Stuart L Schreiber

List of Publications by Year
in descending order

319	61,620	2137 100	968 237
papers	citations	h-index	g-index

471	471	471	69460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA-encoded library-enabled discovery of proximity-inducing small molecules. Nature Chemical Biology, 2024, 20, 170-179.	8.0	10
2	Proteomic Ligandability Maps of Spirocycle Acrylamide Stereoprobes Identify Covalent ERCC3 Degraders. Journal of the American Chemical Society, 2024, 146, 10393-10406.	14.6	2
3	Bicyclic Pyrrolidine Inhibitors of Toxoplasma gondii Phenylalanine t-RNA Synthetase with Antiparasitic Potency In Vitro and Brain Exposure. ACS Infectious Diseases, 2024, 10, 2212-2221.	4.0	0
4	Molecular glues and bifunctional compounds: Therapeutic modalities based on induced proximity. Cell Chemical Biology, 2024, 31, 1050-1063.	5.2	0
5	Insights into the key quality components in Se-Enriched green tea and their relationship with Selenium. Food Research International, 2023, 165, 112460.	6.4	10
6	ROS Induction Targets Persister Cancer Cells with Low Metabolic Activity in NRAS-Mutated Melanoma. Cancer Research, 2023, 83, 1128-1146.	0.9	11
7	Mapping the landscape of genetic dependencies in chordoma. Nature Communications, 2023, 14, .	13.2	9
8	Proposed Resolution of a Mechanistic Puzzle of Long Duration: Self-Condensation of Cyclopentanone to Form an 11-Carbon Dienoic Acid. Journal of Organic Chemistry, 2023, 88, 7557-7559.	3.3	0
9	Calidad en Doppler materno fetal: Propuesta de una Escala Objetiva Modificada de calidad y auditorÃa. Revista Peruana De InvestigaciÃ³n Materno Perinatal, 2023, 12, 44-51.	0.1	0
10	Diversity-oriented synthesis encoded by deoxyoligonucleotides. Nature Communications, 2023, 14, .	13.2	5
11	Assigning functionality to cysteines by base editing of cancer dependency genes. Nature Chemical Biology, 2023, 19, 1320-1330.	8.0	15
12	Rational Screening for Cooperativity in Small-Molecule Inducers of Proteinâ€“Protein Associations. Journal of the American Chemical Society, 2023, 145, 23281-23291.	14.6	11
13	Chemical Proteomic Discovery of Isotypeâ€Selective Covalent Inhibitors of the RNA Methyltransferase NSUN2. Angewandte Chemie, 2023, 135, .	2.1	0
14	Chemical Proteomic Discovery of Isotypeâ€Selective Covalent Inhibitors of the RNA Methyltransferase NSUN2. Angewandte Chemie - International Edition, 2023, 62, .	14.8	10
15	Bifunctional Small Molecules That Induce Nuclear Localization and Targeted Transcriptional Regulation. Journal of the American Chemical Society, 2023, 145, 26028-26037.	14.6	9
16	Crystallization-Based Synthetic Route to Antimalarial Agent BRD5018: Diazocene Ring Formation via a Staudinger-aza-Wittig Reaction on an Azetidine-Ribose Template. Organic Process Research and Development, 2022, 26, 817-831.	3.0	6
17	PALP: A rapid imaging technique for stratifying ferroptosis sensitivity in normal and tumor tissues in situ. Cell Chemical Biology, 2022, 29, 157-170.e6.	5.2	20
18	Bicyclic azetidines target acute and chronic stages of Toxoplasma gondii by inhibiting parasite phenylalanyl t-RNA synthetase. Nature Communications, 2022, 13, 459.	13.2	14

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19	Persister cancer cells: Iron addiction and vulnerability to ferroptosis. Molecular Cell, 2022, 82, 728-740.	9.6	126
20	Modular Synthesis of Cyclopropaneâ€Fused Nâ€Heterocycles Enabled by Underexplored Diazo Reagents. Angewandte Chemie - International Edition, 2022, 61, .	14.8	12
21	Inhibition of Plasmodium falciparum phenylalanine tRNA synthetase provides opportunity for antimalarial drug development. Structure, 2022, 30, 962-972.e3.	3.4	7
22	Synthesis of skeletally diverse Î²-lactam haptens for the in vitro diagnosis of IgE-mediated drug allergy. Chemical Communications, 2022, 58, 5964-5967.	4.2	2
23	Stereochemical diversity as a source of discovery in chemical biology. Current Research in Chemical Biology, 2022, 2, 100028.	3.2	29
24	Targeted Protein Degradation by Electrophilic PROTACs that Stereoselectively and Site-Specifically Engage DCAF1. Journal of the American Chemical Society, 2022, 144, 18688-18699.	14.6	57
25	Crystal structures of the selenoprotein glutathione peroxidase 4 in its apo form and in complex with the covalently bound inhibitor ML162. Acta Crystallographica Section D: Structural Biology, 2021, 77, 237-248.	2.4	68
26	Targeted brachyury degradation disrupts a highly specific autoregulatory program controlling chordoma cell identity. Cell Reports Medicine, 2021, 2, 100188.	5.9	20
27	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	27.8	152
28	Cell-specific transcriptional control of mitochondrial metabolism by TIF1Î³ drives erythropoiesis. Science, 2021, 372, 716-721.	20.9	35
29	The Use of Informer Sets in Screening: Perspectives on an Efficient Strategy to Identify New Probes. SLAS Discovery, 2021, 26, 855-861.	2.8	8
30	Novel quaternary structures of the human prion protein globular domain. Biochimie, 2021, 191, 118-125.	2.9	4
31	The Rise of Molecular Glues. Cell, 2021, 184, 3-9.	27.8	296
32	Structural basis of malaria parasite phenylalanine tRNA-synthetase inhibition by bicyclic azetidines. Nature Communications, 2021, 12, 343.	13.2	23
33	Computational repurposing of therapeutic small molecules from cancer to pulmonary hypertension. Science Advances, 2021, 7, eabh3794.	10.9	17
34	Recent achievements and current trajectories of diversity-oriented synthesis. Current Opinion in Chemical Biology, 2020, 56, 1-9.	6.4	74
35	Characterization of the Prion Protein Binding Properties of Antisense Oligonucleotides. Biomolecules, 2020, 10, 1.	4.2	186
36	Bicyclic azetidines kill the diarrheal pathogen Cryptosporidium in mice by inhibiting parasite phenylalanyl-tRNA synthetase. Science Translational Medicine, 2020, 12, .	13.4	54

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37	Prion protein lowering is a disease-modifying therapy across prion disease stages, strains and endpoints. Nucleic Acids Research, 2020, 48, 10615-10631.	14.0	83
38	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. Cell, 2020, 182, 1009-1026.e29.	27.8	220
39	Phosphorylation-Inducing Chimeric Small Molecules. Journal of the American Chemical Society, 2020, 142, 14052-14057.	14.6	96
40	Multimodal small-molecule screening for human prion protein binders. Journal of Biological Chemistry, 2020, 295, 13516-13531.	3.5	18
41	Structureâ€“activity relationships of GPX4 inhibitor warheads. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127538.	2.3	34
42	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. Nature, 2020, 585, 603-608.	36.2	480
43	Towards a treatment for genetic prion disease: trials and biomarkers. Lancet Neurology, The, 2020, 19, 361-368.	10.4	66
44	Unifying principles of bifunctional, proximity-inducing small molecules. Nature Chemical Biology, 2020, 16, 369-378.	8.0	134
45	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. Nature Chemical Biology, 2020, 16, 497-506.	8.0	261
46	Rhabdoid Tumors Are Sensitive to the Protein-Translation Inhibitor Homoharringtonine. Clinical Cancer Research, 2020, 26, 4995-5006.	7.2	18
47	Ligandâ€Enabled Î²â€Methylene C(sp³)â€“H Arylation of Masked Aliphatic Alcohols. Angewandte Chemie, 2020, 132, 7857-7861.	2.1	14
48	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. Nature Chemical Biology, 2020, 16, 302-309.	8.0	455
49	Ligandâ€Enabled Î²â€Methylene C(sp³)â€“H Arylation of Masked Aliphatic Alcohols. Angewandte Chemie - International Edition, 2020, 59, 7783-7787.	14.8	45
50	Water-Compatible Cycloadditions of Oligonucleotide-Conjugated Strained Allenes for DNA-Encoded Library Synthesis. Journal of the American Chemical Society, 2020, 142, 7776-7782.	14.6	66
51	Progress in Understanding Ferroptosis and Challenges in Its Targeting for Therapeutic Benefit. Cell Chemical Biology, 2020, 27, 463-471.	5.2	83
52	6-Phosphogluconate Dehydrogenase Links Cytosolic Carbohydrate Metabolism to Protein Secretion via Modulation of Glutathione Levels. Cell Chemical Biology, 2019, 26, 1306-1314.e5.	5.2	22
53	Optimization of PDE3A Modulators for SLFN12-Dependent Cancer Cell Killing. ACS Medicinal Chemistry Letters, 2019, 10, 1537-1542.	3.1	20
54	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. Cell, 2019, 179, 1222-1238.e17.	27.8	120

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55	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. Cell Reports, 2019, 28, 2331-2344.e8.	6.3	30
56	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. Nature Communications, 2019, 10, 4346.	13.2	157
57	Small-molecule targeting of brachyury transcription factor addiction in chordoma. Nature Medicine, 2019, 25, 292-300.	30.1	125
58	Heck Diversification of Indoleâ€Based Substrates under Aqueous Conditions: From Indoles to Unprotected Haloâ€tryptophans and Haloâ€tryptophans in Natural Product Derivatives. Chemistry - A European Journal, 2019, 25, 10866-10875.	3.9	16
59	1980s Camelot. Journal of Antibiotics, 2019, 72, 323-323.	2.1	0
60	DNA Barcoding a Complete Matrix of Stereoisomeric Small Molecules. Journal of the American Chemical Society, 2019, 141, 10225-10235.	14.6	85
61	The landscape of cancer cell line metabolism. Nature Medicine, 2019, 25, 850-860.	30.1	384
62	Modular, stereocontrolled C _{Î²} â€“H/C _{Î±} â€“C activation of alkyl carboxylic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8721-8727.	7.6	43
63	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. Nature Communications, 2019, 10, 1617.	13.2	556
64	Prion protein quantification in human cerebrospinal fluid as a tool for prion disease drug development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7793-7798.	7.6	43
65	DNA-Compatible [3 + 2] Nitroneâ€“Olefin Cycloaddition Suitable for DEL Syntheses. Organic Letters, 2019, 21, 1325-1330.	4.8	58
66	Domain-specific Quantification of Prion Protein in Cerebrospinal Fluid by Targeted Mass Spectrometry. Molecular and Cellular Proteomics, 2019, 18, 2388-2400.	3.9	24
67	Diacylfuroxans Are Masked Nitrile Oxides That Inhibit GPX4 Covalently. Journal of the American Chemical Society, 2019, 141, 20407-20415.	14.6	88
68	A Chemical Biology View of Bioactive Small Molecules and a Binderâ€Based Approach to Connect Biology to Precision Medicines. Israel Journal of Chemistry, 2019, 59, 52-59.	2.6	63
69	Antisense oligonucleotides extend survival of prion-infected mice. JCI Insight, 2019, 4, .	5.0	89
70	Renal medullary carcinomas depend upon SMARCB1 loss and are sensitive to proteasome inhibition. ELife, 2019, 8, .	5.9	37
71	Chemical probes and drug leads from advances in synthetic planning and methodology. Nature Reviews Drug Discovery, 2018, 17, 333-352.	61.5	191
72	Common terms for rare epilepsies: Synonyms, associated terms, and links to structured vocabularies. Epilepsia Open, 2018, 3, 91-97.	2.5	9

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73	RWEN: response-weighted elastic net for prediction of chemosensitivity of cancer cell lines. Bioinformatics, 2018, 34, 3332-3339.	4.2	24
74	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. Biochemistry, 2018, 57, 2059-2060.	2.6	72
75	High Throughput Screen Identifies Interferon Î³-Dependent Inhibitors of Toxoplasma gondii Growth. ACS Infectious Diseases, 2018, 4, 1499-1507.	4.0	11
76	Synergistic Effects of Stereochemistry and Appendages on the Performance Diversity of a Collection of Synthetic Compounds. Journal of the American Chemical Society, 2018, 140, 11784-11790.	14.6	49
77	Differences between the outcome of recurrent acute pancreatitis and acute pancreatitis. JGH Open, 2018, 2, 134-138.	1.7	11
78	A precision oncology approach to the pharmacological targeting of mechanistic dependencies in neuroendocrine tumors. Nature Genetics, 2018, 50, 979-989.	20.4	178
79	Chemical Biology Towards Precision Medicine. Israel Journal of Chemistry, 2017, 57, 174-178.	2.6	0
80	Discovery of Antimalarial Azetidine-2-carbonitriles That Inhibit P. falciparum Dihydroorotate Dehydrogenase. ACS Medicinal Chemistry Letters, 2017, 8, 438-442.	3.1	50
81	A dataset of images and morphological profiles of 30 000 small-molecule treatments using the Cell Painting assay. GigaScience, 2017, 6, 1-5.	6.8	116
82	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. Nature, 2017, 551, 247-250.	36.2	1,140
83	Small-molecule inhibitors directly target CARD9 and mimic its protective variant in inflammatory bowel disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11392-11397.	7.6	47
84	Synthesis of a Bicyclic Azetidine with In Vivo Antimalarial Activity Enabled by Stereospecific, Directed C(sp³)â€“H Arylation. Journal of the American Chemical Society, 2017, 139, 11300-11306.	14.6	111
85	Stereospecific Palladium-Catalyzed Câ€“H Arylation of Pyroglutamic Acid Derivatives at the C3 Position Enabled by 8-Aminoquinoline as a Directing Group. Organic Letters, 2017, 19, 4424-4427.	4.8	41
86	Small-molecule studies identify CDK8 as a regulator of IL-10 in myeloid cells. Nature Chemical Biology, 2017, 13, 1102-1108.	8.0	52
87	A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles. Cell, 2017, 171, 1437-1452.e17.	27.8	2,457
88	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. Nature, 2017, 547, 453-457.	36.2	1,315
89	A small-molecule allosteric inhibitor of Mycobacterium tuberculosis tryptophan synthase. Nature Chemical Biology, 2017, 13, 943-950.	8.0	104
90	DIFFERENTIAL PATHWAY DEPENDENCY DISCOVERY ASSOCIATED WITH DRUG RESPONSE ACROSS CANCER CELL LINES. , 2017, 22, 497-508.		7

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91	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, .	3.2	27
92	Structural Insight into Allosteric Inhibition of Mycobacterium tuberculosis Tryptophan Synthase. FASEB Journal, 2017, 31, 765.12.	0.5	1
93	Real-Time Biological Annotation of Synthetic Compounds. Journal of the American Chemical Society, 2016, 138, 8920-8927.	14.6	39
94	Integrated genetic and pharmacologic interrogation of rare cancers. Nature Communications, 2016, 7, 11987.	13.2	49
95	Divergent Synthesis and Real-Time Biological Annotation of Optically Active Tetrahydrocyclopenta[c]pyranone Derivatives. Organic Letters, 2016, 18, 6280-6283.	4.8	11
96	Inhibition of Zinc-Dependent Histone Deacetylases with a Chemically Triggered Electrophile. ACS Chemical Biology, 2016, 11, 1844-1851.	3.6	22
97	DiSCoVERing Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models withIn SilicoAnalysis to Identify Novel Therapeutic Targets. Clinical Cancer Research, 2016, 22, 3903-3914.	7.2	56
98	Effect of embryo morphology and morphometrics on implantation of vitrified day 3 embryos after warming: a retrospective cohort study. Reproductive Biology and Endocrinology, 2016, 14, 40.	3.4	9
99	Diversity-oriented synthesis yields novel multistage antimalarial inhibitors. Nature, 2016, 538, 344-349.	36.2	223
100	Development of ML390: A Human DHODH Inhibitor That Induces Differentiation in Acute Myeloid Leukemia. ACS Medicinal Chemistry Letters, 2016, 7, 1112-1117.	3.1	54
101	Discovery of 8-Membered Ring Sulfonamides as Inhibitors of Oncogenic Mutant Isocitrate Dehydrogenase 1. ACS Medicinal Chemistry Letters, 2016, 7, 944-949.	3.1	21
102	Efficient Routes to a Diverse Array of Amino Alcohol-Derived Chiral Fragments. ACS Combinatorial Science, 2016, 18, 569-574.	3.8	23
103	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. Cell, 2016, 167, 171-186.e15.	27.8	371
104	A genetic basis for the variation in the vulnerability of cancer to DNA damage. Nature Communications, 2016, 7, 11428.	13.2	145
105	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.	7.6	118
106	Development of Chemical Probes for Investigation of Salt-Inducible Kinase Function in Vivo. ACS Chemical Biology, 2016, 11, 2105-2111.	3.6	59
107	Identification of cancer-cytotoxic modulators of PDE3A by predictive chemogenomics. Nature Chemical Biology, 2016, 12, 102-108.	8.0	78
108	Correlating chemical sensitivity and basal gene expression reveals mechanism of action. Nature Chemical Biology, 2016, 12, 109-116.	8.0	675

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109	High-Throughput Luciferase-Based Assay for the Discovery of Therapeutics That Prevent Malaria. ACS Infectious Diseases, 2016, 2, 281-293.	4.0	89
110	The Power of Sophisticated Phenotypic Screening and Modern Mechanism-of-Action Methods. Cell Chemical Biology, 2016, 23, 3-9.	5.2	99
111	High-throughput identification of genotype-specific cancer vulnerabilities in mixtures of barcoded tumor cell lines. Nature Biotechnology, 2016, 34, 419-423.	20.8	267
112	High-Throughput Assay and Discovery of Small Molecules that Interrupt Malaria Transmission. Cell Host and Microbe, 2016, 19, 114-126.	11.0	148
113	Discovery of bisamide-heterocycles as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2594-2598.	2.3	9
114	Kinase-Independent Small-Molecule Inhibition of JAK-STAT Signaling. Journal of the American Chemical Society, 2015, 137, 7929-7934.	14.6	30
115	Diversity-Oriented Synthesis Probe TargetsPlasmodium falciparumCytochrome b Ubiquinone Reduction Site and Synergizes With Oxidation Site Inhibitors. Journal of Infectious Diseases, 2015, 211, 1097-1103.	3.9	29
116	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. Cell, 2015, 161, 1252-1265.	27.8	140
117	Indolinyl-Thiazole Based Inhibitors of Scavenger Receptor-BI (SR-BI)-Mediated Lipid Transport. ACS Medicinal Chemistry Letters, 2015, 6, 375-380.	3.1	12
118	Niche-Based Screening in Multiple Myeloma Identifies a Kinesin-5 Inhibitor with Improved Selectivity over Hematopoietic Progenitors. Cell Reports, 2015, 10, 755-770.	6.3	22
119	Synthesis of Oxazocenones via Gold(I)-Catalyzed 8-Endo-Dig Hydroalkoxylation of Alkynamides. Organic Letters, 2015, 17, 418-421.	4.8	35
120	Benzo-fused lactams from a diversity-oriented synthesis (DOS) library as inhibitors of scavenger receptor BI (SR-BI)-mediated lipid uptake. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2100-2105.	2.3	18
121	Discovery of a Small-Molecule Probe for V-ATPase Function. Journal of the American Chemical Society, 2015, 137, 5563-5568.	14.6	37
122	Targeted disruption of Rab10 causes early embryonic lethality. Protein and Cell, 2015, 6, 463-467.	12.0	36
123	Harnessing Connectivity in a Large-Scale Small-Molecule Sensitivity Dataset. Cancer Discovery, 2015, 5, 1210-1223.	14.2	605
124	Small-molecule enhancers of autophagy modulate cellular disease phenotypes suggested by human genetics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4281-7.	7.6	59
125	KRAS Genomic Status Predicts the Sensitivity of Ovarian Cancer Cells to Decitabine. Cancer Research, 2015, 75, 2897-2906.	0.9	41
126	Linking Tumor Mutations to Drug Responses via a Quantitative Chemicalâ€“Genetic Interaction Map. Cancer Discovery, 2015, 5, 154-167.	14.2	59

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127	Reliability and validity of an arabic version of the dyspnea-12 questionnaire for Saudi nationals with chronic obstructive pulmonary disease. Annals of Thoracic Medicine, 2015, 10, 112.	1.8	19
128	Chemical perturbation of an intrinsically disordered region of TFIID distinguishes two modes of transcription initiation. ELife, 2015, 4, .	5.9	35
129	Quantitative-Proteomic Comparison of Alpha and Beta Cells to Uncover Novel Targets for Lineage Reprogramming. PLoS ONE, 2014, 9, e95194.	2.5	27
130	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.	7.6	310
131	Small-molecule control of cytokine function: new opportunities for treating immune disorders. Current Opinion in Chemical Biology, 2014, 23, 23-30.	6.4	20
132	Automated Structureâ€“Activity Relationship Mining: Connecting Chemical Structure to Biological Profiles. SLAS Discovery, 2014, 19, 738-748.	2.8	20
133	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.	7.6	72
134	Regulation of Ferroptotic Cancer Cell Death by GPX4. Cell, 2014, 156, 317-331.	27.8	4,713
135	NAMPT Is the Cellular Target of STF-31-Like Small-Molecule Probes. ACS Chemical Biology, 2014, 9, 2247-2254.	3.6	64
136	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.	7.6	196
137	Diversity-Oriented Synthesis-Facilitated Medicinal Chemistry: Toward the Development of Novel Antimalarial Agents. Journal of Medicinal Chemistry, 2014, 57, 8496-8502.	6.6	35
138	Diversity-Oriented Synthesis Yields a New Drug Lead for Treatment of Chagas Disease. ACS Medicinal Chemistry Letters, 2014, 5, 149-153.	3.1	36
139	Synthesis of piperlogs and analysis of their effects on cells. Tetrahedron, 2013, 69, 7559-7567.	2.0	24
140	An Interactive Resource to Identify Cancer Genetic and Lineage Dependencies Targeted by Small Molecules. Cell, 2013, 154, 1151-1161.	27.8	651
141	Niche-based screening identifies small-molecule inhibitors of leukemia stem cells. Nature Chemical Biology, 2013, 9, 840-848.	8.0	105
142	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.	3.6	58
143	Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. Neuropharmacology, 2013, 64, 81-96.	4.2	91
144	A Small-Molecule Inducer of PDX1 Expression Identified by High-Throughput Screening. Chemistry and Biology, 2013, 20, 1513-1522.	6.2	34

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145	Synthesis and properties of poly(acrylamide-aniline)-grafted gum ghatti based nanospikes. RSC Advances, 2013, 3, 25830.	3.7	85
146	Integrative Radiogenomic Profiling of Squamous Cell Lung Cancer. Cancer Research, 2013, 73, 6289-6298.	0.9	113
147	Multiplex Cytological Profiling Assay to Measure Diverse Cellular States. PLoS ONE, 2013, 8, e80999.	2.5	243
148	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.	7.6	206
149	The NIH's role in accelerating translational sciences. Nature Biotechnology, 2012, 30, 16-19.	20.8	14
150	Macrocyclic Hedgehog Pathway Inhibitors: Optimization of Cellular Activity and Mode of Action Studies. ACS Medicinal Chemistry Letters, 2012, 3, 808-813.	3.1	39
151	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	4.8	26
152	Diversity-Oriented Synthesis Yields a Novel Lead for the Treatment of Malaria. ACS Medicinal Chemistry Letters, 2012, 3, 112-117.	3.1	52
153	Development of small-molecule probes that selectively kill cells induced to express mutant RAS. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1822-1826.	2.3	170
154	Identification of a selective small molecule inhibitor of breast cancer stem cells. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3571-3574.	2.3	28
155	Niche-Based Screening Identifies Novel Small Molecules That Overcome Stromal Effects in Multiple Myeloma. Blood, 2012, 120, 571-571.	1.4	1
156	Syntheses of Î±-Pyrones Using Gold-Catalyzed Coupling Reactions. Organic Letters, 2011, 13, 2834-2836.	4.8	93
157	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. Nature, 2011, 475, 231-234.	36.2	954
158	Breaking Continuous Flash Suppression: A New Measure of Unconscious Processing during Interocular Suppression?. Frontiers in Human Neuroscience, 2011, 5, 167.	2.1	172
159	Catalytic Diastereoselective Petasis Reactions. Angewandte Chemie, 2011, 123, 8322-8325.	2.1	14
160	Catalytic Diastereoselective Petasis Reactions. Angewandte Chemie - International Edition, 2011, 50, 8172-8175.	14.8	67
161	Discovery of histone deacetylase 8 selective inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2601-2605.	2.3	83
162	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.	3.7	43

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163	Effect of Nanocavities on the Thermoelectric Properties of Polycrystalline Silicon. Materials Research Society Symposia Proceedings, 2011, 1329, 1.	0.1	1
164	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.	7.6	16
165	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.	7.6	138
166	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.	7.6	99
167	Towards patient-based cancer therapeutics. Nature Biotechnology, 2010, 28, 904-906.	20.8	65
168	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.	7.6	309
169	Distinct Biological Network Properties between the Targets of Natural Products and Disease Genes. Journal of the American Chemical Society, 2010, 132, 9259-9261.	14.6	79
170	Small-molecule inducers of insulin expression in pancreatic Î±-cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15099-15104.	7.6	63
171	Expanding Stereochemical and Skeletal Diversity Using Petasis Reactions and 1,3-Dipolar Cycloadditions. Organic Letters, 2010, 12, 5230-5233.	4.8	28
172	Small-Molecule Suppressors of Cytokine-Induced Î²-Cell Apoptosis. ACS Chemical Biology, 2010, 5, 729-734.	3.6	38
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