

# Christopher A Lipinski

## List of Publications by Year in descending order

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54  
papers

31,366  
citations

218381  
26  
h-index

197535  
49  
g-index

61  
all docs

61  
docs citations

61  
times ranked

30263  
citing authors

#	ARTICLE	IF	CITATIONS
1	High throughput in vivo phenotypic screening for drug repurposing: Discovery of MLR-1023 a novel insulin sensitizer and novel Lyn kinase activator with clinical proof of concept. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115425.	1.4	10
2	The rule of five should not impede anti-parasitic drug development. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 248-249.	1.4	36
3	Rule of five in 2015 and beyond: Target and ligand structural limitations, ligand chemistry structure and drug discovery project decisions. <i>Advanced Drug Delivery Reviews</i> , 2016, 101, 34-41.	6.6	350
4	Badapple: promiscuity patterns from noisy evidence. <i>Journal of Cheminformatics</i> , 2016, 8, 29.	2.8	85
5	Thermodynamic Proxies to Compensate for Biases in Drug Discovery Methods. <i>Pharmaceutical Research</i> , 2016, 33, 194-205.	1.7	20
6	Parallel Worlds of Public and Commercial Bioactive Chemistry Data. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2068-2076.	2.9	28
7	Small molecules with antiviral activity against the Ebola virus. <i>F1000Research</i> , 2015, 4, 38.	0.8	33
8	Computational Prediction and Validation of an Expert's Evaluation of Chemical Probes. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2996-3004.	2.5	22
9	ADMET Screen. , 2014, , 1-5.		0
10	ADMET Screen. , 2014, , 106-111.		0
11	My Perspective on Time, Managers' and Scientific Fun. <i>Annual Reports in Medicinal Chemistry</i> , 2013, 48, 15-22.	0.5	2
12	MLR-1023 Is a Potent and Selective Allosteric Activator of Lyn Kinase In Vitro That Improves Glucose Tolerance In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 15-22.	1.3	33
13	The Lyn Kinase Activator MLR-1023 Is a Novel Insulin Receptor Potentiator that Elicits a Rapid-Onset and Durable Improvement in Glucose Homeostasis in Animal Models of Type 2 Diabetes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 23-32.	1.3	35
14	Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 4-17.	6.6	1,407
15	Phenotypic and <i>In Vivo</i> Screening: Lead Discovery and Drug Repurposing. <i>RSC Drug Discovery Series</i> , 2012, , 86-93.	0.2	4
16	ADMET Screen. , 2011, , 80-84.		0
17	Analysis and hit filtering of a very large library of compounds screened against Mycobacterium tuberculosis. <i>Molecular BioSystems</i> , 2010, 6, 2316-2324.	2.9	69
18	A crowdsourcing evaluation of the NIH chemical probes. <i>Nature Chemical Biology</i> , 2009, 5, 441-447.	3.9	111

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19	Overview of Hit to Lead: The Medicinal Chemist's Role from HTS Retest to Lead Optimization Hand Off. <i>Topics in Medicinal Chemistry</i> , 2009, , 1-24.	0.4	5
20	Synthesis and antitubercular activity of 7-(R)- and 7-(S)-methyl-2-nitro-6-(S)-(4-(trifluoromethoxy)benzyloxy)-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazines, analogues of PA-824. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2256-2262.	1.0	62
21	Compound Properties and Drug Quality. , 2008, , 481-490.		4
22	ADMET Screen. , 2008, , 74-77.		0
23	The anti-intellectual effects of intellectual property. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 380-383.	2.8	9
24	High Throughput Sonication: Evaluation for Compound Solubilization. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 499-512.	0.6	52
25	Chemical Tools for Indications Discovery. <i>Annual Reports in Medicinal Chemistry</i> , 2005, 40, 339-348.	0.5	6
26	Chapter 11 Filtering in Drug Discovery. <i>Annual Reports in Computational Chemistry</i> , 2005, 1, 155-168.	0.9	38
27	Navigating chemical space for biology and medicine. <i>Nature</i> , 2004, 432, 855-861.	13.7	919
28	Lead- and drug-like compounds: the rule-of-five revolution. <i>Drug Discovery Today: Technologies</i> , 2004, 1, 337-341.	4.0	3,723
29	COMPOUND PROPERTIES AND DRUG QUALITY. , 2003, , 341-349.		12
30	Single-Mode Compound Retrieval for QSAR, QSPR Data Sets, and Batch Mode Exact Structure Searching. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 2470-2472.	1.6	3
31	Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings 1PII of original article: S0169-409X(96)00423-1. The article was originally published in <i>Advanced Drug Delivery Reviews</i> 23 (1997) 3â€“25. 1. <i>Advanced Drug Delivery Reviews</i> , 2001, 46, 3-26.	6.6	11,703
32	Drug-like properties and the causes of poor solubility and poor permeability. <i>Journal of Pharmacological and Toxicological Methods</i> , 2000, 44, 235-249.	0.3	2,921
33	Quantitative Structureâ”Activity Relationships among Macrolide Antibacterial Agents:Â In Vitro and in Vivo Potency against <i>Pasteurella multocida</i> . <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1340-1346.	2.9	144
34	Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings. <i>Advanced Drug Delivery Reviews</i> , 1997, 23, 3-25.	6.6	8,880
35	Hydantoin bioisosteres. In vivo active spiro hydroxy acetic acid aldose reductase inhibitors. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 2169-2177.	2.9	39
36	pKa, Log P and MedChem CLOGP Fragment Values of Acidic Heterocyclic Potential Bioisosteres. <i>QSAR and Combinatorial Science</i> , 1991, 10, 109-117.	1.4	28

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37	Physical parameters for brain uptake: optimizing log P, log D and pKa of T H A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 411-414.	1.0	24
38	Chlorination of dilantin and sorbinil. <i>Journal of Heterocyclic Chemistry</i> , 1990, 27, 1793-1799.	1.4	9
39	Acidic isostere design: Synthetic strategies and recent progress in understanding electronic properties and metabolic stability. <i>Pest Management Science</i> , 1990, 29, 227-240.	0.7	8
40	Medicinal chemistry of aldose reductase inhibitors. <i>Medicinal Research Reviews</i> , 1988, 8, 159-186.	5.0	43
41	Chapter 27. Bioisosterism in Drug Design. <i>Annual Reports in Medicinal Chemistry</i> , 1986, 21, 283-291.	0.5	86
42	Bioisosteric prototype design of biaryl imidazolyl and triazolyl competitive histamine H <sub>2</sub> -receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1986, 29, 2154-2163.	2.9	31
43	Pseudosymmetry and bioisosterism in biaryl pyridyl competitive histamine H <sub>2</sub> -receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1985, 28, 1628-1636.	2.9	21
44	2-Amino- and 2-guanidino-4-thiazolylpyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1723-1726.	1.4	9
45	Chapter 17. Aldose Reductase Inhibitors as a New Approach to the Treatment of Diabetic Complications. <i>Annual Reports in Medicinal Chemistry</i> , 1984, 19, 169-177.	0.5	27
46	An improved preparation and use of 2-bromoacetoacetaldehyde in a new synthesis of 2-substituted-4-acetylimidazoles. <i>Journal of Organic Chemistry</i> , 1984, 49, 566-570.	1.7	17
47	Bioisosteric design of conformationally restricted pyridyltriazole histamine H <sub>2</sub> -receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1983, 26, 1-6.	2.9	34
48	Chapter 10. Agents Affecting Gastrointestinal Functions. <i>Annual Reports in Medicinal Chemistry</i> , 1977, 12, 91-100.	0.5	0
49	Chapter 10. Agents Affecting Gastrointestinal Functions. <i>Annual Reports in Medicinal Chemistry</i> , 1975, 90-98.	0.5	0
50	Total synthesis of terpenes. XIX. Synthesis of 8-methoxy-4a.beta., 10b.beta., 12a.alpha.-trimethyl-3,4,4a,4b.alpha.,5,6,10b,11,12,12a-decahydrochrysen-1(2H)-one, a key intermediate in the total synthesis of (+)-shionone. <i>Journal of Organic Chemistry</i> , 1975, 40, 973-990.	1.7	21
51	Total synthesis of dl-shionone, a tetracyclic triterpene. <i>Journal of the American Chemical Society</i> , 1974, 96, 3333-3335.	6.6	24
52	Transmission of substituent effects in heterocycles. Rates of solvolysis of substituted 1-(2-thienyl)ethyl p-nitrobenzoates. <i>Journal of Organic Chemistry</i> , 1972, 37, 2615-2620.	1.7	22
53	The utility of the coupling reaction between propargyl grignard reagent and allylic halides for the synthesis of acetylenes. <i>Tetrahedron Letters</i> , 1970, 11, 2247-2250.	0.7	20
54	Correlation of the reactivity of thiophene derivatives. <i>Journal of Organic Chemistry</i> , 1970, 35, 1718-1720.	1.7	12