

# Michael J Stocks

## List of Publications by Citations

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64  
papers

1,265  
citations

21  
h-index

33  
g-index

82  
ext. papers

1,503  
ext. citations

4.3  
avg, IF

4.48  
L-index

#	Paper	IF	Citations
64	Antagonists of the P2X(7) receptor. From lead identification to drug development. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 3123-41	8.3	121
63	Molybdenum-mediated carbonylation of aryl halides with nucleophiles using microwave irradiation. <i>Organic Letters</i> , <b>2010</b> , 12, 4280-3	6.2	93
62	Class 1 PI3K Clinical Candidates and Recent Inhibitor Design Strategies: A Medicinal Chemistry Perspective. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 4815-4850	8.3	72
61	Efficient and regioselective one-pot synthesis of substituted 1,2,4-triazoles. <i>Organic Letters</i> , <b>2004</b> , 6, 2969-71	6.2	69
60	<i>Pseudomonas aeruginosa</i> Quorum Sensing Systems as Drug Discovery Targets: Current Position and Future Perspectives. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 10385-10402	8.3	52
59	Organocatalytic enantioselective one-pot four-component ugi-type multicomponent reaction for the synthesis of epoxy-tetrahydropyrrolo[3,4-b]pyridin-5-ones. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12624-7	4.8	44
58	Structure-driven HTL: design and synthesis of novel aminoindazole inhibitors of c-Jun N-terminal kinase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 3459-62	2.9	44
57	A synthesis of the C(1)-C(15) segment of tsukubaenolide (FK 506).. <i>Tetrahedron Letters</i> , <b>1988</b> , 29, 4481-4484	4.8	41
56	One-Pot Four-Component Reaction for the Generation of Pyrazoles and Pyrimidines. <i>Synlett</i> , <b>2008</b> , 2008, 100-104	2.2	39
55	Antitumour benzothiazoles. Part 32: DNA adducts and double strand breaks correlate with activity; synthesis of 5F203 hydrogels for local delivery. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 6891-9	3.4	35
54	Macrocyclic ring closures employing the Intramolecular Heck reaction. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 6555-6558	2	33
53	Chiral Phosphoric Acid-Catalyzed Enantioselective Three- Component Aza-Diels-Alder Reactions of Aminopyrroles and Aminopyrazoles. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 1719-1724	5.6	32
52	Molybdenum-mediated synthesis of quinazolin-4(3H)-ones via cyclocarbonylation using microwave irradiation. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 3793-3796	2	31
51	Modulators of CXCR4 and CXCR7/ACKR3 Function. <i>Molecular Pharmacology</i> , <b>2019</b> , 96, 737-752	4.3	30
50	Drug-like Antagonists of P2Y Receptors-From Lead Identification to Drug Development. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 9981-10005	8.3	28
49	In Silico and in Vitro-Guided Identification of Inhibitors of Alkylquinolone-Dependent Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Molecules</i> , <b>2018</b> , 23,	4.8	28
48	A Carbonyl Ylide Approach to Substituted Furans. <i>Synlett</i> , <b>2001</b> , 2001, 0646-0648	2.2	27

47	Lipophilic activated ester prodrug approach for drug delivery to the intestinal lymphatic system. <i>Journal of Controlled Release</i> , <b>2018</b> , 286, 10-19	11.7	26
46	A practical method for targeted library design balancing lead-like properties with diversity. <i>ChemMedChem</i> , <b>2009</b> , 4, 800-8	3.7	24
45	One-Pot, Three-Component Copper-Catalysed Click-Triazole Synthesis Utilising the Inexpensive, Shelf-Stable Diazotransfer Reagent Imidazole-1-sulfonyl Azide Hydrochloride. <i>Synlett</i> , <b>2009</b> , 2009, 1391-1394	3.3	22
44	A Synthesis of the C24-C34 Segment of FK 506. <i>Synlett</i> , <b>1990</b> , 1990, 38-39	2.2	22
43	Discovery of AZD3199, An Inhaled Ultralong Acting $\beta$ Receptor Agonist with Rapid Onset of Action. <i>ACS Medicinal Chemistry Letters</i> , <b>2014</b> , 5, 416-21	4.3	21
42	The discovery of MMP7 inhibitors exploiting a novel selectivity trigger. <i>ChemMedChem</i> , <b>2011</b> , 6, 769-73	3.7	21
41	Design driven HtL: The discovery and synthesis of new high efficacy $\beta$ agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 4027-31	2.9	19
40	A synthesis of the C16-C23 segment of FK-506. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 1637-1640	2	18
39	Design-driven LO: the discovery of new ultra long acting dibasic $\beta$ -adrenoceptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 4612-6	2.9	17
38	Synthesis of New DPP-4 Inhibitors Based on a Novel Tricyclic Scaffold. <i>ACS Medicinal Chemistry Letters</i> , <b>2015</b> , 6, 324-8	4.3	16
37	Synthesis and Evaluation of the First Fluorescent Antagonists of the Human P2Y Receptor Based on AR-C118925. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 3089-3113	8.3	16
36	From libraries to candidate: the discovery of new ultra long-acting dibasic $\beta$ -adrenoceptor agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 689-95	2.9	16
35	From UTP to AR-C118925, the discovery of a potent non nucleotide antagonist of the P2Y receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 4849-4853	2.9	15
34	The affinity of the excised binding domain of FK-506 for the immunophilin FKBP12.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 1947-1950	2.9	13
33	Hit Identification of New Potent PqsR Antagonists as Inhibitors of Quorum Sensing in Planktonic and Biofilm Grown. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 204	5	12
32	Synthesis of Novel 2,6-Diazaspiro[3.3]heptanes. <i>Synlett</i> , <b>2007</b> , 2007, 2584-2586	2.2	11
31	The discovery of new spirocyclic muscarinic M3 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 7458-61	2.9	10
30	Synthesis of the C16-C23 Effector Domain of FK-506 via Copper-Catalysed Metallate Rearrangement of an $\beta$ -Alkoxyalkenylcuprate. <i>Synthesis</i> , <b>1995</b> , 1995, 195-198	2.9	10

29	Ipratropium is 'luminally recycled' by an inter-play between apical uptake and efflux transporters in Calu-3 bronchial epithelial cell layers. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 532, 328-336	6.5	9
28	Linifanib--a multi-targeted receptor tyrosine kinase inhibitor and a low molecular weight gelator. <i>Chemical Communications</i> , <b>2015</b> , 51, 6384-7	5.8	9
27	Targeted delivery of lopinavir to HIV reservoirs in the mesenteric lymphatic system by lipophilic ester prodrug approach. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 1077-1089	11.7	9
26	A novel rearrangement reaction conversion of 3-(chloromethyl)azetidines to azetidine-3-carboxylic acid esters. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 4795-4798	2	8
25	Model-Based Drug Development in Pulmonary Delivery: Pharmacokinetic Analysis of Novel Drug Candidates for Treatment of Pseudomonas aeruginosa Lung Infection. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 630-640	3.9	8
24	Discovery of AZD-2098 and AZD-1678, Two Potent and Bioavailable CCR4 Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 981-986	4.3	7
23	Concise Synthesis of Novel 2,6-Diazaspiro[3.3]heptan-1-ones and Their Conversion into 2,6-Diazaspiro[3.3]heptanes. <i>Synlett</i> , <b>2007</b> , 2007, 2587-2589	2.2	7
22	Synthesis and evaluation of dual domain macrocyclic FKBP12 ligands.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1994</b> , 4, 2507-2510	2.9	7
21	Intramolecular cyclisation-N-dealkylation of azetidine-3-acetic acids. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 4799-4800	7	
20	Novel quinazolinone inhibitors of the Pseudomonas aeruginosa quorum sensing transcriptional regulator PqsR. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112778	6.8	7
19	Design and Elaboration of a Tractable Tricyclic Scaffold To Synthesize Druglike Inhibitors of Dipeptidyl Peptidase-4 (DPP-4), Antagonists of the C-C Chemokine Receptor Type 5 (CCR5), and Highly Potent and Selective Phosphoinositol-3 Kinase (PI3K) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 1534-1554	8.3	6
18	The small molecule drug discovery process [from target selection to candidate selection] <b>2013</b> , 81-126		6
17	Synthetic FKBP12 ligands. Design and synthesis of pyranose replacements.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1994</b> , 4, 2501-2506	2.9	6
16	Natural sesame oil is superior to pre-digested lipid formulations and purified triglycerides in promoting the intestinal lymphatic transport and systemic bioavailability of cannabidiol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 162, 43-49	5.7	6
15	The contribution to binding of the pyranoside substituents in the excised binding domain of FK-506. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1994</b> , 4, 1457-1460	2.9	5
14	Design and Evaluation of New Quinazolin-4(3)-one Derived PqsR Antagonists as Quorum Sensing Quenchers in. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 2666-2685	5.5	5
13	Development and validation of a cost-effective and sensitive bioanalytical HPLC-UV method for determination of lopinavir in rat and human plasma. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4934	1.7	3
12	Nucleoside-Based Self-Assembling Drugs for Localized Drug Delivery. <i>ChemMedChem</i> , <b>2018</b> , 13, 1098-1107	10.7	3

11	Model-Informed Drug Discovery and Development in Pulmonary Delivery: Biopharmaceutical Pharmacometric Modeling for Formulation Evaluation of Pulmonary Suspensions. <i>ACS Omega</i> , <b>2020</b> , 5, 25733-25746	3.9	3
10	Inclusion of Medium-Chain Triglyceride in Lipid-Based Formulation of Cannabidiol Facilitates Micellar Solubilization In Vitro, but In Vivo Performance Remains Superior with Pure Sesame Oil Vehicle. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
9	Self-Assembling Benzothiazole-Based Gelators: A Mechanistic Understanding of in Vitro Bioactivation and Gelation. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 1578-1586	5.6	2
8	Preparation and structural analysis of (⊕)-cis-ethyl 2-sulfanylidenedecahydro-1,6-naphthyridine-6-carboxylate and (⊖)-trans-ethyl 2-oxooctahydro-1H-pyrrolo[3,2-c]pyridine-5-carboxylate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2014</b> , 70, 1161-8	0.8	2
7	Synthesis of FK506-Cyclosporin hybrid macrocycles. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1995</b> , 5, 2341-2346	2.9	2
6	Is Oral Lipid-Based Delivery for Drug Targeting to the Brain Feasible?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2022</b> ,	5.7	1
5	Concurrent Reactive Oxygen Species Generation and Aneuploidy Induction Contribute to Thymoquinone Anticancer Activity. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
4	Oral administration of tipranavir with long-chain triglyceride results in moderate intestinal lymph targeting but no efficient delivery to HIV-1 reservoir in mesenteric lymph nodes. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 602, 120621	6.5	0
3	Codrug Approach for the Potential Treatment of EML4-ALK Positive Lung Cancer. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 316-321	4.3	0
2	Recent Progress in Research on the Immunosuppressant FK-506 <b>1990</b> , 131-165		
1	Lead Generation Approaches Delivering Inhaled $\beta$ -Adrenoreceptor Agonist Drug Candidates. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2016</b> , 575-596	0.4	