Michael J Stocks

List of Publications by Year
in descending order

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69 papers	1,730 citations	257101 24 h-index	301761 39 g-index
82 all docs	82 docs citations	82 times ranked	2341 citing authors

#	Article	IF	Citations
1	Antagonists of the P2X₇ Receptor. From Lead Identification to Drug Development. Journal of Medicinal Chemistry, 2009, 52, 3123-3141.	2.9	137
2	Class 1 PI3K Clinical Candidates and Recent Inhibitor Design Strategies: A Medicinal Chemistry Perspective. Journal of Medicinal Chemistry, 2019, 62, 4815-4850.	2.9	115
3	Pseudomonas aeruginosa Quorum Sensing Systems as Drug Discovery Targets: Current Position and Future Perspectives. Journal of Medicinal Chemistry, 2018, 61, 10385-10402.	2.9	104
4	Molybdenum-Mediated Carbonylation of Aryl Halides with Nucleophiles Using Microwave Irradiation. Organic Letters, 2010, 12, 4280-4283.	2.4	100
5	Efficient and Regiospecific One-Pot Synthesis of Substituted 1,2,4-Triazoles. Organic Letters, 2004, 6, 2969-2971.	2.4	72
6	Organocatalytic Enantioselective Oneâ€Pot Fourâ€Component Ugiâ€Type Multicomponent Reaction for the Synthesis of Epoxyâ€tetrahydropyrrolo[3,4â€b]pyridinâ€5â€ones. Chemistry - A European Journal, 2012, 18, 12624-12627.	1.7	51
7	A synthesis of the C(1)-C(15) segment of tsukubaenolide (FK 506).. Tetrahedron Letters, 1988, 29, 4481-4484.	0.7	49
8	Modulators of CXCR4 and CXCR7/ACKR3 Function. Molecular Pharmacology, 2019, 96, 737-752.	1.0	49
9	In Silico and in Vitro-Guided Identification of Inhibitors of Alkylquinolone-Dependent Quorum Sensing in Pseudomonas aeruginosa. Molecules, 2018, 23, 257.	1.7	47
10	Structure-driven HtL: Design and synthesis of novel aminoindazole inhibitors of c-Jun N-terminal kinase activity. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3459-3462.	1.0	46
11	One-Pot Four-Component Reaction for the Generation of Pyrazoles and Pyrimidines. Synlett, 2008, 2008, 100-104.	1.0	42
12	Lipophilic activated ester prodrug approach for drug delivery to the intestinal lymphatic system. Journal of Controlled Release, 2018, 286, 10-19.	4.8	41
13	Molybdenum-mediated synthesis of quinazolin-4(3H)-ones via cyclocarbonylation using microwave irradiation. Tetrahedron Letters, 2011, 52, 3793-3796.	0.7	40
14	Antitumour benzothiazoles. Part 32: DNA adducts and double strand breaks correlate with activity; synthesis of 5F203 hydrogels for local delivery. Bioorganic and Medicinal Chemistry, 2015, 23, 6891-6899.	1.4	39
15	Macrocyclic ring closures employing the Intramolecular Heck reaction. Tetrahedron Letters, 1995, 36, 6555-6558.	0.7	38
16	Chiral Phosphoric Acidâ€Catalyzed Enantioselective Threeâ€Component Azaâ€Dielsâ€“Alder Reactions of Aminopyrroles and Aminopyrazoles. Advanced Synthesis and Catalysis, 2014, 356, 1719-1724.	2.1	37
17	The Discovery of MMP7 Inhibitors Exploiting a Novel Selectivity Trigger. ChemMedChem, 2011, 6, 769-773.	1.6	34
18	Drug-like Antagonists of P2Y Receptorsâ€”From Lead Identification to Drug Development. Journal of Medicinal Chemistry, 2016, 59, 9981-10005.	2.9	34

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19	Novel quinazolinone inhibitors of the Pseudomonas aeruginosa quorum sensing transcriptional regulator PqsR. European Journal of Medicinal Chemistry, 2020, 208, 112778.	2.6	32
20	Hit Identification of New Potent PqsR Antagonists as Inhibitors of Quorum Sensing in Planktonic and Biofilm Grown Pseudomonas aeruginosa. Frontiers in Chemistry, 2020, 8, 204.	1.8	29
21	A Carbonyl Ylide Approach to Substituted Furans. Synlett, 2001, 2001, 0646-0648.	1.0	28
22	A Synthesis of the C24-C34 Segment of FK 506. Synlett, 1990, 1990, 38-39.	1.0	25
23	One-Pot, Three-Component Copper-Catalysed â€˜Clickâ€™ Triazole Synthesis Utilising the Inexpensive, Shelf-Stable Diazotransfer Reagent Imidazole-1-sulfonyl Azide Hydrochloride. Synlett, 2009, 2009, 1391-1394.	1.0	25
24	Targeted delivery of lopinavir to HIV reservoirs in the mesenteric lymphatic system by lipophilic ester prodrug approach. Journal of Controlled Release, 2021, 329, 1077-1089.	4.8	25
25	A synthesis of the C16-C23 segment of FK-506. Tetrahedron Letters, 1990, 31, 1637-1640.	0.7	24
26	A Practical Method for Targeted Library Design Balancing Leadâ€like Properties with Diversity. ChemMedChem, 2009, 4, 800-808.	1.6	24
27	Discovery of AZD3199, An Inhaled Ultralong Acting Î²₂ Receptor Agonist with Rapid Onset of Action. ACS Medicinal Chemistry Letters, 2014, 5, 416-421.	1.3	23
28	Design driven HtL: The discovery and synthesis of new high efficacy Î² 2 -agonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4027-4031.	1.0	22
29	From UTP to AR-C118925, the discovery of a potent non nucleotide antagonist of the P2Y2 receptor. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4849-4853.	1.0	22
30	Design and Evaluation of New Quinazolin-4(3H)-one Derived PqsR Antagonists as Quorum Sensing Quenchers in Pseudomonas aeruginosa. ACS Infectious Diseases, 2021, 7, 2666-2685.	1.8	22
31	The small molecule drug discovery process â€“ from target selection to candidate selection. , 2013, , 81-126.		21
32	Synthesis of New DPP-4 Inhibitors Based on a Novel Tricyclic Scaffold. ACS Medicinal Chemistry Letters, 2015, 6, 324-328.	1.3	21
33	Synthesis and Evaluation of the First Fluorescent Antagonists of the Human P2Y₂ Receptor Based on AR-C118925. Journal of Medicinal Chemistry, 2018, 61, 3089-3113.	2.9	21
34	Design-driven LO: The discovery of new ultra long acting dibasic Î²2-adrenoceptor agonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4612-4616.	1.0	19
35	Natural sesame oil is superior to pre-digested lipid formulations and purified triglycerides in promoting the intestinal lymphatic transport and systemic bioavailability of cannabidiol. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 162, 43-49.	2.0	19
36	From libraries to candidate: The discovery of new ultra long-acting dibasic Î²2-adrenoceptor agonists. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 689-695.	1.0	17

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37	Discovery of AZD-2098 and AZD-1678, Two Potent and Bioavailable CCR4 Receptor Antagonists. ACS Medicinal Chemistry Letters, 2017, 8, 981-986.	1.3	16
38	Model-Based Drug Development in Pulmonary Delivery: Pharmacokinetic Analysis of Novel Drug Candidates for Treatment of Pseudomonas aeruginosa Lung Infection. Journal of Pharmaceutical Sciences, 2019, 108, 630-640.	1.6	14
39	A novel rearrangement reaction conversion of 3-(chloromethyl)azetidin-2-ones to azetidine-3-carboxylic acid esters. Tetrahedron Letters, 1991, 32, 4795-4798.	0.7	13
40	The affinity of the excised binding domain of FK-506 for the immunophilin FKBP12.. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 1947-1950.	1.0	13
41	Synthesis of Novel 2,6-Diazaspiro[3.3]heptanes. Synlett, 2007, 2007, 2584-2586.	1.0	12
42	Linifanib â€“ a multi-targeted receptor tyrosine kinase inhibitor and a low molecular weight gelator. Chemical Communications, 2015, 51, 6384-6387.	2.2	12
43	Intramolecular cyclisation-N-dealkylation of azetidine-3-acetic acids. Tetrahedron Letters, 1991, 32, 4799-4800.	0.7	11
44	Synthesis of the C16-C23 Effector Domain of FK-506 via Copper-Catalysed Metallate Rearrangement of an Î±-Alkoxyalkenylcuprate. Synthesis, 1995, 1995, 195-198.	1.2	11
45	The discovery of new spirocyclic muscarinic M3 antagonists. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7458-7461.	1.0	11
46	Ipratropium is â€˜luminally recycledâ€™ by an inter-play between apical uptake and efflux transporters in Calu-3 bronchial epithelial cell layers. International Journal of Pharmaceutics, 2017, 532, 328-336.	2.6	11
47	Concurrent Reactive Oxygen Species Generation and Aneuploidy Induction Contribute to Thymoquinone Anticancer Activity. Molecules, 2021, 26, 5136.	1.7	10
48	Distribution of a highly lipophilic drug cannabidiol into different lymph nodes following oral administration in lipidic vehicle. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 174, 29-34.	2.0	10
49	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. Pharmaceutics, 2021, 13, 1349.	2.0	9
50	Concise Synthesis of Novel 2,6-Diazaspiro[3.3]heptan-1-ones and Their Conversion into 2,6-Diazaspiro[3.3]heptanes. Synlett, 2007, 2007, 2587-2589.	1.0	8
51	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. International Journal of Pharmaceutics, 2021, 602, 120621.	2.6	8
52	Is oral lipid-based delivery for drug targeting to the brain feasible?. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 112-122.	2.0	8
53	Synthesis and evaluation of dual domain macrocyclic FKBP12 ligands.. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 2507-2510.	1.0	7
54	Design and Elaboration of a Tractable Tricyclic Scaffold To Synthesize Druglike Inhibitors of Dipeptidyl Peptidase-4 (DPP-4), Antagonists of the Câ€“C Chemokine Receptor Type 5 (CCR5), and Highly Potent and Selective Phosphoinositol-3 Kinase Î´ (PI3KÎ´) Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 1534-1554.	2.9	7

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55	Synthetic FKBP12 ligands. Design and synthesis of pyranose replacements.. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 2501-2506.	1.0	6
56	Model-Informed Drug Discovery and Development in Pulmonary Delivery: Biopharmaceutical Pharmacometric Modeling for Formulation Evaluation of Pulmonary Suspensions. ACS Omega, 2020, 5, 25733-25746.	1.6	6
57	Development and validation of a costâ€effective and sensitive bioanalytical HPLCâ€UV method for determination of lopinavir in rat and human plasma. Biomedical Chromatography, 2020, 34, e4934.	0.8	6
58	The contribution to binding of the pyranoside substituents in the excised binding domain of FK-506. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1457-1460.	1.0	5
59	Nucleosideâ€Based Selfâ€Assembling Drugs for Localized Drug Delivery. ChemMedChem, 2018, 13, 1098-1101.	1.6	5
60	Synthesis of FK506-Cyclosporin hybrid macrocycles. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 2341-2346.	1.0	3
61	Self-Assembling Benzothiazole-Based Gelators: A Mechanistic Understanding of in Vitro Bioactivation and Gelation. Molecular Pharmaceutics, 2018, 15, 1578-1586.	2.3	3
62	Codrug Approach for the Potential Treatment of EML4-ALK Positive Lung Cancer. ACS Medicinal Chemistry Letters, 2020, 11, 316-321.	1.3	3
63	Preparation and structural analysis of (Â±)-cis-ethyl 2-sulfanylidenedecahydro-1,6-naphthyridine-6-carboxylate and (Â±)-trans-ethyl 2-oxooctahydro-1H-pyrrolo[3,2-c]pyridine-5-carboxylate. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1161-1168.	0.2	2
64	Design, Synthesis, and Evaluation of Lung-Retentive Prodrugs for Extending the Lung Tissue Retention of Inhaled Drugs. Journal of Medicinal Chemistry, 2022, 65, 9802-9818.	2.9	2
65	Synthesis of the C14-C28 Fragment of Tetronasin. Synthesis, 2005, 2005, 3219-3224.	1.2	1
66	Recent Progress in Research on the Immunosuppressant FK-506. , 1990, , 131-165.		0
67	Efficient and Regiospecific One-Pot Synthesis of Substituted 1,2,4-Triazoles.. ChemInform, 2004, 35, no.	0.1	0
68	Structure-Driven HtL: Design and Synthesis of Novel Aminoindazole Inhibitors of c-Jun N-Terminal Kinase Activity.. ChemInform, 2005, 36, no.	0.1	0
69	Assessing Lymphatic Uptake of Lipids Using Magnetic Resonance Imaging: A Feasibility Study in Healthy Human Volunteers with Potential Application for Tracking Lymph Node Delivery of Drugs and Formulation Excipients. Pharmaceutics, 2021, 13, 1343.	2.0	0