

# Stuart L Schreiber

## List of Publications by Year in descending order

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319  
papers

61,620  
citations

2137

100  
h-index

968

237  
g-index

471  
all docs

471  
docs citations

471  
times ranked

69460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Ferroptotic Cancer Cell Death by GPX4. <i>Cell</i> , 2014, 156, 317-331.	27.8	4,713
2	Calcineurin is a common target of cyclophilin-cyclosporin A and FKBP-FK506 complexes. <i>Cell</i> , 1991, 66, 807-815.	27.8	3,970
3	The M2 splice isoform of pyruvate kinase is important for cancer metabolism and tumour growth. <i>Nature</i> , 2008, 452, 230-233.	36.2	2,491
4	A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles. <i>Cell</i> , 2017, 171, 1437-1452.e17.	27.8	2,457
5	The mechanism of action of cyclosporin A and FK506. <i>Trends in Immunology</i> , 1992, 13, 136-142.	7.1	2,120
6	A mammalian protein targeted by G1-arresting rapamycin receptor complex. <i>Nature</i> , 1994, 369, 756-758.	36.2	1,847
7	Small Molecule Inhibitor of Mitotic Spindle Bipolarity Identified in a Phenotype-Based Screen. <i>Science</i> , 1999, 286, 971-974.	20.9	1,658
8	A Planning Strategy for Diversity-Oriented Synthesis. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 46-58.	14.8	1,393
9	A receptor for the immuno-suppressant FK506 is a cis-trans peptidyl-prolyl isomerase. <i>Nature</i> , 1989, 341, 758-760.	36.2	1,347
10	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. <i>Nature</i> , 2017, 547, 453-457.	36.2	1,315
11	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. <i>Nature</i> , 2017, 551, 247-250.	36.2	1,140
12	Domain-selective small-molecule inhibitor of histone deacetylase 6 (HDAC6)-mediated tubulin deacetylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4389-4394.	7.6	988
13	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. <i>Nature</i> , 2011, 475, 231-234.	36.2	954
14	Correlating chemical sensitivity and basal gene expression reveals mechanism of action. <i>Nature Chemical Biology</i> , 2016, 12, 109-116.	8.0	675
15	Control of p70 S6 kinase by kinase activity of FRAP in vivo. <i>Nature</i> , 1995, 377, 441-446.	36.2	668
16	An Interactive Resource to Identify Cancer Genetic and Lineage Dependencies Targeted by Small Molecules. <i>Cell</i> , 2013, 154, 1151-1161.	27.8	651
17	Chromatin deacetylation by an ATP-dependent nucleosome remodelling complex. <i>Nature</i> , 1998, 395, 917-921.	36.2	628
18	Harnessing Connectivity in a Large-Scale Small-Molecule Sensitivity Dataset. <i>Cancer Discovery</i> , 2015, 5, 1210-1223.	14.2	605

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19	Small molecules enhance autophagy and reduce toxicity in Huntington's disease models. <i>Nature Chemical Biology</i> , 2007, 3, 331-338.	8.0	579
20	Small-molecule inhibition of proteasome and aggresome function induces synergistic antitumor activity in multiple myeloma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8567-8572.	7.6	574
21	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , 2019, 10, 1617.	13.2	556
22	Deacetylase Enzymes. <i>Chemistry and Biology</i> , 2002, 9, 3-16.	6.2	517
23	Towards the Optimal Screening Collection: A Synthesis Strategy. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 48-56.	14.8	513
24	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , 2020, 585, 603-608.	36.2	480
25	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , 2020, 16, 302-309.	8.0	455
26	Printing Small Molecules as Microarrays and Detecting Protein-Ligand Interactions en Masse. <i>Journal of the American Chemical Society</i> , 1999, 121, 7967-7968.	14.6	446
27	Chemical genetics resulting from a passion for synthetic organic chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1127-1152.	3.1	421
28	Dissecting glucose signalling with diversity-oriented synthesis and small-molecule microarrays. <i>Nature</i> , 2002, 416, 653-657.	36.2	384
29	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019, 25, 850-860.	30.1	384
30	Generating Diverse Skeletons of Small Molecules Combinatorially. <i>Science</i> , 2003, 302, 613-618.	20.9	375
31	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Cell</i> , 2016, 167, 171-186.e15.	27.8	371
32	Signaling Network Model of Chromatin. <i>Cell</i> , 2002, 111, 771-778.	27.8	358
33	Immunophilin-sensitive protein phosphatase action in cell signaling pathways. <i>Cell</i> , 1992, 70, 365-368.	27.8	348
34	Perturbational profiling of a cell-line model of tumorigenesis by using metabolic measurements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5992-5997.	7.6	335
35	Molecular cloning and overexpression of the human FK506-binding protein FKBP. <i>Nature</i> , 1990, 346, 671-674.	36.2	330
36	N-oxide promoted pauson-khand cyclizations at room temperature. <i>Tetrahedron Letters</i> , 1990, 31, 5289-5292.	1.4	328

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37	DIMERIZATION AS A REGULATORY MECHANISM IN SIGNAL TRANSDUCTION. Annual Review of Immunology, 1998, 16, 569-592.	21.7	310
38	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
39	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
40	Small molecules: the missing link in the central dogma. Nature Chemical Biology, 2005, 1, 64-66.	8.0	298
41	The Rise of Molecular Glues. Cell, 2021, 184, 3-9.	27.8	296
42	Eine Strategie für die Diversitäts-orientierte Synthese. Angewandte Chemie, 2004, 116, 48-60.	2.1	287
43	Molecular diversity by design. Nature, 2009, 457, 153-154.	36.2	281
44	A small molecule that binds Hedgehog and blocks its signaling in human cells. Nature Chemical Biology, 2009, 5, 154-156.	8.0	277
45	Dimeric ligands define a role for transcriptional activation domains in reinitiation. Nature, 1996, 382, 822-826.	36.2	268
46	High-throughput identification of genotype-specific cancer vulnerabilities in mixtures of barcoded tumor cell lines. Nature Biotechnology, 2016, 34, 419-423.	20.8	267
47	Regulatory intramolecular association in a tyrosine kinase of the Tec family. Nature, 1997, 385, 93-97.	36.2	261
48	A Library of Spirooxindoles Based on a Stereoselective Three-Component Coupling Reaction. Journal of the American Chemical Society, 2004, 126, 16077-16086.	14.6	261
49	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. Nature Chemical Biology, 2020, 16, 497-506.	8.0	261
50	Pairwise Use of Complexity-Generating Reactions in Diversity-Oriented Organic Synthesis. Organic Letters, 2000, 2, 709-712.	4.8	249
51	Multiplex Cytological Profiling Assay to Measure Diverse Cellular States. PLoS ONE, 2013, 8, e80999.	2.5	243
52	Dissecting cellular processes using small molecules: identification of colchicine-like, taxol-like and other small molecules that perturb mitosis. Chemistry and Biology, 2000, 7, 275-286.	6.2	240
53	Finding new components of the target of rapamycin (TOR) signaling network through chemical genetics and proteome chips. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16594-16599.	7.6	227
54	Diversity-oriented synthesis yields novel multistage antimalarial inhibitors. Nature, 2016, 538, 344-349.	36.2	223

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55	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020, 182, 1009-1026.e29.	27.8	220
56	Synthesis, cellular evaluation, and mechanism of action of piperlongumine analogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15115-15120.	7.6	206
57	Small-Molecule Microarrays: A Covalent Attachment and Screening of Alcohol-Containing Small Molecules on Glass Slides. <i>Journal of the American Chemical Society</i> , 2000, 122, 7849-7850.	14.6	205
58	Toward performance-diverse small-molecule libraries for cell-based phenotypic screening using multiplexed high-dimensional profiling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10911-10916.	7.6	196
59	Chemical probes and drug leads from advances in synthetic planning and methodology. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 333-352.	61.5	191
60	Synthesis and Cellular Profiling of Diverse Organosilicon Small Molecules. <i>Journal of the American Chemical Society</i> , 2007, 129, 1020-1021.	14.6	188
61	Integration of Growth Factor and Nutrient Signaling. <i>Molecular Cell</i> , 2003, 12, 271-280.	9.6	186
62	Characterization of the Prion Protein Binding Properties of Antisense Oligonucleotides. <i>Biomolecules</i> , 2020, 10, 1.	4.2	186
63	On the Conformation and Structure of Organometal Complexes in the Solid State: Two Studies Relevant to Chemical Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 256-272.	4.9	185
64	Discovery of an Inhibitor of a Transcription Factor Using Small Molecule Microarrays and Diversity-Oriented Synthesis. <i>Journal of the American Chemical Society</i> , 2003, 125, 8420-8421.	14.6	184
65	A Synthesis Strategy Yielding Skeletally Diverse Small Molecules Combinatorially. <i>Journal of the American Chemical Society</i> , 2004, 126, 14095-14104.	14.6	181
66	Binding Affinity and Kinetic Analysis of Targeted Small Molecule-Modified Nanoparticles. <i>Bioconjugate Chemistry</i> , 2010, 21, 14-19.	3.8	181
67	A precision oncology approach to the pharmacological targeting of mechanistic dependencies in neuroendocrine tumors. <i>Nature Genetics</i> , 2018, 50, 979-989.	20.4	178
68	Fragmentation reactions of .alpha.-alkoxy hydroperoxides and application to the synthesis of the macrolide (.+.-)-recifeiolide. <i>Journal of the American Chemical Society</i> , 1980, 102, 6163-6165.	14.6	176
69	Breaking Continuous Flash Suppression: A New Measure of Unconscious Processing during Interocular Suppression?. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 167.	2.1	172
70	Development of small-molecule probes that selectively kill cells induced to express mutant RAS. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1822-1826.	2.3	170
71	Short Synthesis of Skeletally and Stereochemically Diverse Small Molecules by Coupling Petasis Condensation Reactions to Cyclization Reactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3635-3638.	14.8	159
72	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. <i>Nature Communications</i> , 2019, 10, 4346.	13.2	157

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73	Three-part inventions: intracellular signaling and induced proximity. <i>Trends in Biochemical Sciences</i> , 1996, 21, 418-422.	7.5	152
74	An expanded universe of cancer targets. <i>Cell</i> , 2021, 184, 1142-1155.	27.8	152
75	Natural Products as Probes of Cellular Function: Studies of Immunophilins. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 384-400.	4.9	149
76	High-Throughput Assay and Discovery of Small Molecules that Interrupt Malaria Transmission. <i>Cell Host and Microbe</i> , 2016, 19, 114-126.	11.0	148
77	A genetic basis for the variation in the vulnerability of cancer to DNA damage. <i>Nature Communications</i> , 2016, 7, 11428.	13.2	145
78	Selection of gp41-mediated HIV-1 cell entry inhibitors from biased combinatorial libraries of non-natural binding elements. <i>Nature Structural Biology</i> , 1999, 6, 953-960.	8.1	140
79	Synthesis of 7200 Small Molecules Based on a Substructural Analysis of the Histone Deacetylase Inhibitors Trichostatin and Trapoxin. <i>Organic Letters</i> , 2001, 3, 4239-4242.	4.8	140
80	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. <i>Cell</i> , 2015, 161, 1252-1265.	27.8	140
81	Organic synthesis toward small-molecule probes and drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6699-6702.	7.6	138
82	Unifying principles of bifunctional, proximity-inducing small molecules. <i>Nature Chemical Biology</i> , 2020, 16, 369-378.	8.0	134
83	Relationship of Stereochemical and Skeletal Diversity of Small Molecules to Cellular Measurement Space. <i>Journal of the American Chemical Society</i> , 2004, 126, 14740-14745.	14.6	129
84	A Robust Small-Molecule Microarray Platform for Screening Cell Lysates. <i>Chemistry and Biology</i> , 2006, 13, 493-504.	6.2	127
85	Complex $\beta$ -Pyrones Synthesized by a Gold-Catalyzed Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8250-8253.	14.8	126
86	Persister cancer cells: Iron addiction and vulnerability to ferroptosis. <i>Molecular Cell</i> , 2022, 82, 728-740.	9.6	126
87	Small-molecule targeting of brachyury transcription factor addiction in chordoma. <i>Nature Medicine</i> , 2019, 25, 292-300.	30.1	125
88	Skeletal Diversity via a Branched Pathway: An Efficient Synthesis of 29,400 Discrete, Polycyclic Compounds and Their Arraying into Stock Solutions. <i>Journal of the American Chemical Society</i> , 2002, 124, 13402-13404.	14.6	124
89	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. <i>Cell</i> , 2019, 179, 1222-1238.e17.	27.8	120
90	A one-bead, one-stock solution approach to chemical genetics: part 1. <i>Chemistry and Biology</i> , 2001, 8, 1167-1182.	6.2	118

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91	Discovery of selective small-molecule HDAC6 inhibitor for overcoming proteasome inhibitor resistance in multiple myeloma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13162-13167.	7.6	118
92	Skeletal Diversity via a Folding Pathway: Synthesis of Indole Alkaloid-Like Skeletons. <i>Organic Letters</i> , 2005, 7, 47-50.	4.8	116
93	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.	6.8	116
94	Structural Biasing Elements for In-Cell Histone Deacetylase Paralog Selectivity. <i>Journal of the American Chemical Society</i> , 2003, 125, 5586-5587.	14.6	115
95	Integrative Radiogenomic Profiling of Squamous Cell Lung Cancer. <i>Cancer Research</i> , 2013, 73, 6289-6298.	0.9	113
96	An Alkylsilyl-Tethered, High-Capacity Solid Support Amenable to Diversity-Oriented Synthesis for One-Bead, One-Stock Solution Chemical Genetics. <i>ACS Combinatorial Science</i> , 2001, 3, 312-318.	3.4	111
97	Genetic basis of individual differences in the response to small-molecule drugs in yeast. <i>Nature Genetics</i> , 2007, 39, 496-502.	20.4	111
98	Synthesis of a Bicyclic Azetidine with In Vivo Antimalarial Activity Enabled by Stereospecific, Directed C(sp <sup>3</sup> ) <sup>3</sup> Arylation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11300-11306.	14.6	111
99	Synthesis and Conformation-Activity Relationships of the Peptide Isosteres of FK228 and Largazole. <i>Journal of the American Chemical Society</i> , 2009, 131, 2900-2905.	14.6	107
100	Niche-based screening identifies small-molecule inhibitors of leukemia stem cells. <i>Nature Chemical Biology</i> , 2013, 9, 840-848.	8.0	105
101	A small-molecule allosteric inhibitor of <i>Mycobacterium tuberculosis</i> tryptophan synthase. <i>Nature Chemical Biology</i> , 2017, 13, 943-950.	8.0	104
102	A one-bead, one-stock solution approach to chemical genetics: part 2. <i>Chemistry and Biology</i> , 2001, 8, 1183-1195.	6.2	102
103	Quantifying structure and performance diversity for sets of small molecules comprising small-molecule screening collections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6817-6822.	7.6	99
104	The Power of Sophisticated Phenotypic Screening and Modern Mechanism-of-Action Methods. <i>Cell Chemical Biology</i> , 2016, 23, 3-9.	5.2	99
105	Expanding the Functional Group Compatibility of Small-Molecule Microarrays: Discovery of Novel Calmodulin Ligands. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2376-2379.	14.8	98
106	Microarray-based method for monitoring yeast overexpression strains reveals small-molecule targets in TOR pathway. <i>Nature Chemical Biology</i> , 2006, 2, 103-109.	8.0	98
107	Phosphorylation-Inducing Chimeric Small Molecules. <i>Journal of the American Chemical Society</i> , 2020, 142, 14052-14057.	14.6	96
108	Syntheses of $\pm$ -Pyrone Using Gold-Catalyzed Coupling Reactions. <i>Organic Letters</i> , 2011, 13, 2834-2836.	4.8	93

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109	Rational Design of Orthogonal Receptor-Ligand Combinations. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2129-2132.	4.9	91
110	Gold(I)-Catalyzed Coupling Reactions for the Synthesis of Diverse Small Molecules Using the Build/Couple/Pair Strategy. <i>Journal of the American Chemical Society</i> , 2009, 131, 5667-5674.	14.6	91
111	Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. <i>Neuropharmacology</i> , 2013, 64, 81-96.	4.2	91
112	Molecular Association between ATR and Two Components of the Nucleosome Remodeling and Deacetylating Complex, HDAC2 and CHD4. <i>Biochemistry</i> , 1999, 38, 14711-14717.	2.6	89
113	High-Throughput Luciferase-Based Assay for the Discovery of Therapeutics That Prevent Malaria. <i>ACS Infectious Diseases</i> , 2016, 2, 281-293.	4.0	89
114	Antisense oligonucleotides extend survival of prion-infected mice. <i>JCI Insight</i> , 2019, 4, .	5.0	89
115	Diacylfuroxans Are Masked Nitrile Oxides That Inhibit GPX4 Covalently. <i>Journal of the American Chemical Society</i> , 2019, 141, 20407-20415.	14.6	88
116	Synthesis and properties of poly(acrylamide-aniline)-grafted gum ghatti based nanospikes. <i>RSC Advances</i> , 2013, 3, 25830.	3.7	85
117	DNA Barcoding a Complete Matrix of Stereoisomeric Small Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 10225-10235.	14.6	85
118	Fluorous-Based Small-Molecule Microarrays for the Discovery of Histone Deacetylase Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7960-7964.	14.8	84
119	Discovery of histone deacetylase 8 selective inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2601-2605.	2.3	83
120	Prion protein lowering is a disease-modifying therapy across prion disease stages, strains and endpoints. <i>Nucleic Acids Research</i> , 2020, 48, 10615-10631.	14.0	83
121	Progress in Understanding Ferroptosis and Challenges in Its Targeting for Therapeutic Benefit. <i>Cell Chemical Biology</i> , 2020, 27, 463-471.	5.2	83
122	Single-Step Synthesis of Cell-Permeable Protein Dimerizers That Activate Signal Transduction and Gene Expression. <i>Journal of the American Chemical Society</i> , 1997, 119, 5106-5109.	14.6	82
123	A Boronic Ester Annulation Strategy for Diversity-Oriented Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 152-154.	14.8	82
124	Proximity versus allostery: the role of regulated protein dimerization in biology. <i>Chemistry and Biology</i> , 1994, 1, 131-136.	6.2	81
125	The effect of the immunosuppressant FK506 on alternate pathways of T cell activation. <i>European Journal of Immunology</i> , 1991, 21, 439-445.	3.3	80
126	Identification and Characterization of Small Molecule Inhibitors of a Class I Histone Deacetylase from <i>Plasmodium falciparum</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2185-2187.	6.6	79



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127	Distinct Biological Network Properties between the Targets of Natural Products and Disease Genes. <i>Journal of the American Chemical Society</i> , 2010, 132, 9259-9261.	14.6	79
128	Asymmetric Catalysis in Diversity-Oriented Organic Synthesis: Enantioselective Synthesis of 4320 Encoded and Spatially Segregated Dihydropyranocarboxamides. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3417-3421.	14.8	78
129	Identification of cancer-cytotoxic modulators of PDE3A by predictive chemogenomics. <i>Nature Chemical Biology</i> , 2016, 12, 102-108.	8.0	78
130	Convergent Diversity-Oriented Synthesis of Small-Molecule Hybrids. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2249-2252.	14.8	76
131	An Oligomer-Based Approach to Skeletal Diversity in Small-Molecule Synthesis. <i>Journal of the American Chemical Society</i> , 2006, 128, 14766-14767.	14.6	76
132	Synthetic Strategy toward Skeletal Diversity via Solid-Supported, Otherwise Unstable Reactive Intermediates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1681-1685.	14.8	75
133	Recent achievements and current trajectories of diversity-oriented synthesis. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 1-9.	6.4	74
134	Syntheses of aminoalcohol-derived macrocycles leading to a small-molecule binder to and inhibitor of Sonic Hedgehog. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6319-6325.	2.3	72
135	Small-molecule screening identifies inhibition of salt-inducible kinases as a therapeutic strategy to enhance immunoregulatory functions of dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12468-12473.	7.6	72
136	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. <i>Biochemistry</i> , 2018, 57, 2059-2060.	2.6	72
137	WOMBAT and WOMBAT-€PK: Bioactivity Databases for Lead and Drug Discovery. , 2007, , 760-786.		71
138	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.	2.4	68
139	The signaling adapter protein PINCH is up-regulated in the stroma of common cancers, notably at invasive edges. <i>Cancer</i> , 2002, 95, 1387-1395.	4.1	67
140	Catalytic Diastereoselective Petasis Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8172-8175.	14.8	67
141	An Alkynylboronic Ester Annulation: Development of Synthetic Methods for Application to Diversity-Oriented Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3272-3276.	14.8	66
142	Towards a treatment for genetic prion disease: trials and biomarkers. <i>Lancet Neurology</i> , The, 2020, 19, 361-368.	10.4	66
143	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.	14.6	66
144	Towards patient-based cancer therapeutics. <i>Nature Biotechnology</i> , 2010, 28, 904-906.	20.8	65

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145	NAMPT Is the Cellular Target of STF-31-Like Small-Molecule Probes. <i>ACS Chemical Biology</i> , 2014, 9, 2247-2254.	3.6	64
146	Small-molecule inducers of insulin expression in pancreatic $\beta$ -cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15099-15104.	7.6	63
147	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.	2.6	63
148	Mechanistic studies of a signaling pathway activated by the organic dimerizer FK1012. <i>Chemistry and Biology</i> , 1994, 1, 163-172.	6.2	61
149	Structure of guanine-nucleotide-exchange factor human Mss4 and identification of its Rab-interacting surface. <i>Nature</i> , 1995, 376, 788-791.	36.2	60
150	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.	7.6	59
151	Linking Tumor Mutations to Drug Responses via a Quantitative Chemical-Genetic Interaction Map. <i>Cancer Discovery</i> , 2015, 5, 154-167.	14.2	59
152	Development of Chemical Probes for Investigation of Salt-Inducible Kinase Function <i>in Vivo</i> . <i>ACS Chemical Biology</i> , 2016, 11, 2105-2111.	3.6	59
153	Small-Molecule Diversity Using a Skeletal Transformation Strategy. <i>Organic Letters</i> , 2005, 7, 2535-2538.	4.8	58
154	Discovery of Small-Molecule Enhancers of Reactive Oxygen Species That are Nontoxic or Cause Genotype-Selective Cell Death. <i>ACS Chemical Biology</i> , 2013, 8, 923-929.	3.6	58
155	DNA-Compatible [3 + 2] Nitrene-Olefin Cycloaddition Suitable for DEL Syntheses. <i>Organic Letters</i> , 2019, 21, 1325-1330.	4.8	58
156	Chemical Genomic Profiling of Biological Networks Using Graph Theory and Combinations of Small Molecule Perturbations. <i>Journal of the American Chemical Society</i> , 2003, 125, 10543-10545.	14.6	57
157	Targeted Protein Degradation by Electrophilic PROTACs that Stereoselectively and Site-Specifically Engage DCAF1. <i>Journal of the American Chemical Society</i> , 2022, 144, 18688-18699.	14.6	57
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