Timothy J Ritchie

List of Publications by Year
in descending order

27	2,023	471061 17	552369 26
papers	citations	h-index	g-index

27	27	27	2598
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of aromatic ring count on compound developability â€“ are too many aromatic rings a liability in drug design?. Drug Discovery Today, 2009, 14, 1011-1020.	3.2	637
2	The impact of aromatic ring count on compound developability: further insights by examining carbo- and hetero-aromatic and -aliphatic ring types. Drug Discovery Today, 2011, 16, 164-171.	3.2	333
3	The developability of heteroaromatic and heteroaliphatic rings â€“ do some have a better pedigree as potential drug molecules than others?. MedChemComm, 2012, 3, 1062.	3.5	144
4	The graphical representation of ADME-related molecule properties for medicinal chemists. Drug Discovery Today, 2011, 16, 65-72.	3.2	141
5	Bradyzide, a potent non-peptide B2 bradykinin receptor antagonist with long-lasting oral activity in animal models of inflammatory hyperalgesia. British Journal of Pharmacology, 2000, 129, 77-86.	2.7	96
6	Similarities and Differences in the Structureâ^'Activity Relationships of Capsaicin and Resiniferatoxin Analogues. Journal of Medicinal Chemistry, 1996, 39, 2939-2952.	2.9	80
7	Physicochemical Descriptors of Aromatic Character and Their Use in Drug Discovery. Journal of Medicinal Chemistry, 2014, 57, 7206-7215.	2.9	74
8	Increasing small molecule drug developability in sub-optimal chemical space. MedChemComm, 2013, 4, 673.	3.5	67
9	Stereoselective free radical reactions in the preparation of 2-deoxy-Î²-D-glucosides. Journal of the Chemical Society Chemical Communications, 1988, .	2.0	61
10	Analysis of the Calculated Physicochemical Properties of Respiratory Drugs: Can We Design for Inhaled Drugs Yet?. Journal of Chemical Information and Modeling, 2009, 49, 1025-1032.	2.5	58
11	How drug-like are â€˜uglyâ€™ drugs: do drug-likeness metrics predict ADME behaviour in humans?. Drug Discovery Today, 2014, 19, 489-495.	3.2	56
12	Diastereoselective free-radical reactions. Part 1. Preparation of 2-deoxy-Î²-glycosides by synthesis and reductive decarboxylation of 3-deoxyulosonic acid glycosides. Journal of the Chemical Society Perkin Transactions 1, 1990, , 945-954.	0.9	39
13	Preparation of 2-deoxy-Î²-d-lyxo-hexosides (2-deoxy-Î²-d-galactosides). Carbohydrate Research, 1989, 190, C3-C6.	1.1	37
14	1-(2-Nitrophenyl)thiosemicarbazides:Â A Novel Class of Potent, Orally Active Non-Peptide Antagonist for the Bradykinin B2Receptor. Journal of Medicinal Chemistry, 2000, 43, 769-771.	2.9	28
15	Potent and Orally Bioavailable Non-Peptide Antagonists at the Human Bradykinin B1Receptor Based on a 2-Alkylamino-5-sulfamoylbenzamide Core. Journal of Medicinal Chemistry, 2004, 47, 4642-4644.	2.9	28
16	Preparation and reactions of some cyclic orthoester derivatives. Tetrahedron, 1988, 44, 2319-2328.	1.0	24
17	Nonpeptide Bradykinin B2Receptor Antagonists:Â Conversion of Rodent-Selective Bradyzide Analogues into Potent, Orally-Active Human Bradykinin B2Receptor Antagonists1. Journal of Medicinal Chemistry, 2002, 45, 2160-2172.	2.9	20
18	Heterocyclic replacements for benzene: Maximising ADME benefits by considering individual ring isomers. European Journal of Medicinal Chemistry, 2016, 124, 1057-1068.	2.6	17

#	Article	IF	Citations
19	Should medicinal chemists do molecular modelling?. Drug Discovery Today, 2012, 17, 534-537.	3.2	16
20	Silyl migration and formation of an anhydro derivative on attempted benzylation of 3-O-tert-butyldimethylsilyl-6-O-tosyl-d-glucal. Carbohydrate Research, 1990, 197, 324-326.	1.1	15
21	A concise synthesis of 3-deoxy-2-O-methyl-4,5,7-tri-O-benzyl-D-arabino-heptulosonic acid and related compounds from 3,4,6-tri-O-benzyl-D-glucal. Journal of the Chemical Society Chemical Communications, 1988, , 985.	2.0	13
22	Sulfonamido-aryl ethers as bradykinin B1 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 119-122.	1.0	11
23	Lignans and related phenols. Part 18. The synthesis of quinones from podophyllotoxin and its analogues. Journal of the Chemical Society Perkin Transactions 1, 1988, , 2573.	0.9	8
24	Synthesis of 2,9,10-trioxatricyclo[4.3.1.0]decane analogues of resiniferatoxin. Journal of the Chemical Society Perkin Transactions 1, 1992, , 1229.	0.9	7
25	Chemoinformatics: manipulating chemical information to facilitate decision-making in drug discovery. Drug Discovery Today, 2001, 6, 813-814.	3.2	7
26	The stereoselective synthesis of 2,9,10-trioxatricyclo[4.3.1.0]decane analogues of resiniferatoxin. Journal of the Chemical Society Chemical Communications, 1991, , 215.	2.0	3
27	Some Studies on Carbonyl Radical Cyclizations and on the Synthesis of 2-Deoxy-Î²-D-Glycosides by Stereoselective Radical Reactions. , 1989, , 135-143.		3