Timothy J Ritchie

List of Publications by Citations

27 papers	1,678 citations	16 h-index	27 g-index
27 ext. papers	1,849 ext. citations	6.5 avg, IF	4.8 L-index

#	Paper	IF	Citations
27	The impact of aromatic ring count on compound developability--are too many aromatic rings a liability in drug design?. *Drug Discovery Today*, **2009**, 14, 1011-20	8.8	512
26	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, 164-71	8.8	286
25	The developability of heteroaromatic and heteroaliphatic rings do some have a better pedigree as potential drug molecules than others?. *MedChemComm*, **2012**, 3, 1062	5	128
24	The graphical representation of ADME-related molecule properties for medicinal chemists. *Drug Discovery Today*, **2011**, 16, 65-72	8.8	94
23	Bradyzide, a potent non-peptide B(2) bradykinin receptor antagonist with long-lasting oral activity in animal models of inflammatory hyperalgesia. *British Journal of Pharmacology*, **2000**, 129, 77-86	8.6	88
22	Similarities and differences in the structure-activity relationships of capsaicin and resiniferatoxin analogues. *Journal of Medicinal Chemistry*, **1996**, 39, 2939-52	8.3	72
21	Physicochemical descriptors of aromatic character and their use in drug discovery. *Journal of Medicinal Chemistry*, **2014**, 57, 7206-15	8.3	58
20	Stereoselective free radical reactions in the preparation of 2-deoxy-D-glucosides. *Journal of the Chemical Society Chemical Communications*, **1988**, 1461-1463		55
19	Analysis of the calculated physicochemical properties of respiratory drugs: can we design for inhaled drugs yet?. *Journal of Chemical Information and Modeling*, **2009**, 49, 1025-32	6.1	49
18	Increasing small molecule drug developability in sub-optimal chemical space. *MedChemComm*, **2013**, 4, 673	5	46
17	How drug-like are uglybdrugs: do drug-likeness metrics predict ADME behaviour in humans?. *Drug Discovery Today*, **2014**, 19, 489-95	8.8	43
16	Preparation of 2-deoxy-d-lyxo-hexosides (2-deoxy-d-galactosides). *Carbohydrate Research*, **1989**, 190, C3-C6	2.9	36
15	Diastereoselective free-radical reactions. Part 1. Preparation of 2-deoxy-glycosides by synthesis and reductive decarboxylation of 3-deoxyulosonic acid glycosides. *Journal of the Chemical Society Perkin Transactions 1*, **1990**, 945-954		35
14	Potent and orally bioavailable non-peptide antagonists at the human bradykinin B(1) receptor based on a 2-alkylamino-5-sulfamoylbenzamide core. *Journal of Medicinal Chemistry*, **2004**, 47, 4642-4	8.3	28
13	1-(2-Nitrophenyl)thiosemicarbazides: a novel class of potent, orally active non-peptide antagonist for the bradykinin B(2) receptor. *Journal of Medicinal Chemistry*, **2000**, 43, 769-71	8.3	26
12	Nonpeptide bradykinin B2 receptor antagonists: conversion of rodent-selective bradyzide analogues into potent, orally-active human bradykinin B2 receptor antagonists. *Journal of Medicinal Chemistry*, **2002**, 45, 2160-72	8.3	18
11	Heterocyclic replacements for benzene: Maximising ADME benefits by considering individual ring isomers. *European Journal of Medicinal Chemistry*, **2016**, 124, 1057-1068	6.8	15

10	Should medicinal chemists do molecular modelling?. *Drug Discovery Today*, **2012**, 17, 534-7	8.8	15
9	Preparation and reactions of some cyclic orthoester derivatives. *Tetrahedron*, **1988**, 44, 2319-2328	2.4	15
8	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	2.9	14
7	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		13
6	Sulfonamido-aryl ethers as bradykinin B1 receptor antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 119-22	2.9	11
5	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		7
4	Chemoinformatics: manipulating chemical information to facilitate decision-making in drug discovery. *Drug Discovery Today*, **2001**, 6, 813-814	8.8	5
3	Synthesis of 2,9,10-trioxatricyclo[4.3.1.0]decane analogues of resiniferatoxin. *Journal of the Chemical Society Perkin Transactions 1*, **1992**, 1229		5
2	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
1	Some Studies on Carbonyl Radical Cyclizations and on the Synthesis of 2-Deoxy-□D-Glycosides by Stereoselective Radical Reactions **1989**, 135-143		2