

# Binghe Wang

## List of Publications by Citations

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372  
papers

12,872  
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54  
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101  
g-index

433  
ext. papers

14,169  
ext. citations

5.7  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
372	A detailed examination of boronic acid-diol complexation. <i>Tetrahedron</i> , <b>2002</b> , 58, 5291-5300	2.4	1131
371	The relationship among pKa, pH, and binding constants in the interactions between boronic acids and diols is not as simple as it appears. <i>Tetrahedron</i> , <b>2004</b> , 60, 11205-11209	2.4	559
370	A fluorescent probe for fast and quantitative detection of hydrogen sulfide in blood. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9672-5	16.4	517
369	Boronic acid compounds as potential pharmaceutical agents. <i>Medicinal Research Reviews</i> , <b>2003</b> , 23, 346-68	14.4	400
368	Alizarin Red S. as a general optical reporter for studying the binding of boronic acids with carbohydrates. <i>Chemical Communications</i> , <b>2001</b> , 1608-9	5.8	276
367	14-3-3zeta binds a phosphorylated Raf peptide and an unphosphorylated peptide via its conserved amphipathic groove. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 16305-10	5.4	275
366	Boronic Acid-Based Sensors. <i>Current Organic Chemistry</i> , <b>2002</b> , 6, 1285-1317	1.7	246
365	Carbohydrate recognition by boronolactins, small molecules, and lectins. <i>Medicinal Research Reviews</i> , <b>2010</b> , 30, 171-257	14.4	237
364	Thiol reactive probes and chemosensors. <i>Sensors</i> , <b>2012</b> , 12, 15907-46	3.8	223
363	Progress in boronic acid-based fluorescent glucose sensors. <i>Journal of Fluorescence</i> , <b>2004</b> , 14, 481-9	2.4	205
362	Boronolactins and fluorescent boronolactins: an examination of the detailed chemistry issues important for the design. <i>Medicinal Research Reviews</i> , <b>2005</b> , 25, 490-520	14.4	171
361	Inhibitors and antagonists of bacterial quorum sensing. <i>Medicinal Research Reviews</i> , <b>2009</b> , 29, 65-124	14.4	158
360	Clicking 1,2,4,5-tetrazine and cyclooctynes with tunable reaction rates. <i>Chemical Communications</i> , <b>2012</b> , 48, 1736-8	5.8	144
359	Enrichment-triggered prodrug activation demonstrated through mitochondria-targeted delivery of doxorubicin and carbon monoxide. <i>Nature Chemistry</i> , <b>2018</b> , 10, 787-794	17.6	137
358	A glucose-selective fluorescence sensor based on boronic acid-diol recognition. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 3373-7	2.9	135
357	The first fluorescent diboronic acid sensor specific for hepatocellular carcinoma cells expressing sialyl Lewis X. <i>Chemistry and Biology</i> , <b>2004</b> , 11, 439-48		124
356	Building fluorescent sensors by template polymerization: the preparation of a fluorescent sensor for D-fructose. <i>Organic Letters</i> , <b>1999</b> , 1, 1209-12	6.2	118

355	Esterase-Sensitive Prodrugs with Tunable Release Rates and Direct Generation of Hydrogen Sulfide. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4514-8	16.4	118
354	Click and release: bioorthogonal approaches to "on-demand" activation of prodrugs. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 1077-1094	58.5	117
353	Diboronic acids as fluorescent probes for cells expressing sialyl Lewis X. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 2175-7	2.9	116
352	CYLD negatively regulates transforming growth factor- $\beta$ signalling via deubiquitinating Akt. <i>Nature Communications</i> , <b>2012</b> , 3, 771	17.4	113
351	Study of the Mechanism of Electron-Transfer Quenching by Boron-Nitrogen Adducts in Fluorescent Sensors. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 12942-12948	3.4	112
350	Toward Carbon Monoxide-Based Therapeutics: Critical Drug Delivery and Developability Issues. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 406-416	3.9	109
349	Selecting aptamers for a glycoprotein through the incorporation of the boronic acid moiety. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12636-8	16.4	107
348	A fluorescent probe for rapid aqueous fluoride detection and cell imaging. <i>Chemical Communications</i> , <b>2013</b> , 49, 2494-6	5.8	99
347	New boronic acid fluorescent reporter compounds. 2. A naphthalene-based on-off sensor functional at physiological pH. <i>Organic Letters</i> , <b>2003</b> , 5, 4615-8	6.2	98
346	Click and Release: A Chemical Strategy toward Developing Gasotransmitter Prodrugs by Using an Intramolecular Diels-Alder Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15846-15851	16.4	95
345	Hypoxia inducible factor pathway inhibitors as anticancer therapeutics. <i>Future Medicinal Chemistry</i> , <b>2013</b> , 5, 553-72	4.1	93
344	Toward Hydrogen Sulfide Based Therapeutics: Critical Drug Delivery and Developability Issues. <i>Medicinal Research Reviews</i> , <b>2018</b> , 38, 57-100	14.4	90
343	Regulating the fluorescence intensity of an anthracene boronic acid system: a B-N bond or a hydrolysis mechanism?. <i>Bioorganic Chemistry</i> , <b>2004</b> , 32, 571-81	5.1	90
342	Prodrug strategies based on intramolecular cyclization reactions. <i>Journal of Pharmaceutical Sciences</i> , <b>1997</b> , 86, 765-7	3.9	89
341	A novel type of fluorescent boronic acid that shows large fluorescence intensity changes upon binding with a carbohydrate in aqueous solution at physiological pH. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2003</b> , 13, 1019-22	2.9	87
340	Pyrogallol and its analogs can antagonize bacterial quorum sensing in <i>Vibrio harveyi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 1567-72	2.9	82
339	Strategies toward Organic Carbon Monoxide Prodrugs. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 1377-1385	38.5	82
338	Recent advances in thiol and sulfide reactive probes. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 1007-22	24.7	81

- 337 Building fluorescent sensors for carbohydrates using template-directed polymerizations. *Bioorganic Chemistry*, **2001**, 29, 308-20 5.1 81
- 336 MALDI tissue imaging: from biomarker discovery to clinical applications. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 17-27 4.4 80
- 335 A click-and-release approach to CO prodrugs. *Chemical Communications*, **2014**, 50, 15890-3 5.8 78
- 334 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, 16211-5 11.5 77
- 333 Vitamin C inactivates the proteasome inhibitor PS-341 in human cancer cells. *Clinical Cancer Research*, **2006**, 12, 273-80 12.9 77
- 332 The mechanisms of boronate ester formation and fluorescent turn-on in ortho-aminomethylphenylboronic acids. *Nature Chemistry*, **2019**, 11, 768-778 17.6 76
- 331 Hydrogen sulfide prodrugs-a review. *Acta Pharmaceutica Sinica B*, **2015**, 5, 367-77 15.5 76
- 330 L-Ala-D-Glu-meso-diaminopimelic acid (DAP) interacts directly with leucine-rich region domain of nucleotide-binding oligomerization domain 1, increasing phosphorylation activity of receptor-interacting serine/threonine-protein kinase 2 and its interaction with nucleotide-binding oligomerization domain 1. *Journal of Biological Chemistry*, **2011**, 286, 31003-31013 5.4 68
- 329 A Fluorescent Probe for Fast and Quantitative Detection of Hydrogen Sulfide in Blood. *Angewandte Chemie*, **2011**, 123, 9846-9849 3.6 65
- 328 Strategies to target the Hedgehog signaling pathway for cancer therapy. *Medicinal Research Reviews*, **2018**, 38, 870-913 14.4 64
- 327 Potential ATPase mimics by polyammonium macrocycles: Criteria for catalytic activity. *Bioorganic Chemistry*, **1992**, 20, 8-29 5.1 62
- 326 Dual-responsive boronate crosslinked micelles for targeted drug delivery. *Angewandte Chemie - International Edition*, **2012**, 51, 5293-5 16.4 61
- 325 Rational Design of a Fluorescent Hydrogen Peroxide Probe Based on the Umbelliferone Fluorophore. *Tetrahedron Letters*, **2008**, 49, 3045-3048 2 59
- 324 The first fluorescent sensor for D-glucarate based on the cooperative action of boronic acid and guanidinium groups. *Chemical Communications*, **2003**, 792-3 5.8 58
- 323 An Esterase-Sensitive Prodrug Approach for Controllable Delivery of Persulfide Species. *Angewandte Chemie - International Edition*, **2017**, 56, 11749-11753 16.4 57
- 322 Organocatalytic aza-Michael-Michael cascade reactions: a flexible approach to 2,3,4-trisubstituted tetrahydroquinolines. *Chemistry - A European Journal*, **2012**, 18, 12958-61 4.8 56
- 321 Biologically active heteroarotinoids exhibiting anticancer activity and decreased toxicity. *Journal of Medicinal Chemistry*, **1997**, 40, 3567-83 8.3 55
- 320 Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. *Nucleic Acids Research*, **2007**, 35, 1222-9 20.1 55

319	Diallyl trisulfide protects against high glucose-induced cardiac apoptosis by stimulating the production of cystathionine gamma-lyase-derived hydrogen sulfide. <i>International Journal of Cardiology</i> , <b>2015</b> , 195, 300-10	3.2	54
318	Synthesis, evaluation, and computational studies of naphthalimide-based long-wavelength fluorescent boronic Acid reporters. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2795-804	4.8	54
317	Design, synthesis and preliminary activity assay of 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid derivatives as novel Histone deacetylases (HDACs) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1761-72	3.4	53
316	Structure-based discovery and experimental verification of novel AI-2 quorum sensing inhibitors against <i>Vibrio harveyi</i> . <i>ChemMedChem</i> , <b>2008</b> , 3, 1242-9	3.7	53
315	Discovery and mechanistic study of a class of protein arginine methylation inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 6028-39	8.3	52
314	A Fluorescent Hydrogen Peroxide Probe Based on a 'Click' Modified Coumarin Fluorophore. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1152-1154	2	52
313	The design of boronic acid spectroscopic reporter compounds by taking advantage of the pK(a)-lowering effect of diol binding: nitrophenol-based color reporters for diols. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 1999-2007	4.2	52
312	A highly fluorescent water-soluble boronic acid reporter for saccharide sensing that shows ratiometric UV changes and significant fluorescence changes. <i>Tetrahedron</i> , <b>2005</b> , 61, 9111-9117	2.4	49
311	Synthesis and evaluation of the physicochemical properties of esterase-sensitive cyclic prodrugs of opioid peptides using coumarinic acid and phenylpropionic acid linkers. <i>Chemical Biology and Drug Design</i> , <b>1999</b> , 53, 370-82		49
310	Toward Direct Protein S-Persulfidation: A Prodrug Approach That Directly Delivers Hydrogen Persulfide. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 30-33	16.4	49
309	Substituent effect on anthracene-based bisboronic acid glucose sensors. <i>Tetrahedron</i> , <b>2006</b> , 62, 2583-2589		48
308	Synthesis, antimalarial activity and cytotoxic potential of new monocarbonyl analogues of curcumin. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 112-6	2.9	47
307	The first low microM SecA inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1617-25	3.4	47
306	Building Fluorescent Sensors by Template Polymerization: The Preparation of a Fluorescent Sensor for l-Tryptophan. <i>Bioorganic Chemistry</i> , <b>1999</b> , 27, 463-476	5.1	47
305	Organic CO Prodrugs: Structure-CO-Release Rate Relationship Studies. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9838-9845	4.8	46
304	A comparison of different electrostatic potentials on prediction accuracy in CoMFA and CoMSIA studies. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1544-51	6.8	46
303	Water-soluble fluorescent boronic acid compounds for saccharide sensing: substituent effects on their fluorescence properties. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 1377-84	4.8	46
302	Development and Synthesis of an Arylboronic Acid-based Solid-Phase Amidation Catalyst. <i>Synthesis</i> , <b>2001</b> , 2001, 1611-1613	2.9	46

301	An esterase-activated click and release approach to metal-free CO-prodrugs. <i>Chemical Communications</i> , <b>2017</b> , 53, 8296-8299	5.8	45
300	Coumarinic acid-based cyclic prodrugs of opioid peptides that exhibit metabolic stability to peptidases and excellent cellular permeability. <i>Pharmaceutical Research</i> , <b>1999</b> , 16, 7-15	4.5	45
299	Sulfur dioxide prodrugs: triggered release of SOvia a click reaction. <i>Chemical Communications</i> , <b>2017</b> , 53, 1370-1373	5.8	44
298	Synthesis and evaluation of new antagonists of bacterial quorum sensing in <i>Vibrio harveyi</i> . <i>ChemMedChem</i> , <b>2009</b> , 4, 1457-68	3.7	44
297	Synthesis of a Novel Esterase-Sensitive Cyclic Prodrug System for Peptides That Utilizes a Trimethyl Lock-Facilitated Lactonization Reaction. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 1363-1367	4.2	44
296	The effect of conformation on the membrane permeation of coumarinic acid- and phenylpropionic acid-based cyclic prodrugs of opioid peptides. <i>Chemical Biology and Drug Design</i> , <b>1999</b> , 53, 383-92		44
295	3,6-Substituted-1,2,4,5-tetrazines: tuning reaction rates for staged labeling applications. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 3950-5	3.9	42
294	Discovery of the first SecA inhibitors using structure-based virtual screening. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 368, 839-45	3.4	42
293	A Redox-Sensitive Resin Linker for the Solid Phase Synthesis of C-Terminal Modified Peptides. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 156-161	4.2	42
292	Naphthalene-based water-soluble fluorescent boronic acid isomers suitable for ratiometric and off-on sensing of saccharides at physiological pH. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 579	3.6	41
291	pH-Sensitive metal-free carbon monoxide prodrugs with tunable and predictable release rates. <i>Chemical Communications</i> , <b>2017</b> , 53, 9628-9631	5.8	40
290	Identification of boronic acids as antagonists of bacterial quorum sensing in <i>Vibrio harveyi</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 590-4	3.4	40
289	Carbon monoxide protects the kidney through the central circadian clock and CD39. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E2302-E2310	11.5	39
288	Design and synthesis of novel small-molecule inhibitors of the hypoxia inducible factor pathway. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 8471-89	8.3	39
287	Homology modeling and examination of the effect of the D92E mutation on the H5N1 nonstructural protein NS1 effector domain. <i>Journal of Molecular Modeling</i> , <b>2007</b> , 13, 1237-44	2	39
286	Catechol pendant polystyrene for solid-phase synthesis. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 6339-6342	2	39
285	Prodrug strategies to enhance the intestinal absorption of peptides. <i>Drug Discovery Today</i> , <b>1997</b> , 2, 148-155	8.5	38
284	Esterase-sensitive cyclic prodrugs of peptides: evaluation of a phenylpropionic acid promoiety in a model hexapeptide. <i>Pharmaceutical Research</i> , <b>1997</b> , 14, 11-7	4.5	38

283	Computational studies of H5N1 hemagglutinin binding with SA-alpha-2, 3-Gal and SA-alpha-2, 6-Gal. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 347, 662-8	3.4	38
282	Chemical feasibility studies of a potential coumarin-based prodrug system. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1996</b> , 6, 945-950	2.9	38
281	Esterase-Sensitive and pH-Controlled Carbon Monoxide Prodrugs for Treating Systemic Inflammation. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 3163-3168	8.3	38
280	Recent Advances in Fluorescent Probes for the Detection of Hydrogen Sulfide. <i>Current Organic Chemistry</i> , <b>2013</b> , 17, 641-653	1.7	37
279	A new type of boronic acid fluorescent reporter compound for sugar recognition. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 7981-7984	2	37
278	Organic CO Prodrugs Activated by Endogenous ROS. <i>Organic Letters</i> , <b>2018</b> , 20, 8-11	6.2	35
277	Probing the general time scale question of boronic acid binding with sugars in aqueous solution at physiological pH. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 2957-61	3.4	34
276	Using boronolactin in MALDI-MS imaging for the histological analysis of cancer tissue expressing the sialyl Lewis X antigen. <i>Chemical Communications</i> , <b>2011</b> , 47, 10338-40	5.8	34
275	Design and Synthesis of Long-Wavelength Fluorescent Boronic Acid Reporter Compounds. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 2091-2099	3.2	34
274	Click reactions and boronic acids: applications, issues, and potential solutions. <i>Molecules</i> , <b>2010</b> , 15, 5768-88	4.8	33
273	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. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 7673-88	8.3	33
272	Click, Release, and Fluoresce: A Chemical Strategy for a Cascade Prodrug System for Codelivery of Carbon Monoxide, a Drug Payload, and a Fluorescent Reporter. <i>Organic Letters</i> , <b>2018</b> , 20, 897-900	6.2	32
271	Sulfonamides as a new scaffold for hypoxia inducible factor pathway inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 5528-32	2.9	32
270	An efficient synthesis of sterically hindered arylboronic acids. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 1671-1674	2	32
269	Carbon monoxide: An emerging therapy for acute kidney injury. <i>Medicinal Research Reviews</i> , <b>2020</b> , 40, 1147-1177	14.4	32
268	A highly selective and sensitive fluorescent probe for simultaneously distinguishing and sequentially detecting HS and various thiol species in solution and in live cells. <i>Chemical Communications</i> , <b>2018</b> , 54, 13252-13255	5.8	32
267	Boronic acid-modified DNA that changes fluorescent properties upon carbohydrate binding. <i>Chemical Communications</i> , <b>2010</b> , 46, 1073-5	5.8	31
266	Design, synthesis, and QSAR studies of novel lysine derivatives as amino-peptidase N/CD13 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5473-81	3.4	31

265	Identification of the first fluorescent alpha-amidoboronic acids that change fluorescent properties upon sugar binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 1596-9	2.9	30
264	A unique quinolineboronic acid-based supramolecular structure that relies on double intermolecular B-N bonds for self-assembly in solid state and in solution. <i>Tetrahedron</i> , <b>2007</b> , 63, 3287-3292	2.4	30
263	Computer-based de novo design, synthesis, and evaluation of boronic acid-based artificial receptors for selective recognition of dopamine. <i>ChemBioChem</i> , <b>2008</b> , 9, 1431-8	3.8	30
262	Discovery of novel small molecule inhibitors of lysine methyltransferase G9a and their mechanism in leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 122, 382-393	6.8	30
261	Chemical validation of phosphodiesterase C as a chemotherapeutic target in <i>Trypanosoma cruzi</i> , the etiological agent of Chagas' disease. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 3738-45	5.9	29
260	Coumarin-based prodrugs 2. Synthesis and bioreversibility studies of an esterase-sensitive cyclic prodrug of dadle, an opioid peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1996</b> , 6, 2823-2826	2.9	29
259	Arylsulfonamide 64B Inhibits Hypoxia/HIF-Induced Expression of c-Met and CXCR4 and Reduces Primary Tumor Growth and Metastasis of Uveal Melanoma. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 2206-2218	12.9	29
258	The chemistry of escapin: identification and quantification of the components in the complex mixture generated by an L-amino acid oxidase in the defensive secretion of the sea snail <i>Aplysia californica</i> . <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1597-603	4.8	28
257	A new class of fluorescent boronic acids that have extraordinarily high affinities for diols in aqueous solution at physiological pH. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13528-38	4.8	28
256	Synthesis and evaluation of dual wavelength fluorescent benzo[b]thiophene boronic acid derivatives for sugar sensing. <i>Chemical Biology and Drug Design</i> , <b>2007</b> , 70, 279-89	2.9	28
255	The effect of different electrostatic potentials on docking accuracy: a case study using DOCK5.4. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 3509-12	2.9	28
254	Microwave-assisted synthesis of ethynylarylboronates for the construction of boronic acid-based fluorescent sensors for carbohydrates. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2331-2335	2	28
253	Esterase-Sensitive Glutathione Persulfide Donor. <i>Organic Letters</i> , <b>2018</b> , 20, 6364-6367	6.2	28
252	Nitro reduction-based fluorescent probes for carbon monoxide require reactivity involving a ruthenium carbonyl moiety. <i>Chemical Communications</i> , <b>2020</b> , 56, 2190-2193	5.8	27
251	Redox-based selective fluorometric detection of homocysteine. <i>Chemical Communications</i> , <b>2014</b> , 50, 13668-71	5.8	27
250	Fluorescein analogues inhibit SecA ATPase: the first sub-micromolar inhibitor of bacterial protein translocation. <i>ChemMedChem</i> , <b>2012</b> , 7, 571-7	3.7	27
249	Post-synthesis DNA modifications using a trans-cyclooctene click handle. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 909-15	3.9	26
248	2,6-dansyl azide as a fluorescent probe for hydrogen sulfide. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 1-5	2.4	26



247	Novel rhein analogues as potential anticancer agents. <i>ChemMedChem</i> , <b>2011</b> , 6, 2294-301	3.7	26
246	Small molecule inhibitors of histone acetyltransferase Tip60. <i>Bioorganic Chemistry</i> , <b>2011</b> , 39, 53-8	5.1	26
245	Carbohydrate biomarkers for future disease detection and treatment. <i>Science China Chemistry</i> , <b>2010</b> , 53, 3-20	7.9	26
244	Synthesis and carbohydrate binding studies of fluorescent alpha-amidoboronic acids and the corresponding bisboronic acids. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 1449-55	3.4	26
243	Esterase-Sensitive Prodrugs with Tunable Release Rates and Direct Generation of Hydrogen Sulfide. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4590-4594	3.6	26
242	Fluorescent conjugate of sLe(x)-selective bisboronic acid for imaging application. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 6307-9	2.9	25
241	Identification of potent bactericidal compounds produced by escapin, an L-amino acid oxidase in the ink of the sea hare <i>Aplysia californica</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2008</b> , 52, 4455-62	5.9	25
240	A new boronic acid fluorescent reporter that changes emission intensities at three wavelengths upon sugar binding. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 7003-7006	2	25
239	A coumarin-based prodrug strategy to improve the oral absorption of RGD peptidomimetics. <i>Journal of Controlled Release</i> , <b>2000</b> , 65, 245-51	11.7	25
238	Computational studies of the binding site of alpha1A-adrenoceptor antagonists. <i>Journal of Molecular Modeling</i> , <b>2008</b> , 14, 957-66	2	24
237	An inexpensive carbohydrate derivative used as a chiral auxiliary in the synthesis of $\beta$ -hydroxy carboxylic acids. <i>Tetrahedron</i> , <b>2002</b> , 58, 7663-7679	2.4	24
236	Click and Fluoresce: A Bioorthogonally Activated Smart Probe for Wash-Free Fluorescent Labeling of Biomolecules. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1471-1476	4.2	23
235	Stereoselective Synthesis of 1-Methyl-3',4',5',6'-tetrahydrospiro[indoline-3,2'-pyran]-2-one Derivatives via Prins Cyclization. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5457-63	4.2	23
234	Esterase-sensitive sulfur dioxide prodrugs inspired by modified Julia olefination. <i>Chemical Communications</i> , <b>2017</b> , 53, 10124-10127	5.8	23
233	A comparison of the bioconversion rates and the Caco-2 cell permeation characteristics of coumarin-based cyclic prodrugs and methylester-based linear prodrugs of RGD peptidomimetics. <i>Pharmaceutical Research</i> , <b>1998</b> , 15, 1174-81	4.5	23
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