

Stuart L Schreiber

List of Publications by Year in descending order

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Version: 2024-02-01

281
papers

58,767
citations

2832

97
h-index

1256

232
g-index

341
all docs

341
docs citations

341
times ranked

63851
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallization-Based Synthetic Route to Antimalarial Agent BRD5018: Diazocene Ring Formation via a Staudinger-aza-Wittig Reaction on an Azetidine-Ribose Template. <i>Organic Process Research and Development</i> , 2022, 26, 817-831.	1.3	5
2	PALP: A rapid imaging technique for stratifying ferroptosis sensitivity in normal and tumor tissues in situ. <i>Cell Chemical Biology</i> , 2022, 29, 157-170.e6.	2.5	17
3	Bicyclic azetidines target acute and chronic stages of <i>Toxoplasma gondii</i> by inhibiting parasite phenylalanyl t-RNA synthetase. <i>Nature Communications</i> , 2022, 13, 459.	5.8	7
4	Persister cancer cells: Iron addiction and vulnerability to ferroptosis. <i>Molecular Cell</i> , 2022, 82, 728-740.	4.5	92
5	Modular Synthesis of Cyclopropane-Fused Heterocycles Enabled by Underexplored Diazo Reagents. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
6	Inhibition of <i>Plasmodium falciparum</i> phenylalanine tRNA synthetase provides opportunity for antimalarial drug development. <i>Structure</i> , 2022, 30, 962-972.e3.	1.6	4
7	Synthesis of skeletally diverse β -lactam haptens for the <i>in vitro</i> diagnosis of IgE-mediated drug allergy. <i>Chemical Communications</i> , 2022, 58, 5964-5967.	2.2	2
8	Stereochemical diversity as a source of discovery in chemical biology. <i>Current Research in Chemical Biology</i> , 2022, 2, 100028.	1.4	21
9	Crystal structures of the selenoprotein glutathione peroxidase 4 in its apo form and in complex with the covalently bound inhibitor ML162. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 237-248.	1.1	56
10	Targeted brachyury degradation disrupts a highly specific autoregulatory program controlling chordoma cell identity. <i>Cell Reports Medicine</i> , 2021, 2, 100188.	3.3	15
11	An expanded universe of cancer targets. <i>Cell</i> , 2021, 184, 1142-1155.	13.5	135
12	Cell-specific transcriptional control of mitochondrial metabolism by TIF1 ³ drives erythropoiesis. <i>Science</i> , 2021, 372, 716-721.	6.0	25
13	The Use of Informer Sets in Screening: Perspectives on an Efficient Strategy to Identify New Probes. <i>SLAS Discovery</i> , 2021, 26, 855-861.	1.4	8
14	Novel quaternary structures of the human prion protein globular domain. <i>Biochimie</i> , 2021, 191, 118-125.	1.3	4
15	The Rise of Molecular Glues. <i>Cell</i> , 2021, 184, 3-9.	13.5	252
16	Structural basis of malaria parasite phenylalanine tRNA-synthetase inhibition by bicyclic azetidines. <i>Nature Communications</i> , 2021, 12, 343.	5.8	19
17	Computational repurposing of therapeutic small molecules from cancer to pulmonary hypertension. <i>Science Advances</i> , 2021, 7, eabh3794.	4.7	16
18	Recent achievements and current trajectories of diversity-oriented synthesis. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 1-9.	2.8	67

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19	Characterization of the Prion Protein Binding Properties of Antisense Oligonucleotides. <i>Biomolecules</i> , 2020, 10, 1.	1.8	186
20	Bicyclic azetidines kill the diarrheal pathogen <i>Cryptosporidium</i> in mice by inhibiting parasite phenylalanyl-tRNA synthetase. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	45
21	Prion protein lowering is a disease-modifying therapy across prion disease stages, strains and endpoints. <i>Nucleic Acids Research</i> , 2020, 48, 10615-10631.	6.5	69
22	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020, 182, 1009-1026.e29.	13.5	194
23	Phosphorylation-Inducing Chimeric Small Molecules. <i>Journal of the American Chemical Society</i> , 2020, 142, 14052-14057.	6.6	90
24	Multimodal small-molecule screening for human prion protein binders. <i>Journal of Biological Chemistry</i> , 2020, 295, 13516-13531.	1.6	14
25	Structure-activity relationships of GPX4 inhibitor warheads. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127538.	1.0	28
26	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , 2020, 585, 603-608.	13.7	420
27	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020, 581, 459-464.	13.7	115
28	Towards a treatment for genetic prion disease: trials and biomarkers. <i>Lancet Neurology</i> , The, 2020, 19, 361-368.	4.9	60
29	Unifying principles of bifunctional, proximity-inducing small molecules. <i>Nature Chemical Biology</i> , 2020, 16, 369-378.	3.9	124
30	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. <i>Nature Chemical Biology</i> , 2020, 16, 497-506.	3.9	229
31	Rhabdoid Tumors Are Sensitive to the Protein-Translation Inhibitor Homoharringtonine. <i>Clinical Cancer Research</i> , 2020, 26, 4995-5006.	3.2	14
32	Ligand-Enabled α -Methylene C(sp ³) ¹³ C H Arylation of Masked Aliphatic Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 7857-7861.	1.6	14
33	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , 2020, 16, 302-309.	3.9	396
34	Ligand-Enabled α -Methylene C(sp ³) ¹³ C H Arylation of Masked Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7783-7787.	7.2	45
35	Water-Compatible Cycloadditions of Oligonucleotide-Conjugated Strained Allenes for DNA-Encoded Library Synthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 7776-7782.	6.6	58
36	Progress in Understanding Ferroptosis and Challenges in Its Targeting for Therapeutic Benefit. <i>Cell Chemical Biology</i> , 2020, 27, 463-471.	2.5	72

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37	6-Phosphogluconate Dehydrogenase Links Cytosolic Carbohydrate Metabolism to Protein Secretion via Modulation of Glutathione Levels. <i>Cell Chemical Biology</i> , 2019, 26, 1306-1314.e5.	2.5	22
38	Optimization of PDE3A Modulators for SLFN12-Dependent Cancer Cell Killing. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1537-1542.	1.3	17
39	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. <i>Cell</i> , 2019, 179, 1222-1238.e17.	13.5	109
40	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. <i>Cell Reports</i> , 2019, 28, 2331-2344.e8.	2.9	24
41	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. <i>Nature Communications</i> , 2019, 10, 4346.	5.8	139
42	Small-molecule targeting of brachyury transcription factor addiction in chordoma. <i>Nature Medicine</i> , 2019, 25, 292-300.	15.2	120
43	1980s Camelot. <i>Journal of Antibiotics</i> , 2019, 72, 323-323.	1.0	0
44	DNA Barcoding a Complete Matrix of Stereoisomeric Small Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 10225-10235.	6.6	79
45	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019, 25, 850-860.	15.2	350
46	Modular, stereocontrolled C ¹² ₂ ¹³ C activation of alkyl carboxylic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8721-8727.	3.3	39
47	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , 2019, 10, 1617.	5.8	499
48	Prion protein quantification in human cerebrospinal fluid as a tool for prion disease drug development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7793-7798.	3.3	41
49	DNA-Compatible [3 + 2] Nitrene-Olefin Cycloaddition Suitable for DEL Syntheses. <i>Organic Letters</i> , 2019, 21, 1325-1330.	2.4	58
50	Domain-specific Quantification of Prion Protein in Cerebrospinal Fluid by Targeted Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2388-2400.	2.5	22
51	Diacylfuroxans Are Masked Nitrile Oxides That Inhibit GPX4 Covalently. <i>Journal of the American Chemical Society</i> , 2019, 141, 20407-20415.	6.6	76
52	A Chemical Biology View of Bioactive Small Molecules and a Binder-Based Approach to Connect Biology to Precision Medicines. <i>Israel Journal of Chemistry</i> , 2019, 59, 52-59.	1.0	57
53	Antisense oligonucleotides extend survival of prion-infected mice. <i>JCI Insight</i> , 2019, 4, .	2.3	80
54	Renal medullary carcinomas depend upon SMARCB1 loss and are sensitive to proteasome inhibition. <i>ELife</i> , 2019, 8, .	2.8	32

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55	Chemical probes and drug leads from advances in synthetic planning and methodology. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 333-352.	21.5	182
56	RWEN: response-weighted elastic net for prediction of chemosensitivity of cancer cell lines. <i>Bioinformatics</i> , 2018, 34, 3332-3339.	1.8	21
57	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. <i>Biochemistry</i> , 2018, 57, 2059-2060.	1.2	68
58	High Throughput Screen Identifies Interferon \hat{I}^3 -Dependent Inhibitors of <i>Toxoplasma gondii</i> Growth. <i>ACS Infectious Diseases</i> , 2018, 4, 1499-1507.	1.8	11
59	Synergistic Effects of Stereochemistry and Appendages on the Performance Diversity of a Collection of Synthetic Compounds. <i>Journal of the American Chemical Society</i> , 2018, 140, 11784-11790.	6.6	47
60	A precision oncology approach to the pharmacological targeting of mechanistic dependencies in neuroendocrine tumors. <i>Nature Genetics</i> , 2018, 50, 979-989.	9.4	168
61	Chemical Biology Towards Precision Medicine. <i>Israel Journal of Chemistry</i> , 2017, 57, 174-178.	1.0	0
62	Discovery of Antimalarial Azetidine-2-carbonitriles That Inhibit <i>P. falciparum</i> Dihydroorotate Dehydrogenase. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 438-442.	1.3	49
63	A dataset of images and morphological profiles of 30 000 small-molecule treatments using the Cell Painting assay. <i>GigaScience</i> , 2017, 6, 1-5.	3.3	102
64	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. <i>Nature</i> , 2017, 551, 247-250.	18.7	1,043
65	Small-molecule inhibitors directly target CARD9 and mimic its protective variant in inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11392-11397.	3.3	45
66	Synthesis of a Bicyclic Azetidine with In Vivo Antimalarial Activity Enabled by Stereospecific, Directed C(sp ³)-H Arylation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11300-11306.	6.6	104
67	Stereospecific Palladium-Catalyzed C-H Arylation of Pyroglutamic Acid Derivatives at the C3 Position Enabled by 8-Aminoquinoline as a Directing Group. <i>Organic Letters</i> , 2017, 19, 4424-4427.	2.4	38
68	Small-molecule studies identify CDK8 as a regulator of IL-10 in myeloid cells. <i>Nature Chemical Biology</i> , 2017, 13, 1102-1108.	3.9	46
69	A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles. <i>Cell</i> , 2017, 171, 1437-1452.e17.	13.5	2,281
70	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. <i>Nature</i> , 2017, 547, 453-457.	18.7	1,194
71	A small-molecule allosteric inhibitor of <i>Mycobacterium tuberculosis</i> tryptophan synthase. <i>Nature Chemical Biology</i> , 2017, 13, 943-950.	3.9	100
72	DIFFERENTIAL PATHWAY DEPENDENCY DISCOVERY ASSOCIATED WITH DRUG RESPONSE ACROSS CANCER CELL LINES. , 2017, 22, 497-508.		7

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73	CTD2 Dashboard: a searchable web interface to connect validated results from the Cancer Target Discovery and Development Network. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	1.4	23
74	Structural Insight into Allosteric Inhibition of Mycobacterium tuberculosis Tryptophan Synthase. FASEB Journal, 2017, 31, 765.12.	0.2	1
75	Real-Time Biological Annotation of Synthetic Compounds. Journal of the American Chemical Society, 2016, 138, 8920-8927.	6.6	39
76	Integrated genetic and pharmacologic interrogation of rare cancers. Nature Communications, 2016, 7, 11987.	5.8	45
77	Divergent Synthesis and Real-Time Biological Annotation of Optically Active Tetrahydrocyclopenta[<i>c</i>]pyranone Derivatives. Organic Letters, 2016, 18, 6280-6283.	2.4	10
78	Inhibition of Zinc-Dependent Histone Deacetylases with a Chemically Triggered Electrophile. ACS Chemical Biology, 2016, 11, 1844-1851.	1.6	21
79	DiSCoVErING Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models with <i>In Silico</i> Analysis to Identify Novel Therapeutic Targets. Clinical Cancer Research, 2016, 22, 3903-3914.	3.2	54
80	Diversity-oriented synthesis yields novel multistage antimalarial inhibitors. Nature, 2016, 538, 344-349.	13.7	214
81	Development of ML390: A Human DHODH Inhibitor That Induces Differentiation in Acute Myeloid Leukemia. ACS Medicinal Chemistry Letters, 2016, 7, 1112-1117.	1.3	51
82	Discovery of 8-Membered Ring Sulfonamides as Inhibitors of Oncogenic Mutant Isocitrate Dehydrogenase 1. ACS Medicinal Chemistry Letters, 2016, 7, 944-949.	1.3	21
83	Efficient Routes to a Diverse Array of Amino Alcohol-Derived Chiral Fragments. ACS Combinatorial Science, 2016, 18, 569-574.	3.8	23
84	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. Cell, 2016, 167, 171-186.e15.	13.5	353
85	A genetic basis for the variation in the vulnerability of cancer to DNA damage. Nature Communications, 2016, 7, 11428.	5.8	136
86	Discovery of selective small-molecule HDAC6 inhibitor for overcoming proteasome inhibitor resistance in multiple myeloma. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13162-13167.	3.3	112
87	Development of Chemical Probes for Investigation of Salt-Inducible Kinase Function <i>In Vivo</i> . ACS Chemical Biology, 2016, 11, 2105-2111.	1.6	57
88	Identification of cancer-cytotoxic modulators of PDE3A by predictive chemogenomics. Nature Chemical Biology, 2016, 12, 102-108.	3.9	72
89	Correlating chemical sensitivity and basal gene expression reveals mechanism of action. Nature Chemical Biology, 2016, 12, 109-116.	3.9	636
90	High-Throughput Luciferase-Based Assay for the Discovery of Therapeutics That Prevent Malaria. ACS Infectious Diseases, 2016, 2, 281-293.	1.8	84

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91	The Power of Sophisticated Phenotypic Screening and Modern Mechanism-of-Action Methods. <i>Cell Chemical Biology</i> , 2016, 23, 3-9.	2.5	97
92	High-throughput identification of genotype-specific cancer vulnerabilities in mixtures of barcoded tumor cell lines. <i>Nature Biotechnology</i> , 2016, 34, 419-423.	9.4	245
93	High-Throughput Assay and Discovery of Small Molecules that Interrupt Malaria Transmission. <i>Cell Host and Microbe</i> , 2016, 19, 114-126.	5.1	140
94	Discovery of bisamide-heterocycles as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2594-2598.	1.0	9
95	Kinase-Independent Small-Molecule Inhibition of JAK-STAT Signaling. <i>Journal of the American Chemical Society</i> , 2015, 137, 7929-7934.	6.6	29
96	Diversity-Oriented Synthesis Probe Targets <i>Plasmodium falciparum</i> Cytochrome b Ubiquinone Reduction Site and Synergizes With Oxidation Site Inhibitors. <i>Journal of Infectious Diseases</i> , 2015, 211, 1097-1103.	1.9	29
97	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. <i>Cell</i> , 2015, 161, 1252-1265.	13.5	135
98	Indoliny-Thiazole Based Inhibitors of Scavenger Receptor-BI (SR-BI)-Mediated Lipid Transport. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 375-380.	1.3	11
99	Niche-Based Screening in Multiple Myeloma Identifies a Kinesin-5 Inhibitor with Improved Selectivity over Hematopoietic Progenitors. <i>Cell Reports</i> , 2015, 10, 755-770.	2.9	21
100	Synthesis of Oxazocenones via Gold(I)-Catalyzed 8-endo-Dig Hydroalkoxylation of Alkynamides. <i>Organic Letters</i> , 2015, 17, 418-421.	2.4	33
101	Benzo-fused lactams from a diversity-oriented synthesis (DOS) library as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2100-2105.	1.0	16
102	Discovery of a Small-Molecule Probe for V-ATPase Function. <i>Journal of the American Chemical Society</i> , 2015, 137, 5563-5568.	6.6	36
103	Harnessing Connectivity in a Large-Scale Small-Molecule Sensitivity Dataset. <i>Cancer Discovery</i> , 2015, 5, 1210-1223.	7.7	575
104	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4281-7.	3.3	56
105	<i>KRAS</i> Genomic Status Predicts the Sensitivity of Ovarian Cancer Cells to Decitabine. <i>Cancer Research</i> , 2015, 75, 2897-2906.	0.4	37
106	Linking Tumor Mutations to Drug Responses via a Quantitative Chemical-Genetic Interaction Map. <i>Cancer Discovery</i> , 2015, 5, 154-167.	7.7	57
107	Chemical perturbation of an intrinsically disordered region of TFIID distinguishes two modes of transcription initiation. <i>ELife</i> , 2015, 4, .	2.8	35
108	Quantitative-Proteomic Comparison of Alpha and Beta Cells to Uncover Novel Targets for Lineage Reprogramming. <i>PLoS ONE</i> , 2014, 9, e95194.	1.1	27

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109	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7741-7746.	3.3	298
110	Small-molecule control of cytokine function: new opportunities for treating immune disorders. Current Opinion in Chemical Biology, 2014, 23, 23-30.	2.8	20
111	Automated Structure-Activity Relationship Mining: Connecting Chemical Structure to Biological Profiles. Journal of Biomolecular Screening, 2014, 19, 738-748.	2.6	19
112	Small-molecule screening identifies inhibition of salt-inducible kinases as a therapeutic strategy to enhance immunoregulatory functions of dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12468-12473.	3.3	68
113	Regulation of Ferroptotic Cancer Cell Death by GPX4. Cell, 2014, 156, 317-331.	13.5	4,187
114	Lenalidomide Causes Selective Degradation of IKZF1 and IKZF3 in Multiple Myeloma Cells. Science, 2014, 343, 301-305.	6.0	1,371
115	NAMPT Is the Cellular Target of STF-31-Like Small-Molecule Probes. ACS Chemical Biology, 2014, 9, 2247-2254.	1.6	60
116	Toward performance-diverse small-molecule libraries for cell-based phenotypic screening using multiplexed high-dimensional profiling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10911-10916.	3.3	191
117	Diversity-Oriented Synthesis-Facilitated Medicinal Chemistry: Toward the Development of Novel Antimalarial Agents. Journal of Medicinal Chemistry, 2014, 57, 8496-8502.	2.9	33
118	Diversity-Oriented Synthesis Yields a New Drug Lead for Treatment of Chagas Disease. ACS Medicinal Chemistry Letters, 2014, 5, 149-153.	1.3	35
119	Synthesis of piperlogs and analysis of their effects on cells. Tetrahedron, 2013, 69, 7559-7567.	1.0	23
120	An Interactive Resource to Identify Cancer Genetic and Lineage Dependencies Targeted by Small Molecules. Cell, 2013, 154, 1151-1161.	13.5	615
121	Niche-based screening identifies small-molecule inhibitors of leukemia stem cells. Nature Chemical Biology, 2013, 9, 840-848.	3.9	103
122	Discovery of Small-Molecule Enhancers of Reactive Oxygen Species That are Nontoxic or Cause Genotype-Selective Cell Death. ACS Chemical Biology, 2013, 8, 923-929.	1.6	57
123	Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. Neuropharmacology, 2013, 64, 81-96.	2.0	87
124	A Small-Molecule Inducer of PDX1 Expression Identified by High-Throughput Screening. Chemistry and Biology, 2013, 20, 1513-1522.	6.2	34
125	Integrative Radiogenomic Profiling of Squamous Cell Lung Cancer. Cancer Research, 2013, 73, 6289-6298.	0.4	108
126	Multiplex Cytological Profiling Assay to Measure Diverse Cellular States. PLoS ONE, 2013, 8, e80999.	1.1	224

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127	Synthesis, cellular evaluation, and mechanism of action of piperlongumine analogs. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15115-15120.	3.3	200
128	The NIH's role in accelerating translational sciences. Nature Biotechnology, 2012, 30, 16-19.	9.4	14
129	Macrocyclic Hedgehog Pathway Inhibitors: Optimization of Cellular Activity and Mode of Action Studies. ACS Medicinal Chemistry Letters, 2012, 3, 808-813.	1.3	39
130	Diversity-Oriented Synthesis Yields a Novel Lead for the Treatment of Malaria. ACS Medicinal Chemistry Letters, 2012, 3, 112-117.	1.3	52
131	Development of small-molecule probes that selectively kill cells induced to express mutant RAS. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1822-1826.	1.0	157
132	Identification of a selective small molecule inhibitor of breast cancer stem cells. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3571-3574.	1.0	28
133	Niche-Based Screening Identifies Novel Small Molecules That Overcome Stromal Effects in Multiple Myeloma. Blood, 2012, 120, 571-571.	0.6	1
134	Syntheses of $\hat{\pm}$ -PyroneS Using Gold-Catalyzed Coupling Reactions. Organic Letters, 2011, 13, 2834-2836.	2.4	89
135	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. Nature, 2011, 475, 231-234.	13.7	939
136	Catalytic Diastereoselective Petasis Reactions. Angewandte Chemie - International Edition, 2011, 50, 8172-8175.	7.2	66
137	Discovery of histone deacetylase 8 selective inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2601-2605.	1.0	82
138	The DNA damage mark pH2AX differentiates the cytotoxic effects of small molecule HDAC inhibitors in ovarian cancer cells. Cancer Biology and Therapy, 2011, 12, 484-493.	1.5	42
139	Disease allele-dependent small-molecule sensitivities in blood cells from monogenic diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 492-497.	3.3	16
140	Organic synthesis toward small-molecule probes and drugs. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6699-6702.	3.3	133
141	Quantifying structure and performance diversity for sets of small molecules comprising small-molecule screening collections. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6817-6822.	3.3	98
142	Towards patient-based cancer therapeutics. Nature Biotechnology, 2010, 28, 904-906.	9.4	65
143	Small molecules of different origins have distinct distributions of structural complexity that correlate with protein-binding profiles. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18787-18792.	3.3	302
144	Distinct Biological Network Properties between the Targets of Natural Products and Disease Genes. Journal of the American Chemical Society, 2010, 132, 9259-9261.	6.6	79

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145	Small-molecule inducers of insulin expression in pancreatic β -cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15099-15104.	3.3	62
146	Expanding Stereochemical and Skeletal Diversity Using Petasis Reactions and 1,3-Dipolar Cycloadditions. Organic Letters, 2010, 12, 5230-5233.	2.4	28
147	Small-Molecule Suppressors of Cytokine-Induced β -Cell Apoptosis. ACS Chemical Biology, 2010, 5, 729-734.	1.6	38
148	Stereochemical and Skeletal Diversity Arising from Amino Propargylic Alcohols. Organic Letters, 2010, 12, 2822-2825.	2.4	50
149	Binding Affinity and Kinetic Analysis of Targeted Small Molecule-Modified Nanoparticles. Bioconjugate Chemistry, 2010, 21, 14-19.	1.8	179
150	Using Expression and Genotype to Predict Drug Response in Yeast. PLoS ONE, 2009, 4, e6907.	1.1	14
151	Molecular diversity by design. Nature, 2009, 457, 153-154.	13.7	273
152	A small molecule that binds Hedgehog and blocks its signaling in human cells. Nature Chemical Biology, 2009, 5, 154-156.	3.9	273
153	Aziridines as intermediates in diversity-oriented syntheses of alkaloids. Tetrahedron Letters, 2009, 50, 3230-3233.	0.7	34
154	Syntheses of aminoalcohol-derived macrocycles leading to a small-molecule binder to and inhibitor of Sonic Hedgehog. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6319-6325.	1.0	71
155	Synthesis and Conformation-Activity Relationships of the Peptide Isoesters of FK228 and Largazole. Journal of the American Chemical Society, 2009, 131, 2900-2905.	6.6	107
156	Gold(I)-Catalyzed Coupling Reactions for the Synthesis of Diverse Small Molecules Using the Build/Couple/Pair Strategy. Journal of the American Chemical Society, 2009, 131, 5667-5674.	6.6	91
157	SnapShot: Ca ²⁺ -Calcineurin-NFAT Signaling. Cell, 2009, 138, 210-210.e1.	13.5	90
158	Identification and Characterization of Small Molecule Inhibitors of a Class I Histone Deacetylase from <i>Plasmodium falciparum</i> . Journal of Medicinal Chemistry, 2009, 52, 2185-2187.	2.9	75
159	Skeletally Diverse Small Molecules Using a Build/Couple/Pair Strategy. Organic Letters, 2009, 11, 1559-1562.	2.4	49
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161	Towards the Optimal Screening Collection: A Synthesis Strategy. Angewandte Chemie - International Edition, 2008, 47, 48-56.	7.2	507
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