Russell Dahl

List of Publications by Year
in descending order

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64 papers	2,950 citations	117453 34 h-index	168136 53 g-index
67 all docs	67 docs citations	67 times ranked	4627 citing authors

#	Article	IF	Citations
1	A new target for Alzheimerâ€™s disease: A small molecule SERCA activator is neuroprotective in vitro and improves memory and cognition in APP/PS1 mice. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1591-1594.	1.0	39
2	Small molecule SUMOylation activators are novel neuroprotective agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 405-409.	1.0	10
3	Discovery of 5-((5-chloro-2-methoxyphenyl)sulfonamido)nicotinamide (SBI-425), a potent and orally bioavailable tissue-nonspecific alkaline phosphatase (TNAP) inhibitor. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 31-34.	1.0	32
4	A new target for Parkinsonâ€™s disease: Small molecule SERCA activator CDN1163 ameliorates dyskinesia in 6-OHDA-lesioned rats. Bioorganic and Medicinal Chemistry, 2017, 25, 53-57.	1.4	39
5	Cytoprotective small molecule modulators of endoplasmic reticulum stress. Bioorganic and Medicinal Chemistry, 2016, 24, 2382-2388.	1.4	4
6	Small Molecular Allosteric Activator of the Sarco/Endoplasmic Reticulum Ca2+-ATPase (SERCA) Attenuates Diabetes and Metabolic Disorders. Journal of Biological Chemistry, 2016, 291, 5185-5198.	1.6	137
7	Small-molecule activation of SERCA2a SUMOylation for the treatment of heart failure. Nature Communications, 2015, 6, 7229.	5.8	102
8	Dual-Specificity Phosphatase 3 Deficiency or Inhibition Limits Platelet Activation and Arterial Thrombosis. Circulation, 2015, 131, 656-668.	1.6	42
9	Design, Synthesis and Bioevaluation of an EphA2 Receptorâ€Based Targeted Delivery System. ChemMedChem, 2014, 9, 1403-1412.	1.6	31
10	Discovery of Enzyme Modulators via High-Throughput Time-Resolved FRET in Living Cells. Journal of Biomolecular Screening, 2014, 19, 215-222.	2.6	88
11	Design, synthesis and evaluation of benzoisothiazolones as selective inhibitors of PHOSPHO1. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4308-4311.	1.0	22
12	Alamar blue reagent interacts with cell-culture media giving different fluorescence over time: Potential for false positives. Journal of Pharmacological and Toxicological Methods, 2014, 70, 195-198.	0.3	19
13	Identification of a selective inhibitor of murine intestinal alkaline phosphatase (ML260) by concurrent ultra-high throughput screening against human and mouse isozymes. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1000-1004.	1.0	6
14	Design and Synthesis of Systemically Active Metabotropic Glutamate Subtype-2 and -3 (mGlu_{2/3}) Receptor Positive Allosteric Modulators (PAMs): Pharmacological Characterization and Assessment in a Rat Model of Cocaine Dependence. Journal of Medicinal Chemistry, 2014, 57, 4154-4172.	2.9	36
15	Pharmacological inhibition of PHOSPHO1 suppresses vascular smooth muscle cell calcification. Journal of Bone and Mineral Research, 2013, 28, 81-91.	3.1	52
16	High-Throughput FRET Assay Yields Allosteric SERCA Activators. Journal of Biomolecular Screening, 2013, 18, 97-107.	2.6	74
17	High-Throughput Fluorescence Polarization Assay for Chemical Library Screening against Anti-Apoptotic Bcl-2 Family Member Bfl-1. Journal of Biomolecular Screening, 2012, 17, 350-360.	2.6	22
18	Endoplasmic reticulum protein BI-1 regulates Ca²⁺-mediated bioenergetics to promote autophagy. Genes and Development, 2012, 26, 1041-1054.	2.7	83

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19	Novel MT1-MMP Small-Molecule Inhibitors Based on Insights into Hemopexin Domain Function in Tumor Growth. Cancer Research, 2012, 72, 2339-2349.	0.4	122
20	Orally Active Metabotropic Glutamate Subtype 2 Receptor Positive Allosteric Modulators: Structureâ€“Activity Relationships and Assessment in a Rat Model of Nicotine Dependence. Journal of Medicinal Chemistry, 2012, 55, 9434-9445.	2.9	23
21	LYP inhibits T-cell activation when dissociated from CSK. Nature Chemical Biology, 2012, 8, 437-446.	3.9	118
22	Inhibition of Hematopoietic Protein Tyrosine Phosphatase Augments and Prolongs ERK1/2 and p38 Activation. ACS Chemical Biology, 2012, 7, 367-377.	1.6	31
23	Novel Targeted System To Deliver Chemotherapeutic Drugs to EphA2-Expressing Cancer Cells. Journal of Medicinal Chemistry, 2012, 55, 2427-2436.	2.9	79
24	A Gatekeeper Residue for NEDD8-Activating Enzyme Inhibition by MLN4924. Cell Reports, 2012, 1, 309-316.	2.9	75
25	Inhibition of Hematopoietic Protein Tyrosine Phosphatase Augments and Prolongs ERK1/2 and p38 Activation. FASEB Journal, 2012, 26, 766.12.	0.2	0
26	Potent, Selective, and Orally Available Benzoisothiazolone Phosphomannose Isomerase Inhibitors as Probes for Congenital Disorder of Glycosylation Ia. Journal of Medicinal Chemistry, 2011, 54, 3661-3668.	2.9	39
27	Design and Synthesis of an Orally Active Metabotropic Glutamate Receptor Subtype-2 (mGluR2) Positive Allosteric Modulator (PAM) That Decreases Cocaine Self-Administration in Rats. Journal of Medicinal Chemistry, 2011, 54, 342-353.	2.9	44
28	Discovery of a Novel Series of Inhibitors of Lymphoid Tyrosine Phosphatase with Activity in Human T Cells. Journal of Medicinal Chemistry, 2011, 54, 1640-1654.	2.9	46
29	Inhibition of the Hematopoietic Protein Tyrosine Phosphatase by Phenoxyacetic Acids. ACS Medicinal Chemistry Letters, 2011, 2, 113-118.	1.3	7
30	Design and NMR Studies of Cyclic Peptides Targeting the Nâ€Terminal Domain of the Protein Tyrosine Phosphatase YopH. Chemical Biology and Drug Design, 2011, 77, 12-19.	1.5	5
31	Recent Progress in the Synthesis and Characterization of Group II Metabotropic Glutamate Receptor Allosteric Modulators. ACS Chemical Neuroscience, 2011, 2, 382-393.	1.7	46
32	Design, synthesis, and structureâ€“activity relationship studies of thiophene-3-carboxamide derivatives as dual inhibitors of the c-Jun N-terminal kinase. Bioorganic and Medicinal Chemistry, 2011, 19, 2582-2588.	1.4	14
33	Phosphomannose isomerase inhibitors improve N-glycosylation in selected phosphomannomutase-deficient fibroblasts.. Journal of Biological Chemistry, 2011, 286, 43588.	1.6	0
34	An Optically Pure Apogossypolone Derivative as Potent Pan-Active Inhibitor of Anti-Apoptotic Bcl-2 Family Proteins. Frontiers in Oncology, 2011, 1, 28.	1.3	43
35	Phosphomannose Isomerase Inhibitors Improve N-Glycosylation in Selected Phosphomannomutase-deficient Fibroblasts. Journal of Biological Chemistry, 2011, 286, 39431-39438.	1.6	39
36	KR-003048, a potent, orally active inhibitor of p38 mitogen-activated protein kinase. European Journal of Pharmacology, 2010, 632, 93-102.	1.7	10

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37	Synthesis and optimization of thiadiazole derivatives as a novel class of substrate competitive c-Jun N-terminal kinase inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 590-596.	1.4	21
38	Optimization of Î±-ketoamide based p38 inhibitors through modifications to the region that binds to the allosteric site. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4819-4824.	1.0	20
39	Inhibition of Bfl-1 with N-aryl maleimides. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6560-6564.	1.0	24
40	Efficient Access to Aminomannoside Derivatives via Formal [2+2] Cycloaddition of Triazolinediones and Tri-O-acetyl-d-glucal. Synthesis, 2010, 2010, 2292-2296.	1.2	1
41	Fully Automated Continuous Flow Synthesis of Highly Functionalized Imidazo[1,2-a] Heterocycles. Organic Letters, 2010, 12, 412-415.	2.4	87
42	The mGluR2 Positive Allosteric Modulator BINA Decreases Cocaine Self-Administration and Cue-Induced Cocaine-Seeking and Counteracts Cocaine-Induced Enhancement of Brain Reward Function in Rats. Neuropsychopharmacology, 2010, 35, 2021-2036.	2.8	72
43	Synthesis and Biological Evaluation of Apogossypolone Derivatives as Pan-active Inhibitors of Antiapoptotic B-Cell Lymphoma/Leukemia-2 (Bcl-2) Family Proteins. Journal of Medicinal Chemistry, 2010, 53, 8000-8011.	2.9	34
44	BI-97C1, an Optically Pure Apogossypol Derivative as Pan-Active Inhibitor of Antiapoptotic B-Cell Lymphoma/Leukemia-2 (Bcl-2) Family Proteins. Journal of Medicinal Chemistry, 2010, 53, 4166-4176.	2.9	102
45	Chemical Biology Strategy Reveals Pathway-Selective Inhibitor of NF-ÎºB Activation Induced by Protein Kinase C. ACS Chemical Biology, 2010, 5, 287-299.	1.6	11
46	Design, Synthesis, and Structureâ^'Activity Relationships of 3-Ethynyl-1H-indazoles as Inhibitors of the Phosphatidylinositol 3-Kinase Signaling Pathway. Journal of Medicinal Chemistry, 2010, 53, 8368-8375.	2.9	27
47	In vivo antitumor effect of a novel inhibitor of protein geranylgeranyltransferase-I. Molecular Cancer Therapeutics, 2009, 8, 1218-1226.	1.9	72
48	Apogossypol derivatives as antagonists of antiapoptotic Bcl-2 family proteins. Molecular Cancer Therapeutics, 2009, 8, 904-913.	1.9	58
49	Apogossypol Derivatives as Pan-Active Inhibitors of Antiapoptotic B-Cell Lymphoma/Leukemia-2 (Bcl-2) Family Proteins. Journal of Medicinal Chemistry, 2009, 52, 4511-4523.	2.9	55
50	Discovery and Binding Studies on a Series of Novel Pin1 Ligands. Chemical Biology and Drug Design, 2009, 73, 369-379.	1.5	9
51	Discovery of 2-(5-nitrothiazol-2-ylthio)benzo[d]thiazoles as novel c-Jun N-terminal kinase inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 2712-2717.	1.4	23
52	Design, Synthesis, and Structureâ^'Activity Relationship of Substrate Competitive, Selective, and in Vivo Active Triazole and Thiadiazole Inhibitors of the c-Jun N-Terminal Kinase. Journal of Medicinal Chemistry, 2009, 52, 1943-1952.	2.9	71
53	Discovery and Validation of a Series of Aryl Sulfonamides as Selective Inhibitors of Tissue-Nonspecific Alkaline Phosphatase (TNAP). Journal of Medicinal Chemistry, 2009, 52, 6919-6925.	2.9	95
54	Anti-HIV-1 entry optimization of novel imidazopiperidine-tropane CCR5 antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1498-1501.	1.0	22

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55	The design and synthesis of novel Î±-ketoamide-based p38 MAP kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1772-1777.	1.0	20
56	â€˜Reverseâ€™ Î±-ketoamide-based p38 MAP kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5456-5459.	1.0	11
57	Determination of logâ€‰D via Automated Microfluidic Liquidâ€“Liquid Extraction. Journal of Medicinal Chemistry, 2008, 51, 5140-5142.	2.9	35
58	Rapid Multistep Synthesis of 1,2,4-Oxadiazoles in a Single Continuous Microreactor Sequence. Journal of Organic Chemistry, 2008, 73, 7219-7223.	1.7	73
59	Fragment-Based Design of Small Molecule X-Linked Inhibitor of Apoptosis Protein Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 7111-7118.	2.9	53
60	Small Molecules Can Selectively Inhibit Ephrin Binding to the EphA4 and EphA2 Receptors. Journal of Biological Chemistry, 2008, 283, 29461-29472.	1.6	123
61	HTS Identifies Novel and Specific Uncompetitive Inhibitors of the Two-Component NS2B-NS3 Proteinase of West Nile Virus. Assay and Drug Development Technologies, 2007, 5, 737-750.	0.6	95
62	Preclinical Studies of Celastrol and Acetyl Isogambogic Acid in Melanoma. Clinical Cancer Research, 2007, 13, 6769-6778.	3.2	89
63	A Surprising Dipolar Cycloaddition Provides Ready Access to Aminoglycosides. Journal of the American Chemical Society, 2004, 126, 8356-8357.	6.6	63
64	Stereo- and regiospecific formation of a highly functionalized bridgehead tricyclic sultam. Tetrahedron Letters, 2002, 43, 4407-4409.	0.7	4