

Ajit Jadhav

List of Publications by Year in descending order

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155
papers

13,877
citations

25014

57
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23514

111
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163
all docs

163
docs citations

163
times ranked

21490
citing authors

#	ARTICLE	IF	CITATIONS
1	NCATS Inxight Drugs: a comprehensive and curated portal for translational research. <i>Nucleic Acids Research</i> , 2022, 50, D1307-D1316.	6.5	16
2	A platform of assays for the discovery of anti-Zika small-molecules with activity in a 3D-bioprinted outer-blood-retina model. <i>PLoS ONE</i> , 2022, 17, e0261821.	1.1	6
3	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8303-8331.	2.9	4
4	A quantitative high-throughput screen identifies compounds that lower expression of the SCA2-and ALS-associated gene ATXN2. <i>Journal of Biological Chemistry</i> , 2022, 298, 102228.	1.6	1
5	Discovery and Optimization of 2-Hydroxy-2-Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4913-4946.	2.9	12
6	FEN1 Blockade for Platinum Chemo-Sensitization and Synthetic Lethality in Epithelial Ovarian Cancers. <i>Cancers</i> , 2021, 13, 1866.	1.7	12
7	A target-agnostic screen identifies approved drugs to stabilize the endoplasmic reticulum-resident proteome. <i>Cell Reports</i> , 2021, 35, 109040.	2.9	18
8	Optimization of ether and aniline based inhibitors of lactate dehydrogenase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 41, 127974.	1.0	2
9	Identification of Small Molecule Inhibitors of a Mir155 Transcriptional Reporter in Th17 Cells. <i>Scientific Reports</i> , 2021, 11, 11498.	1.6	2
10	Kinetic and structural investigations of novel inhibitors of human epithelial 15-lipoxygenase-2. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116349.	1.4	15
11	The AKT modulator A-443654 reduces α -synuclein expression and normalizes ER stress and autophagy. <i>Journal of Biological Chemistry</i> , 2021, 297, 101191.	1.6	7
12	Chemoprotective antimalarials identified through quantitative high-throughput screening of Plasmodium blood and liver stage parasites. <i>Scientific Reports</i> , 2021, 11, 2121.	1.6	14
13	Identification of Activators of Human Fumarate Hydratase by Quantitative High-Throughput Screening. <i>SLAS Discovery</i> , 2020, 25, 43-56.	1.4	2
14	A Comparative Study of Target Engagement Assays for HDAC1 Inhibitor Profiling. <i>SLAS Discovery</i> , 2020, 25, 253-264.	1.4	9
15	Therapeutic candidates for the Zika virus identified by a high-throughput screen for Zika protease inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31365-31375.	3.3	27
16	Pyrazole-Based Lactate Dehydrogenase Inhibitors with Optimized Cell Activity and Pharmacokinetic Properties. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10984-11011.	2.9	30
17	Optimization of High-Throughput Methyltransferase Assays for the Discovery of Small Molecule Inhibitors. <i>ACS Combinatorial Science</i> , 2020, 22, 422-432.	3.8	14
18	A high-throughput screening platform for Polycystic Kidney Disease (PKD) drug repurposing utilizing murine and human ADPKD cells. <i>Scientific Reports</i> , 2020, 10, 4203.	1.6	19

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19	Endonuclease FEN1 Coregulates ER α Activity and Provides a Novel Drug Interface in Tamoxifen-Resistant Breast Cancer. <i>Cancer Research</i> , 2020, 80, 1914-1926.	0.4	23
20	Anxiolytic Drug FGIN-1-27 Ameliorates Autoimmunity by Metabolic Reprogramming of Pathogenic Th17 Cells. <i>Scientific Reports</i> , 2020, 10, 3766.	1.6	10
21	Characterization of Lead Compounds Targeting the Selenoprotein Thioredoxin Glutathione Reductase for Treatment of Schistosomiasis. <i>ACS Infectious Diseases</i> , 2020, 6, 393-405.	1.8	24
22	Identification of Small Molecule Enhancers of Immunotherapy for Melanoma. <i>Scientific Reports</i> , 2020, 10, 5688.	1.6	7
23	Dynamic Imaging of LDH Inhibition in Tumors Reveals Rapid In Vivo Metabolic Rewiring and Vulnerability to Combination Therapy. <i>Cell Reports</i> , 2020, 30, 1798-1810.e4.	2.9	73
24	A novel P300 inhibitor reverses DUX4-mediated global histone H3 hyperacetylation, target gene expression, and cell death. <i>Science Advances</i> , 2019, 5, eaaw7781.	4.7	47
25	The NCATS BioPlanet $\text{\textcircled{R}}$ An Integrated Platform for Exploring the Universe of Cellular Signaling Pathways for Toxicology, Systems Biology, and Chemical Genomics. <i>Frontiers in Pharmacology</i> , 2019, 10, 445.	1.6	179
26	Lead optimization and efficacy evaluation of quinazoline-based BET family inhibitors for potential treatment of cancer and inflammatory diseases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1220-1226.	1.0	10
27	A high-throughput screen to identify novel small molecule inhibitors of the Werner Syndrome Helicase-Nuclease (WRN). <i>PLoS ONE</i> , 2019, 14, e0210525.	1.1	24
28	Unexplored therapeutic opportunities in the human genome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 317-332.	21.5	263
29	Irreversible inhibition of cytosolic thioredoxin reductase 1 as a mechanistic basis for anticancer therapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	147
30	Chemical Control of a CRISPR-Cas9 Acetyltransferase. <i>ACS Chemical Biology</i> , 2018, 13, 455-460.	1.6	29
31	Insights into the Action of Inhibitor Enantiomers against Histone Lysine Demethylase 5A. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3193-3208.	2.9	9
32	Quantitative high-throughput screening identifies cytoprotective molecules that enhance SUMO conjugation via the inhibition of SUMO-specific protease (SEN)2. <i>FASEB Journal</i> , 2018, 32, 1677-1691.	0.2	29
33	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	5.3	32
34	Structure-Based Engineering of Irreversible Inhibitors against Histone Lysine Demethylase KDM5A. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10588-10601.	2.9	28
35	Discovery and lead identification of quinazoline-based BRD4 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3483-3488.	1.0	12
36	Fragment-Based Discovery of a Regulatory Site in Thioredoxin Glutathione Reductase Acting as a "Doorstop" for NADPH Entry. <i>ACS Chemical Biology</i> , 2018, 13, 2190-2202.	1.6	25

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37	Discovery of Orally Bioavailable, Quinoline-Based Aldehyde Dehydrogenase 1A1 (ALDH1A1) Inhibitors with Potent Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4883-4903.	2.9	61
38	High-throughput screening with nucleosome substrate identifies small-molecule inhibitors of the human histone lysine methyltransferase NSD2. <i>Journal of Biological Chemistry</i> , 2018, 293, 13750-13765.	1.6	46
39	KDM5 histone demethylases repress immune response via suppression of STING. <i>PLoS Biology</i> , 2018, 16, e2006134.	2.6	106
40	Quantitative high-throughput phenotypic screening of pediatric cancer cell lines identifies multiple opportunities for drug repurposing. <i>Oncotarget</i> , 2018, 9, 4758-4772.	0.8	10
41	Molecular basis for activation of lecithin:cholesterol acyltransferase by a compound that increases HDL cholesterol. <i>ELife</i> , 2018, 7, .	2.8	37
42	Pharos: Collating protein information to shed light on the druggable genome. <i>Nucleic Acids Research</i> , 2017, 45, D995-D1002.	6.5	271
43	Lecithin:Cholesterol Acyltransferase Activation by Sulfhydryl-Reactive Small Molecules: Role of Cysteine-31. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 306-318.	1.3	34
44	Varied Role of Ubiquitylation in Generating MHC Class I Peptide Ligands. <i>Journal of Immunology</i> , 2017, 198, 3835-3845.	0.4	38
45	Highly predictive and interpretable models for PAMPA permeability. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1266-1276.	1.4	70
46	Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. <i>Scientific Reports</i> , 2017, 7, 12758.	1.6	59
47	Cell Lysate-Based AlphaLISA Deubiquitinase Assay Platform for Identification of Small Molecule Inhibitors. <i>ACS Chemical Biology</i> , 2017, 12, 2399-2407.	1.6	8
48	Parallel Chemistry Approach to Identify Novel Nuclear Receptor Ligands Based on the GW0742 Scaffold. <i>ACS Combinatorial Science</i> , 2017, 19, 646-656.	3.8	3
49	First Selective 12-LOX Inhibitor, ML355, Impairs Thrombus Formation and Vessel Occlusion In Vivo With Minimal Effects on Hemostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1828-1839.	1.1	76
50	Discovery and Optimization of Potent, Cell-Active Pyrazole-Based Inhibitors of Lactate Dehydrogenase (LDH). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9184-9204.	2.9	98
51	Connecting Neuronal Cell Protective Pathways and Drug Combinations in a Huntington's Disease Model through the Application of Quantitative Systems Pharmacology. <i>Scientific Reports</i> , 2017, 7, 17803.	1.6	22
52	A High-Content Assay Enables the Automated Screening and Identification of Small Molecules with Specific ALDH1A1-Inhibitory Activity. <i>PLoS ONE</i> , 2017, 12, e0170937.	1.1	25
53	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016, 12, e1005763.	2.1	244
54	A High-Throughput Screen Identifies 2,9-Diazaspiro[5.5]Undecanes as Inducers of the Endoplasmic Reticulum Stress Response with Cytotoxic Activity in 3D Glioma Cell Models. <i>PLoS ONE</i> , 2016, 11, e0161486.	1.1	9

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55	Kinetic, Mutational, and Structural Studies of the Venezuelan Equine Encephalitis Virus Nonstructural Protein 2 Cysteine Protease. <i>Biochemistry</i> , 2016, 55, 3007-3019.	1.2	25
56	Large-Scale Screening and Identification of Novel Ebola Virus and Marburg Virus Entry Inhibitors. Antimicrobial Agents and Chemotherapy, 2016, 60, 4471-4481.	1.4	52
57	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
58	A high-throughput small molecule screen identifies synergism between DNA methylation and Aurora kinase pathways for X reactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14366-14371.	3.3	25
59	Structural Basis for KDM5A Histone Lysine Demethylase Inhibition by Diverse Compounds. <i>Cell Chemical Biology</i> , 2016, 23, 769-781.	2.5	80
60	Inhibitors of the apurinic/apyrimidinic endonuclease 1 (APE1)/nucleophosmin (NPM1) interaction that display anti-tumor properties. <i>Molecular Carcinogenesis</i> , 2016, 55, 688-704.	1.3	56
61	AlphaScreen-Based Assays: Ultra-High-Throughput Screening for Small-Molecule Inhibitors of Challenging Enzymes and Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2016, 1439, 77-98.	0.4	96
62	Fluorescence polarization assays in high-throughput screening and drug discovery: a review. <i>Methods and Applications in Fluorescence</i> , 2016, 4, 022001.	1.1	145
63	Biochemical and Cellular Characterization and Inhibitor Discovery of <i>Pseudomonas aeruginosa</i> 15-Lipoxygenase. <i>Biochemistry</i> , 2016, 55, 3329-3340.	1.2	39
64	A potent and selective inhibitor targeting human and murine 12/15-LOX. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1183-1190.	1.4	15
65	Microfluidic Mobility Shift Profiling of Lysine Acetyltransferases Enables Screening and Mechanistic Analysis of Cellular Acetylation Inhibitors. <i>ACS Chemical Biology</i> , 2016, 11, 734-741.	1.6	18
66	Discovery of a Novel General Anesthetic Chemotype Using High-throughput Screening. <i>Anesthesiology</i> , 2015, 122, 325-333.	1.3	17
67	Novel Phenotypic Outcomes Identified for a Public Collection of Approved Drugs from a Publicly Accessible Panel of Assays. <i>PLoS ONE</i> , 2015, 10, e0130796.	1.1	18
68	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. <i>Cell</i> , 2015, 161, 1252-1265.	13.5	135
69	Quantitative high throughput screening using a primary human three-dimensional organotypic culture predicts in vivo efficacy. <i>Nature Communications</i> , 2015, 6, 6220.	5.8	168
70	Discovery of NCT-501, a Potent and Selective Theophylline-Based Inhibitor of Aldehyde Dehydrogenase 1A1 (ALDH1A1). <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5967-5978.	2.9	52
71	Selective inhibition of 12-lipoxygenase protects islets and beta cells from inflammatory cytokine-mediated beta cell dysfunction. <i>Diabetologia</i> , 2015, 58, 549-557.	2.9	27
72	Drug-based modulation of endogenous stem cells promotes functional remyelination in vivo. <i>Nature</i> , 2015, 522, 216-220.	13.7	336

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73	KDM4/JMJD2 Histone Demethylase Inhibitors Block Prostate Tumor Growth by Suppressing the Expression of AR and BMYB-Regulated Genes. <i>Chemistry and Biology</i> , 2015, 22, 1185-1196.	6.2	66
74	High-throughput combinatorial screening identifies drugs that cooperate with ibrutinib to kill activated B-cell-like diffuse large B-cell lymphoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2349-2354.	3.3	355
75	A fluorescence-based high throughput assay for the determination of small molecule-human serum albumin protein binding. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1867-1875.	1.9	27
76	Potent and Selective Inhibitors of Human Reticulocyte 12/15-Lipoxygenase as Anti-Stroke Therapies. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4035-4048.	2.9	79
77	Synthesis and Structure-Activity Relationship Studies of 4-((2-Hydroxy-3-methoxybenzyl)amino)benzenesulfonamide Derivatives as Potent and Selective Inhibitors of 12-Lipoxygenase. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 495-506.	2.9	67
78	Suppression of the FOXM1 transcriptional programme via novel small molecule inhibition. <i>Nature Communications</i> , 2014, 5, 5165.	5.8	167
79	Covalent Small Molecule Inhibitors of Ca ²⁺ -Bound S100B. <i>Biochemistry</i> , 2014, 53, 6628-6640.	1.2	35
80	Synthesis and Structure-Activity Relationship Studies of <i>N</i> -Benzyl-2-phenylpyrimidin-4-amine Derivatives as Potent USP1/UAF1 Deubiquitinase Inhibitors with Anticancer Activity against Nonsmall Cell Lung Cancer. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8099-8110.	2.9	49
81	Biochemical Assays for the Discovery of TDP1 Inhibitors. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2116-2126.	1.9	18
82	4-(3-Chloro-5-(trifluoromethyl)pyridin-2-yl)- <i>N</i> -(4-methoxypyridin-2-yl)piperazine-1-carbothioamide (ML267), a Potent Inhibitor of Bacterial Phosphopantetheinyl Transferase That Attenuates Secondary Metabolism and Thwarts Bacterial Growth. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1063-1078.	2.9	39
83	A selective USP1-UAF1 inhibitor links deubiquitination to DNA damage responses. <i>Nature Chemical Biology</i> , 2014, 10, 298-304.	3.9	211
84	Structural insight into exosite binding and discovery of novel exosite inhibitors of botulinum neurotoxin serotype A through in silico screening. <i>Journal of Computer-Aided Molecular Design</i> , 2014, 28, 765-778.	1.3	14
85	Structure-activity relationship studies and biological characterization of human NAD ⁺ -dependent 15-hydroxyprostaglandin dehydrogenase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 630-635.	1.0	13
86	Identification of novel PARP inhibitors using a cell-based TDP1 inhibitory assay in a quantitative high-throughput screening platform. <i>DNA Repair</i> , 2014, 21, 177-182.	1.3	21
87	Genomic and protein expression analysis reveals flap endonuclease 1 (FEN1) as a key biomarker in breast and ovarian cancer. <i>Molecular Oncology</i> , 2014, 8, 1326-1338.	2.1	109
88	Platelet 12-LOX is essential for Fc β RIIa-mediated platelet activation. <i>Blood</i> , 2014, 124, 2271-2279.	0.6	81
89	A High-Throughput Assay for Small Molecule Destabilizers of the KRAS Oncoprotein. <i>PLoS ONE</i> , 2014, 9, e103836.	1.1	18
90	A High Throughput Screen Identifies Potent and Selective Inhibitors to Human Epithelial 15-Lipoxygenase-2. <i>PLoS ONE</i> , 2014, 9, e104094.	1.1	18

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91	Targeting human apurinic/apyrimidinic endonuclease 1 (APE1) in phosphatase and tensin homolog (PTEN) deficient melanoma cells for personalized therapy. <i>Oncotarget</i> , 2014, 5, 3273-3286.	0.8	47
92	A Small Molecule Inhibitor of the BLM Helicase Modulates Chromosome Stability in Human Cells. <i>Chemistry and Biology</i> , 2013, 20, 55-62.	6.2	128
93	Disrupting malaria parasite AMA1-RON2 interaction with a small molecule prevents erythrocyte invasion. <i>Nature Communications</i> , 2013, 4, 2261.	5.8	87
94	Synthesis and SAR studies of 5-(pyridin-4-yl)-1,3,4-thiadiazol-2-amine derivatives as potent inhibitors of Bloom helicase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5660-5666.	1.0	28
95	Are hERG channel blockers also phospholipidosis inducers?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4587-4590.	1.0	40
96	3-Substituted Indole Inhibitors Against Francisella tularensis FabI Identified by Structure-Based Virtual Screening. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5275-5287.	2.9	16
97	Targeting the JMJD2 Histone Demethylases to Epigenetically Control Herpesvirus Infection and Reactivation from Latency. <i>Science Translational Medicine</i> , 2013, 5, 167ra5.	5.8	92
98	High-Throughput Identification of Promiscuous Inhibitors from Screening Libraries with the Use of a Thiol-Containing Fluorescent Probe. <i>Journal of Biomolecular Screening</i> , 2013, 18, 705-713.	2.6	24
99	Peroxisome Proliferation-Activated Receptor γ Agonist GW0742 Interacts Weakly with Multiple Nuclear Receptors, Including the Vitamin D Receptor. <i>Biochemistry</i> , 2013, 52, 4193-4203.	1.2	25
100	High-Throughput Screen Identifies Cyclic Nucleotide Analogs That Inhibit Prostatic Acid Phosphatase. <i>Journal of Biomolecular Screening</i> , 2013, 18, 481-489.	2.6	3
101	12-lipoxygenase activity plays an important role in PAR4 and GPVI-mediated platelet reactivity. <i>Thrombosis and Haemostasis</i> , 2013, 110, 569-581.	1.8	54
102	Inhibition of DNA Glycosylases via Small Molecule Purine Analogs. <i>PLoS ONE</i> , 2013, 8, e81667.	1.1	35
103	Discovery of a Novel Dual Fungal CYP51/Human 5-Lipoxygenase Inhibitor: Implications for Anti-Fungal Therapy. <i>PLoS ONE</i> , 2013, 8, e65928.	1.1	17
104	High-Throughput 1,536-Well Fluorescence Polarization Assays for β -1-Acid Glycoprotein and Human Serum Albumin Binding. <i>PLoS ONE</i> , 2012, 7, e45594.	1.1	21
105	Protein Kinase C Regulation of 12-Lipoxygenase-Mediated Human Platelet Activation. <i>Molecular Pharmacology</i> , 2012, 81, 420-430.	1.0	38
106	Oxadiazole 2-oxides are toxic to the human hookworm, <i>Ancylostoma ceylanicum</i> , however glutathione reductase is not the primary target. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2012, 2, 171-177.	1.4	9
107	A furoxan-amodiaquine hybrid as a potential therapeutic for three parasitic diseases. <i>MedChemComm</i> , 2012, 3, 1505.	3.5	21
108	Synthesis, Biological Evaluation, and Structure-Activity Relationships of a Novel Class of Apurinic/Apyrimidinic Endonuclease 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3101-3112.	2.9	99

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109	Integration of pro-inflammatory cytokines, 12-lipoxygenase and NOX-1 in pancreatic islet beta cell dysfunction. <i>Molecular and Cellular Endocrinology</i> , 2012, 358, 88-95.	1.6	103
110	Dealing with the Data Deluge: Handling the Multitude of Chemical Biology Data Sources. <i>Current Protocols in Chemical Biology</i> , 2012, 4, 193-209.	1.7	3
111	A Comprehensive Strategy to Discover Inhibitors of the Translesion Synthesis DNA Polymerase β . <i>PLoS ONE</i> , 2012, 7, e45032.	1.1	32
112	Diverse Small Molecule Inhibitors of Human Apurinic/Apyrimidinic Endonuclease APE1 Identified from a Screen of a Large Public Collection. <i>PLoS ONE</i> , 2012, 7, e47974.	1.1	28
113	Discovery of Potent and Selective Inhibitors of Human Platelet-Type 12- Lipoxygenase. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5485-5497.	2.9	59
114	Inhibition of thioredoxin reductase 1 by porphyrins and other small molecules identified by a high-throughput screening assay. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1114-1123.	1.3	34
115	Selective and Cell-Active Inhibitors of the USP1/ UAF1 Deubiquitinase Complex Reverse Cisplatin Resistance in Non-small Cell Lung Cancer Cells. <i>Chemistry and Biology</i> , 2011, 18, 1390-1400.	6.2	183
116	Exploratory analysis of kinetic solubility measurements of a small molecule library. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4127-4134.	1.4	27
117	The NCGC Pharmaceutical Collection: A Comprehensive Resource of Clinically Approved Drugs Enabling Repurposing and Chemical Genomics. <i>Science Translational Medicine</i> , 2011, 3, 80ps16.	5.8	359
118	A Highly Potent and Selective Caspase-1 Inhibitor that Utilizes a Key 3-Cyanopropanoic Acid Moiety. <i>ChemMedChem</i> , 2010, 5, 730-738.	1.6	62
119	Inside Cover: A Highly Potent and Selective Caspase-1 Inhibitor that Utilizes a Key 3-Cyanopropanoic Acid Moiety (ChemMedChem 5/2010). <i>ChemMedChem</i> , 2010, 5, 634-634.	1.6	0
120	Quantitative High-Throughput Screening Identifies 8-Hydroxyquinolines as Cell-Active Histone Demethylase Inhibitors. <i>PLoS ONE</i> , 2010, 5, e15535.	1.1	194
121	High-Affinity Inhibitors of Human NAD ⁺ -Dependent 15-Hydroxyprostaglandin Dehydrogenase: Mechanisms of Inhibition and Structure-Activity Relationships. <i>PLoS ONE</i> , 2010, 5, e13719.	1.1	26
122	Identification and Optimization of Inhibitors of Trypanosomal Cysteine Proteases: Cruzain, Rhodesain, and TbCatB. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 52-60.	2.9	103
123	Quantitative Analyses of Aggregation, Autofluorescence, and Reactivity Artifacts in a Screen for Inhibitors of a Thiol Protease. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 37-51.	2.9	213
124	Complementarity Between a Docking and a High-Throughput Screen in Discovering New Cruzain Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4891-4905.	2.9	199
125	Protein Lysine Methyltransferase G9a Inhibitors: Design, Synthesis, and Structure Activity Relationships of 2,4-Diamino-7-aminoalkoxy-quinazolines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5844-5857.	2.9	177
126	Discovery of Potent and Selective Inhibitors of Human Reticulocyte 15-Lipoxygenase-1. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7392-7404.	2.9	66

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127	A strategy to discover inhibitors of <i>Bacillus subtilis</i> surfactin-type phosphopantetheinyl transferase. <i>Molecular BioSystems</i> , 2010, 6, 365-375.	2.9	30
128	A miniaturized screen for inhibitors of Jumonji histone demethylases. <i>Molecular BioSystems</i> , 2010, 6, 357-364.	2.9	84
129	Preparation of FRET reporters to support chemical probe development. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4601.	1.5	19
130	A Grid Algorithm for High Throughput Fitting of Dose-Response Curve Data. <i>Current Chemical Genomics</i> , 2010, 4, 57-66.	2.0	105
131	Identification and Characterization of Inhibitors of Human Apurinic/aprimidinic Endonuclease APE1. <i>PLoS ONE</i> , 2009, 4, e5740.	1.1	100
132	The Pilot Phase of the NIH Chemical Genomics Center. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1181-1193.	1.0	28
133	Weighted Feature Significance: A Simple, Interpretable Model of Compound Toxicity Based on the Statistical Enrichment of Structural Features. <i>Toxicological Sciences</i> , 2009, 112, 385-393.	1.4	33
134	Identification of phosphotyrosine mimetic inhibitors of human tyrosyl-DNA phosphodiesterase I by a novel AlphaScreen high-throughput assay. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 240-248.	1.9	73
135	Discovery of a 2,4-Diamino-7-aminoalkoxyquinazoline as a Potent and Selective Inhibitor of Histone Lysine Methyltransferase G9a. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7950-7953.	2.9	206
136	Structure Mechanism Insights and the Role of Nitric Oxide Donation Guide the Development of Oxadiazole-2-Oxides as Therapeutic Agents against Schistosomiasis. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6474-6483.	2.9	74
137	A quantitative high-throughput screen for modulators of IL-6 signaling: a model for interrogating biological networks using chemical libraries. <i>Molecular BioSystems</i> , 2009, 5, 1039.	2.9	14
138	A High-Throughput Approach for Identification of Novel General Anesthetics. <i>PLoS ONE</i> , 2009, 4, e7150.	1.1	18
139	Dual-fluorophore quantitative high-throughput screen for inhibitors of BRCTâ€“phosphoprotein interaction. <i>Analytical Biochemistry</i> , 2008, 375, 60-70.	1.1	47
140	A quantitative high-throughput screen identifies potential epigenetic modulators of gene expression. <i>Analytical Biochemistry</i> , 2008, 375, 237-248.	1.1	35
141	A Robotic Platform for Quantitative High-Throughput Screening. <i>Assay and Drug Development Technologies</i> , 2008, 6, 637-657.	0.6	126
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