journal of Pharmacology*, **2015**, 763, 160-8	5.3	33
122	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	5.2	21
121	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, 861-71	6.1	35
120	Discovery of Quinazoline-Based Fluorescent Probes to β-Adrenergic Receptors. *ACS Medicinal Chemistry Letters*, **2015**, 6, 502-6	4.3	19
119	Novel intramolecular photoinduced electron transfer-based probe for the Human Ether-a-go-go-Related Gene (hERG) potassium channel. *Analyst, The*, **2015**, 140, 8101-8	5	3
118	Inside-out Ca(2+) signalling prompted by STIM1 conformational switch. *Nature Communications*, **2015**, 6, 7826	17.4	119
117	Cell and in vivo imaging of fluoride ion with highly selective bioluminescent probes. *Analytical Chemistry*, **2015**, 87, 9110-3	7.8	44
116	Synthesis and biological evaluation of a series of aryl triazoles as firefly luciferase inhibitors. *MedChemComm*, **2015**, 6, 418-424	5	13
115	Synthesis and characterization of bis-N-2-aryl triazole as a fluorophore. *Journal of Organic Chemistry*, **2015**, 80, 3664-9	4.2	34
114	A bestatin-based fluorescent probe for aminopeptidase N cell imaging. *Chinese Chemical Letters*, **2015**, 26, 513-516	8.1	9
113	Fluorogenic probe for the human Ether-a-Go-Go-Related Gene potassium channel imaging. *Analytical Chemistry*, **2015**, 87, 2550-4	7.8	21
112	A fast and simple approach to the quantitative evaluation of fibrinogen coagulation. *Biotechnology Letters*, **2014**, 36, 337-40	3	4
111	Facile synthesis of fluorescent active triazapentalenes through gold-catalyzed triazole-alkyne cyclization. *Chemical Communications*, **2014**, 50, 7303-5	5.8	27
110	Quantitative kinetic investigation of triazole-gold(I) complex catalyzed [3,3]-rearrangement of propargyl ester. *Chemical Communications*, **2014**, 50, 2158-60	5.8	29

109	Design strategy for photoinduced electron transfer-based small-molecule fluorescent probes of biomacromolecules. *Analyst, The*, **2014**, 139, 2641-9	5	38
108	Toward fluorescent probes for G-protein-coupled receptors (GPCRs). *Journal of Medicinal Chemistry*, **2014**, 57, 8187-203	8.3	43
107	Discovery of bioluminogenic probes for aminopeptidase N imaging. *Analytical Chemistry*, **2014**, 86, 2747-53	7.8	42
106	Bioluminescent probe for hydrogen peroxide imaging in vitro and in vivo. *Analytical Chemistry*, **2014**, 86, 9800-6	7.8	75
105	Strategies in the design of small-molecule fluorescent probes for peptidases. *Medicinal Research Reviews*, **2014**, 34, 1217-41	14.4	21
104	Molecular mechanism of ERK dephosphorylation by striatal-enriched protein tyrosine phosphatase. *Journal of Neurochemistry*, **2014**, 128, 315-329	6	26
103	Design, synthesis and biological evaluation of naphthalimide-based fluorescent probes for □-adrenergic receptors. *Drug Discoveries and Therapeutics*, **2014**, 8, 11-7	5	5
102	Design, synthesis and biological evaluation of 4-chromanone derivatives as IKr inhibitors. *Drug Discoveries and Therapeutics*, **2014**, 8, 76-83	5	3
101	SecAAA trimer is fully functional as SecAA dimer in the membrane: existence of higher oligomers?. *Biochemical and Biophysical Research Communications*, **2014**, 447, 250-4	3.4	4
100	Bifunctional fluorescent probes for hydrogen peroxide and diols based on a 1,8-naphthalimide fluorophore. *Science China Chemistry*, **2013**, 56, 1440-1445	7.9	4
99	Discovery of a Pair of Diastereomers as Potent HDACs Inhibitors: Determination of Absolute Configuration, Biological Activity Comparison and Computational Study. *RSC Advances*, **2013**, 3,	3.7	2
98	The first ratiometric fluorescent probes for aminopeptidase N cell imaging. *Organic and Biomolecular Chemistry*, **2013**, 11, 378-82	3.9	39
97	Lighting up GPCRs with a fluorescent multiprobe dubbed "Snifit". *ChemBioChem*, **2013**, 14, 184-6	3.8	4
96	Quorum sensing inhibitors: a patent review. *Expert Opinion on Therapeutic Patents*, **2013**, 23, 867-94	6.8	46
95	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	6.1	70
94	Metal-dependent protein phosphatase□1A functions as an extracellular signal-regulated kinase phosphatase. *FEBS Journal*, **2013**, 280, 2700-11	5.7	21
93	A novel pH □ff□n□fluorescent probe for lysosome imaging. *RSC Advances*, **2013**, 3, 13412	3.7	29
92	A novel hydrazino-substituted naphthalimide-based fluorogenic probe for tert-butoxy radicals. *Chemical Communications*, **2013**, 49, 6295-7	5.8	28

91	Cage the firefly luciferin! - a strategy for developing bioluminescent probes. *Chemical Society Reviews*, **2013**, 42, 662-76	58.5	143
90	Coumarin-based fluorescent probes for H2S detection. *Journal of Fluorescence*, **2013**, 23, 181-6	2.4	54
89	The first inhibitor-based fluorescent imaging probe for aminopeptidase N. *Drug Discoveries and Therapeutics*, **2013**,	5	1
88	Discovering the binding modes of natural products with histone deacetylase 1. *Medicinal Chemistry*, **2013**, 9, 126-32	1.8	3
87	Alignment-independent QSAR analysis of SecA inhibitors. *Protein and Peptide Letters*, **2013**, 20, 802-7	1.9	1
86	A benzothiazole-based fluorescent probe for thiol bioimaging. *Tetrahedron Letters*, **2012**, 53, 2332-2335	2	36
85	Discovery of a novel histone deacetylase 8 inhibitor by virtual screening. *Medicinal Chemistry Research*, **2012**, 21, 152-156	2.2	19
84	Novel AI-2 quorum sensing inhibitors in Vibrio harveyi identified through structure-based virtual screening. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 6413-7	2.9	22
83	Design of OFF/ON fluorescent thiol probes based on coumarin fluorophore. *Science China Chemistry*, **2012**, 55, 1776-1780	7.9	5
82	A new boronic acid based fluorescent reporter for catechol. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 7179-82	2.9	20
81	The first ratiometric fluorescent probe for aminopeptidase N. *Analytical Methods*, **2012**, 4, 2661	3.2	19
80	Naphthalimide-based fluorescent off/on probes for the detection of thiols. *Tetrahedron*, **2012**, 68, 5363-5367	2.4	35
79	Revisiting the homology modeling of G-protein coupled receptors: 1-adrenoceptor as an example. *Molecular BioSystems*, **2012**, 8, 1686-93		6
78	Fluorescein analogues inhibit SecA ATPase: the first sub-micromolar inhibitor of bacterial protein translocation. *ChemMedChem*, **2012**, 7, 571-7	3.7	27
77	Inside Back Cover: Fluorescein Analogues Inhibit SecA ATPase: The First Sub-micromolar Inhibitor of Bacterial Protein Translocation (ChemMedChem 4/2012). *ChemMedChem*, **2012**, 7, 744-744	3.7	
76	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	2.2	4
75	Recent progresses on AI-2 bacterial quorum sensing inhibitors. *Current Medicinal Chemistry*, **2012**, 19, 174-86	4.3	27
74	Boronate can be the fluorogenic switch for the detection of hydrogen peroxide. *Current Medicinal Chemistry*, **2012**, 19, 3622-34	4.3	5

73	Update on the slow delayed rectifier potassium current (I(Ks)): role in modulating cardiac function. *Current Medicinal Chemistry*, **2012**, 19, 1405-20	4.3	6
72	Density functional theory based quantitative structure-property relationship studies on coumarin-based prodrugs. *BioScience Trends*, **2012**, 6, 234-40	9.9	
71	Recent advances in the boric acid/boronate-based fluorescent probes for detection of hydrogen peroxide. *Scientia Sinica Chimica*, **2012**, 42, 1683-1693	1.6	2
70	Advances and perspectives in cell-specific aptamers. *Current Pharmaceutical Design*, **2011**, 17, 80-91	3.3	21
69	Synthesis and activity evaluation of a new bestatin derivative LYP2 as an aminopeptidase N inhibitor. *Anti-Cancer Drugs*, **2011**, 22, 99-103	2.4	3
68	3D-QSAR study on a series of Bcl-2 protein inhibitors using comparative molecular field analysis. *Protein and Peptide Letters*, **2011**, 18, 440-9	1.9	13
67	LYP3, a new bestatin derivative for aminopeptidase N inhibition. *Medicinal Chemistry*, **2011**, 7, 32-6	1.8	8
66	Novel antileukemic agents derived from tamibarotene and nitric oxide donors. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 7025-9	2.9	9
65	Homology modeling, molecular dynamic simulation and docking studies of cyclin dependent kinase 1. *Journal of Molecular Modeling*, **2011**, 17, 219-26	2	7
64	N-2-aryl-1,2,3-triazoles: a novel class of UV/blue-light-emitting fluorophores with tunable optical properties. *Chemistry - A European Journal*, **2011**, 17, 5011-8	4.8	65
63	1,2,3-triazole bound Au(I) (TA-Au) as chemoselective catalysts in promoting asymmetric synthesis of substituted allenes. *Organic Letters*, **2011**, 13, 2618-21	6.2	78
62	Design, synthesis and biological activity of thiazolidine-4-carboxylic acid derivatives as novel influenza neuraminidase inhibitors. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 2342-8	3.4	50
61	Small molecule inhibitors of histone acetyltransferase Tip60. *Bioorganic Chemistry*, **2011**, 39, 53-8	5.1	26
60	How to generate reliable and predictive CoMFA models. *Current Medicinal Chemistry*, **2011**, 18, 923-30	4.3	25
59	Alkaloids and flavonoids as α1)-adrenergic receptor antagonists. *Current Medicinal Chemistry*, **2011** , 18, 4923-32	4.3	15
58	The medicinal potential of influenza virus surface proteins: hemagglutinin and neuraminidase. *Current Medicinal Chemistry*, **2011**, 18, 1050-66	4.3	16
57	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, 16212-6	11.5	77
56	Chemical validation of phosphodiesterase C as a chemotherapeutic target in Trypanosoma cruzi, the etiological agent of Chagas' disease. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 3738-45	5.9	29

55	Modeling the interactions between alpha(1)-adrenergic receptors and their antagonists. *Current Computer-Aided Drug Design*, **2010**, 6, 165-78	1.4	9
54	Expression and regulation of a novel identified TNFAIP8 family is associated with diabetic nephropathy. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 1078-86	6.9	69
53	Carbohydrate recognition by boronolectins, small molecules, and lectins. *Medicinal Research Reviews*, **2010**, 30, 171-257	14.4	237
52	Aptamer-based carbohydrate recognition. *Current Pharmaceutical Design*, **2010**, 16, 2269-78	3.3	44
51	Design, synthesis and preliminary activity evaluation of novel L-lysine derivatives as aminopeptidase N/CD13 inhibitors. *Protein and Peptide Letters*, **2010**, 17, 847-53	1.9	3
50	The first low microM SecA inhibitors. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 1617-25	3.4	47
49	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, 1761-72	3.4	53
48	Novel aminopeptidase N (APN/CD13) inhibitors derived from 3-phenylalanyl-N'-substituted-2,6-piperidinedione. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 5981-7	3.4	10
47	In silico binding characteristics between human histamine H1 receptor and antagonists. *Journal of Molecular Modeling*, **2010**, 16, 1529-37	2	5
46	Carbohydrate biomarkers for future disease detection and treatment. *Science China Chemistry*, **2010**, 53, 3-20	7.9	26
45	Structure-based virtual screening and electrophysiological evaluation of new chemotypes of K(v)1.5 channel blockers. *ChemMedChem*, **2010**, 5, 1353-8	3.7	7
44	Global anti-synchronization of master–slave chaotic modified Chua's circuits coupled by linear feedback control. *Mathematical and Computer Modelling*, **2010**, 52, 567-573		24
43	A Fluorescent Hydrogen Peroxide Probe Based on a 'Click' Modified Coumarin Fluorophore. *Tetrahedron Letters*, **2010**, 51, 1152-1154	2	52
42	Synthesis and carbohydrate binding studies of fluorescent alpha-amidoboronic acids and the corresponding bisboronic acids. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 1449-55	3.4	26
41	A comparison of different electrostatic potentials on prediction accuracy in CoMFA and CoMSIA studies. *European Journal of Medicinal Chemistry*, **2010**, 45, 1544-51	6.8	46
40	The interactions between hERG potassium channel and blockers. *Current Topics in Medicinal Chemistry*, **2009**, 9, 330-8	3	14
39	Potential targets and their relevant inhibitors in anti-influenza fields. *Current Medicinal Chemistry*, **2009**, 16, 3716-39	4.3	28
38	Synthesis and evaluation of new antagonists of bacterial quorum sensing in Vibrio harveyi. *ChemMedChem*, **2009**, 4, 1457-68	3.7	44

37	Inhibitors and antagonists of bacterial quorum sensing. *Medicinal Research Reviews*, **2009**, 29, 65-124	14.4	158
36	Pharmacophore Mapping for Kv1.5 Potassium Channel Blockers. *QSAR and Combinatorial Science*, **2009**, 28, 59-71		9
35	Inhibition of quorum sensing in Vibrio harveyi by boronic acids. *Chemical Biology and Drug Design*, **2009**, 74, 51-6	2.9	21
34	Molecular hybridization, synthesis, and biological evaluation of novel chroman I(Kr) and I(Ks) dual blockers. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 1477-80	2.9	9
33	Identification of the first fluorescent alpha-amidoboronic acids that change fluorescent properties upon sugar binding. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 1596-9	2.9	30
32	The first pharmacophore model for potent NF-kappaB inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 5665-9	2.9	8
31	A new phenothiazine structural scaffold as inhibitors of bacterial quorum sensing in Vibrio harveyi. *Biochemical and Biophysical Research Communications*, **2009**, 382, 153-6	3.4	13
30	Fluoride protects boronic acids in the copper(I)-mediated click reaction. *Chemical Communications*, **2009**, 5251-3	5.8	22
29	Drug discoveries towards Kv1.5 potassium channel. *Current Topics in Medicinal Chemistry*, **2009**, 9, 339-47	3	3
28	Design, synthesis, and structure-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, 7673-88	8.3	33
27	Discovery of the first SecA inhibitors using structure-based virtual screening. *Biochemical and Biophysical Research Communications*, **2008**, 368, 839-45	3.4	42
26	Identification of boronic acids as antagonists of bacterial quorum sensing in Vibrio harveyi. *Biochemical and Biophysical Research Communications*, **2008**, 369, 590-4	3.4	40
25	Selecting aptamers for a glycoprotein through the incorporation of the boronic acid moiety. *Journal of the American Chemical Society*, **2008**, 130, 12636-8	16.4	107
24	Modeling the excitation wavelengths (lambda(ex)) of boronic acids. *Journal of Molecular Modeling*, **2008**, 14, 441-9	2	12
23	Computational studies of the binding site of alpha1A-adrenoceptor antagonists. *Journal of Molecular Modeling*, **2008**, 14, 957-66	2	24
22	Computer-based de novo design, synthesis, and evaluation of boronic acid-based artificial receptors for selective recognition of dopamine. *ChemBioChem*, **2008**, 9, 1431-8	3.8	30
21	Synthesis, evaluation, and computational studies of naphthalimide-based long-wavelength fluorescent boronic Acid reporters. *Chemistry - A European Journal*, **2008**, 14, 2795-804	4.8	54
20	Structure-based discovery and experimental verification of novel AI-2 quorum sensing inhibitors against Vibrio harveyi. *ChemMedChem*, **2008**, 3, 1242-9	3.7	53

19	Modeling the binding modes of Kv1.5 potassium channel and blockers. *Journal of Molecular Graphics and Modelling*, **2008**, 27, 178-87	2.8	21
18	Pyrogallol and its analogs can antagonize bacterial quorum sensing in Vibrio harveyi. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 1567-72	2.9	82
17	The effect of different electrostatic potentials on docking accuracy: a case study using DOCK5.4. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 3509-12	2.9	28
16	Rational Design of a Fluorescent Hydrogen Peroxide Probe Based on the Umbelliferone Fluorophore. *Tetrahedron Letters*, **2008**, 49, 3045-3048	2	59
15	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	2.4	30
14	Pharmacophore-guided design, synthesis and evaluation of quinazoline-arylpiperazines as new □-adrenoceptor antagonists. *Chinese Chemical Letters*, **2007**, 18, 41-44	8.1	5
13	Rational design, synthesis, biologic evaluation, and structure-activity relationship studies of novel 1-indanone alpha(1)-adrenoceptor antagonists. *Chemical Biology and Drug Design*, **2007**, 70, 461-4	2.9	16
12	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, 1237-44	2	39
11	Strategies for atrial fibrillation therapy: focusing on IKur potassium channel. *Expert Opinion on Therapeutic Patents*, **2007**, 17, 1443-1456	6.8	13
10	Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. *Nucleic Acids Research*, **2007**, 35, 1222-9	20.1	55
9	A novel structure-based virtual screening model for the hERG channel blockers. *Biochemical and Biophysical Research Communications*, **2007**, 355, 889-94	3.4	52
8	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	2.4	5
7	CONVENIENT AND RAPID PREPARATION OF INDENE DIMERS FROM INDENES OR INDANOLS. *Organic Preparations and Procedures International*, **2006**, 38, 490-494	1.1	
6	Computational studies of H5N1 hemagglutinin binding with SA-alpha-2, 3-Gal and SA-alpha-2, 6-Gal. *Biochemical and Biophysical Research Communications*, **2006**, 347, 662-8	3.4	38
5	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, 677-87	3.4	22
4	Pharmacophore identification of alpha(1A)-adrenoceptor antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 657-64	2.9	31
3	Pharmacophore-based design, synthesis, biological evaluation, and 3D-QSAR studies of aryl-piperazines as alpha(1)-adrenoceptor antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 3216-9	2.9	26
2	The pharmacophore hypotheses of I(Kr) potassium channel blockers: novel class III antiarrhythmic agents. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 4771-7	2.9	45

1	Self-organizing molecular field analysis on alpha(1a)-adrenoceptor dihydropyridine antagonists. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 3945-51	3.4	19