Scott A Wildman

List of Publications by Year
in descending order

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32 papers	2,189 citations	430442 18 h-index	414034 32 g-index
36 all docs	36 docs citations	36 times ranked	3443 citing authors

#	Article	IF	Citations
1	Prediction of Physicochemical Parameters by Atomic Contributions. Journal of Chemical Information and Computer Sciences, 1999, 39, 868-873.	2.8	977
2	The antimicrobial potential of Streptomyces from insect microbiomes. Nature Communications, 2019, 10, 516.	5.8	222
3	Structure-Based Drug Design and Optimization of Mannoside Bacterial FimH Antagonists. Journal of Medicinal Chemistry, 2010, 53, 4779-4792.	2.9	220
4	Machine Learning Consensus Scoring Improves Performance Across Targets in Structure-Based Virtual Screening. Journal of Chemical Information and Modeling, 2017, 57, 1579-1590.	2.5	84
5	Identification of a novel class of RIP1/RIP3 dual inhibitors that impede cell death and inflammation in mouse abdominal aortic aneurysm models. Cell Death and Disease, 2019, 10, 226.	2.7	69
6	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. Nature Communications, 2019, 10, 4015.	5.8	68
7	Optimizing Small Molecule Inhibitors of Calcium-Dependent Protein Kinase 1 to Prevent Infection by Toxoplasma gondii. Journal of Medicinal Chemistry, 2013, 56, 3068-3077.	2.9	64
8	Practical Model Selection for Prospective Virtual Screening. Journal of Chemical Information and Modeling, 2019, 59, 282-293.	2.5	46
9	Inhibitors of HGFA, Matriptase, and Hepsin Serine Proteases: A Nonkinase Strategy to Block Cell Signaling in Cancer. ACS Medicinal Chemistry Letters, 2014, 5, 1219-1224.	1.3	41
10	Predicting Kinase Selectivity Profiles Using Free-Wilson QSAR Analysis. Journal of Chemical Information and Modeling, 2008, 48, 1851-1867.	2.5	39
11	Î±â€Ketobenzothiazole Serine Protease Inhibitors of Aberrant HGF/câ€MET and MSP/RON Kinase Pathway Signaling in Cancer. ChemMedChem, 2016, 11, 585-599.	1.6	32
12	Structure-based discovery of small molecule hepsin and HGFA protease inhibitors: Evaluation of potency and selectivity derived from distinct binding pockets. Bioorganic and Medicinal Chemistry, 2015, 23, 2328-2343.	1.4	31
13	TRPV4 receptor as a functional sensory molecule in bladder urothelium: Stretchâ€independent, tissueâ€specific actions and pathological implications. FASEB Journal, 2020, 34, 263-286.	0.2	26
14	Identification of small molecule enzyme inhibitors as broad-spectrum anthelmintics. Scientific Reports, 2019, 9, 9085.	1.6	25
15	A High-Throughput Screening Strategy to Identify Inhibitors of SSB Proteinâ€“Protein Interactions in an Academic Screening Facility. SLAS Discovery, 2018, 23, 94-101.	1.4	23
16	Tumor-Specific Binding of Radiolabeled PEGylated GIRLRG Peptide: A Novel Agent for Targeting Cancers. Journal of Nuclear Medicine, 2016, 57, 1991-1997.	2.8	21
17	Drugâ€like Leads for Steric Discrimination between Substrate and Inhibitors of Human Acetylcholinesterase. Chemical Biology and Drug Design, 2011, 78, 495-504.	1.5	20
18	Identification of Small Molecule Inhibitors That Block the Toxoplasma gondii Rhoptry Kinase ROP18. ACS Infectious Diseases, 2016, 2, 194-206.	1.8	20

#	Article	IF	Citations
19	Identification of 4-Amino-Thieno[2,3- d]Pyrimidines as QcrB Inhibitors in Mycobacterium tuberculosis. MSphere, 2019, 4, .	1.3	19
20	Three-dimensional molecular descriptors and a novel QSAR method. Journal of Molecular Graphics and Modelling, 2002, 21, 161-170.	1.3	18
21	Small Molecule Inhibitors of Metabolic Enzymes Repurposed as a New Class of Anthelmintics. ACS Infectious Diseases, 2018, 4, 1130-1145.	1.8	18
22	Isoform-selective Inhibition of Facilitative Glucose Transporters. Journal of Biological Chemistry, 2014, 289, 16100-16113.	1.6	16
23	Validation of DAPPER for 3D QSAR:â€‰ Conformational Search and Chirality Metric. Journal of Chemical Information and Computer Sciences, 2003, 43, 629-636.	2.8	14
24	Evaluation of Ligand Overlap by Atomic Parameters. Journal of Chemical Information and Computer Sciences, 2001, 41, 446-450.	2.8	11
25	The Natural Product Dihydrotanshinone I Provides a Prototype for Uncharged Inhibitors That Bind Specifically to the Acetylcholinesterase Peripheral Site with Nanomolar Affinity. Biochemistry, 2013, 52, 7486-7499.	1.2	10
26	Approaches to Virtual Screening and Screening Library Selection. Current Pharmaceutical Design, 2013, 19, 4787-4796.	0.9	10
27	Predicting kinase inhibitors using bioactivity matrix derived informer sets. PLoS Computational Biology, 2019, 15, e1006813.	1.5	9
28	Piperidine carbamate peptidomimetic inhibitors of the serine proteases HGFA, matriptase and hepsin. MedChemComm, 2019, 10, 1646-1655.	3.5	8
29	Discovery and Mechanism of Small Molecule Inhibitors Selective for the Chromatin-Binding Domains of Oncogenic UHRF1. Biochemistry, 2022, 61, 354-366.	1.2	8
30	Characterization of parasite-specific indels and their proposed relevance for selective anthelminthic drug targeting. Infection, Genetics and Evolution, 2016, 39, 201-211.	1.0	7
31	High-throughput identification of putative receptors for cancer-binding peptides using biopanning and microarray analysis. Integrative Biology (United Kingdom), 2013, 5, 342-350.	0.6	6
32	Hopeahainol A binds reversibly at the acetylcholinesterase (AChE) peripheral site and inhibits enzyme activity with a novel higher order concentration dependence. Chemico-Biological Interactions, 2016, 259, 78-84.	1.7	5