

Stuart L Schreiber

List of Publications by Citations

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309
papers

45,102
citations

90
h-index

211
g-index

341
ext. papers

52,081
ext. citations

16.1
avg, IF

7.59
L-index

#	Paper	IF	Citations
309	Calcineurin is a common target of cyclophilin-cyclosporin A and FKBP-FK506 complexes. <i>Cell</i> , 1991 , 66, 807-15	56.2	3538
308	Regulation of ferroptotic cancer cell death by GPX4. <i>Cell</i> , 2014 , 156, 317-331	56.2	2104
307	The M2 splice isoform of pyruvate kinase is important for cancer metabolism and tumour growth. <i>Nature</i> , 2008 , 452, 230-3	50.4	2056
306	Printing proteins as microarrays for high-throughput function determination. <i>Science</i> , 2000 , 289, 1760-3	33.3	2033
305	The mechanism of action of cyclosporin A and FK506. <i>Trends in Immunology</i> , 1992 , 13, 136-42		1937
304	A mammalian protein targeted by G1-arresting rapamycin-receptor complex. <i>Nature</i> , 1994 , 369, 756-8	50.4	1617
303	Small molecule inhibitor of mitotic spindle bipolarity identified in a phenotype-based screen. <i>Science</i> , 1999 , 286, 971-4	33.3	1450
302	A planning strategy for diversity-oriented synthesis. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 46-58	16.4	1239
301	A receptor for the immunosuppressant FK506 is a cis-trans peptidyl-prolyl isomerase. <i>Nature</i> , 1989 , 341, 758-60	50.4	1216
300	A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles. <i>Cell</i> , 2017 , 171, 1437-1452.e17	56.2	1132
299	Lenalidomide causes selective degradation of IKZF1 and IKZF3 in multiple myeloma cells. <i>Science</i> , 2014 , 343, 301-5	33.3	969
298	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, 4389-94	11.5	890
297	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. <i>Nature</i> , 2011 , 475, 231-4	50.4	845
296	Control of p70 s6 kinase by kinase activity of FRAP in vivo. <i>Nature</i> , 1995 , 377, 441-6	50.4	626
295	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. <i>Nature</i> , 2017 , 547, 453-457	50.4	620
294	Chromatin deacetylation by an ATP-dependent nucleosome remodelling complex. <i>Nature</i> , 1998 , 395, 917-21	50.4	558
293	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, 8567-72	11.5	526

292	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. <i>Nature</i> , 2017 , 551, 247-250	50.4	522
291	Small molecules enhance autophagy and reduce toxicity in Huntington's disease models. <i>Nature Chemical Biology</i> , 2007 , 3, 331-8	11.7	513
290	Deacetylase enzymes: biological functions and the use of small-molecule inhibitors. <i>Chemistry and Biology</i> , 2002 , 9, 3-16		477
289	Towards the optimal screening collection: a synthesis strategy. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 48-56	16.4	471
288	Printing Small Molecules as Microarrays and Detecting Protein-Ligand Interactions en Masse. <i>Journal of the American Chemical Society</i> , 1999 , 121, 7967-7968	16.4	408
287	An interactive resource to identify cancer genetic and lineage dependencies targeted by small molecules. <i>Cell</i> , 2013 , 154, 1151-1161	56.2	392
286	Chemical genetics resulting from a passion for synthetic organic chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 1127-52	3.4	387
285	Correlating chemical sensitivity and basal gene expression reveals mechanism of action. <i>Nature Chemical Biology</i> , 2016 , 12, 109-16	11.7	365
284	Harnessing Connectivity in a Large-Scale Small-Molecule Sensitivity Dataset. <i>Cancer Discovery</i> , 2015 , 5, 1210-23	24.4	363
283	Generating diverse skeletons of small molecules combinatorially. <i>Science</i> , 2003 , 302, 613-8	33.3	350
282	Dissecting glucose signalling with diversity-oriented synthesis and small-molecule microarrays. <i>Nature</i> , 2002 , 416, 653-7	50.4	344
281	Signaling network model of chromatin. <i>Cell</i> , 2002 , 111, 771-8	56.2	319
280	Immunophilin-sensitive protein phosphatase action in cell signaling pathways. <i>Cell</i> , 1992 , 70, 365-8	56.2	309
279	Molecular cloning and overexpression of the human FK506-binding protein FKBP. <i>Nature</i> , 1990 , 346, 671-4	50.4	299
278	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, 5992-7	11.5	295
277	N-oxide promoted pauson-khand cyclizations at room temperature. <i>Tetrahedron Letters</i> , 1990 , 31, 5289-5292		291
276	Dimerization as a regulatory mechanism in signal transduction. <i>Annual Review of Immunology</i> , 1998 , 16, 569-92	34.7	279
275	Eine Strategie für die Diversitäts-orientierte Synthese. <i>Angewandte Chemie</i> , 2004 , 116, 48-60	3.6	261

274	Small molecules: the missing link in the central dogma. <i>Nature Chemical Biology</i> , 2005 , 1, 64-6	11.7	255
273	Small molecules of different origins have distinct distributions of structural complexity that correlate with protein-binding profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18787-92	11.5	253
272	From knowing to controlling: a path from genomics to drugs using small molecule probes. <i>Science</i> , 2003 , 300, 294-5	33.3	253
271	A library of spirooxindoles based on a stereoselective three-component coupling reaction. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16077-86	16.4	246
270	A small molecule that binds Hedgehog and blocks its signaling in human cells. <i>Nature Chemical Biology</i> , 2009 , 5, 154-6	11.7	239
269	Regulatory intramolecular association in a tyrosine kinase of the Tec family. <i>Nature</i> , 1997 , 385, 93-7	50.4	237
268	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7741-6	11.5	235
267	Dimeric ligands define a role for transcriptional activation domains in reinitiation. <i>Nature</i> , 1996 , 382, 822-6	50.4	234
266	Pairwise use of complexity-generating reactions in diversity-oriented organic synthesis. <i>Organic Letters</i> , 2000 , 2, 709-12	6.2	232
265	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , 2019 , 10, 1617	17.4	218
264	Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. <i>Cell</i> , 2016 , 167, 171-186.e15	56.2	214
263	Dissecting cellular processes using small molecules: identification of colchicine-like, taxol-like and other small molecules that perturb mitosis. <i>Chemistry and Biology</i> , 2000 , 7, 275-86		211
262	Finding new components of the target of rapamycin (TOR) signaling network through chemical genetics and proteome chips. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16594-9	11.5	208
261	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019 , 25, 850-860	50.5	188
260	Small-Molecule Microarrays: Covalent Attachment and Screening of Alcohol-Containing Small Molecules on Glass Slides. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7849-7850	16.4	177
259	High-throughput screening of small molecules in miniaturized mammalian cell-based assays involving post-translational modifications. <i>Chemistry and Biology</i> , 1999 , 6, 71-83		176
258	A synthesis strategy yielding skeletally diverse small molecules combinatorially. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14095-104	16.4	174
257	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, 15115-20	11.5	172

256	Integration of growth factor and nutrient signaling: implications for cancer biology. <i>Molecular Cell</i> , 2003 , 12, 271-80	17.6	172
255	Diversity-oriented synthesis yields novel multistage antimalarial inhibitors. <i>Nature</i> , 2016 , 538, 344-349	50.4	172
254	Synthesis and cellular profiling of diverse organosilicon small molecules. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1020-1	16.4	170
253	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, 8420-1	16.4	167
252	Binding affinity and kinetic analysis of targeted small molecule-modified nanoparticles. <i>Bioconjugate Chemistry</i> , 2010 , 21, 14-9	6.3	166
251	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		164
250	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, 3635-8	16.4	151
249	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , 2020 , 16, 302-309	11.7	144
248	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, 10911-6	11.5	141
247	Multiplex cytological profiling assay to measure diverse cellular states. <i>PLoS ONE</i> , 2013 , 8, e80999	3.7	136
246	Synthesis of 7200 small molecules based on a substructural analysis of the histone deacetylase inhibitors trichostatin and trapoxin. <i>Organic Letters</i> , 2001 , 3, 4239-42	6.2	131
245	Three-part inventions: intracellular signaling and induced proximity. <i>Trends in Biochemical Sciences</i> , 1996 , 21, 418-22	10.3	128
244	Natural Products as Probes of Cellular Function: Studies of Immunophilins. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 384-400		128
243	High-throughput identification of genotype-specific cancer vulnerabilities in mixtures of barcoded tumor cell lines. <i>Nature Biotechnology</i> , 2016 , 34, 419-23	44.5	127
242	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, 953-60		127
241	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, 6699-702	11.5	124
240	Relationship of stereochemical and skeletal diversity of small molecules to cellular measurement space. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14740-5	16.4	122
239	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , 2020 , 585, 603-608	50.4	121

238	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	16.4	119
237	Complex alpha-pyrone synthesized by a gold-catalyzed coupling reaction. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8250-3	16.4	118
236	Chemical probes and drug leads from advances in synthetic planning and methodology. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 333-352	64.1	117
235	A robust small-molecule microarray platform for screening cell lysates. <i>Chemistry and Biology</i> , 2006 , 13, 493-504		114
234	Skeletal diversity via a branched pathway: efficient synthesis of 29 400 discrete, polycyclic compounds and their arraying into stock solutions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13402-4	16.4	112
233	Skeletal diversity via a folding pathway: synthesis of indole alkaloid-like skeletons. <i>Organic Letters</i> , 2005 , 7, 47-50	6.2	109
232	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, 312-8		106
231	Structural biasing elements for in-cell histone deacetylase paralog selectivity. <i>Journal of the American Chemical Society</i> , 2003 , 125, 5586-7	16.4	104
230	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. <i>Cell</i> , 2015 , 161, 1252-65	56.2	100
229	Development of small-molecule probes that selectively kill cells induced to express mutant RAS. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 1822-6	2.9	99
228	Synthesis and conformation-activity relationships of the peptide isosteres of FK228 and largazole. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2900-5	16.4	98
227	A one-bead, one-stock solution approach to chemical genetics: part 1. <i>Chemistry and Biology</i> , 2001 , 8, 1167-82		98
226	Niche-based screening identifies small-molecule inhibitors of leukemia stem cells. <i>Nature Chemical Biology</i> , 2013 , 9, 840-848	11.7	96
225	A genetic basis for the variation in the vulnerability of cancer to DNA damage. <i>Nature Communications</i> , 2016 , 7, 11428	17.4	95
224	High-Throughput Assay and Discovery of Small Molecules that Interrupt Malaria Transmission. <i>Cell Host and Microbe</i> , 2016 , 19, 114-26	23.4	94
223	Genetic basis of individual differences in the response to small-molecule drugs in yeast. <i>Nature Genetics</i> , 2007 , 39, 496-502	36.3	93
222	A precision oncology approach to the pharmacological targeting of mechanistic dependencies in neuroendocrine tumors. <i>Nature Genetics</i> , 2018 , 50, 979-989	36.3	90
221	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. <i>Nature Communications</i> , 2019 , 10, 4346	17.4	89

220	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	11.5	89
219	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, 5667-74	16.4	88
218	Integrative radiogenomic profiling of squamous cell lung cancer. <i>Cancer Research</i> , 2013 , 73, 6289-98	10.1	83
217	Expanding the functional group compatibility of small-molecule microarrays: discovery of novel calmodulin ligands. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2376-9	16.4	83
216	A one-bead, one-stock solution approach to chemical genetics: part 2. <i>Chemistry and Biology</i> , 2001 , 8, 1183-95		83
215	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, 6817-22	11.5	81
214	Microarray-based method for monitoring yeast overexpression strains reveals small-molecule targets in TOR pathway. <i>Nature Chemical Biology</i> , 2006 , 2, 103-9	11.7	81
213	SnapShot: Ca ²⁺ -calcineurin-NFAT signaling. <i>Cell</i> , 2009 , 138, 210, 210.e1	56.2	80
212	Fluorous-based small-molecule microarrays for the discovery of histone deacetylase inhibitors. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7960-4	16.4	80
211	The identification of myriocin-binding proteins. <i>Chemistry and Biology</i> , 1999 , 6, 221-35		80
210	Molecular association between ATR and two components of the nucleosome remodeling and deacetylating complex, HDAC2 and CHD4. <i>Biochemistry</i> , 1999 , 38, 14711-7	3.2	80
209	Syntheses of β -pyrones using gold-catalyzed coupling reactions. <i>Organic Letters</i> , 2011 , 13, 2834-6	6.2	79
208	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	16.4	77
207	Rational Design of Orthogonal Receptor-Ligand Combinations. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 2129-2132		77
206	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. <i>Nature Chemical Biology</i> , 2020 , 16, 497-506	11.7	76
205	A small-molecule allosteric inhibitor of Mycobacterium tuberculosis tryptophan synthase. <i>Nature Chemical Biology</i> , 2017 , 13, 943-950	11.7	75
204	Crebinostat: a novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. <i>Neuropharmacology</i> , 2013 , 64, 81-96	5.5	75
203	An oligomer-based approach to skeletal diversity in small-molecule synthesis. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14766-7	16.4	74

202	Synthetic strategy toward skeletal diversity via solid-supported, otherwise unstable reactive intermediates. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1681-5	16.4	74
201	The Rise of Molecular Glues. <i>Cell</i> , 2021 , 184, 3-9	56.2	74
200	The effect of the immunosuppressant FK-506 on alternate pathways of T cell activation. <i>European Journal of Immunology</i> , 1991 , 21, 439-45	6.1	73
199	Discovery of histone deacetylase 8 selective inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2601-5	2.9	72
198	Synthesis of a Bicyclic Azetidine with In Vivo Antimalarial Activity Enabled by Stereospecific, Directed C(sp)-H Arylation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11300-11306	16.4	71
197	Convergent diversity-oriented synthesis of small-molecule hybrids. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2249-52	16.4	71
196	The Power of Sophisticated Phenotypic Screening and Modern Mechanism-of-Action Methods. <i>Cell Chemical Biology</i> , 2016 , 23, 3-9	8.2	70
195	Asymmetric Catalysis in Diversity-Oriented Organic Synthesis: Enantioselective Synthesis of 4320 Encoded and Spatially Segregated Dihydropyranocarboxamides We thank the National Institute of General Medical Sciences (GM-52067) for support of this research, and Dr. John Tallarico and Max Narovlyansky at the ICCB for generously providing resin for the library synthesis. We thank Dr.	16.4	69
194	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, 2185-7 <i>Journal of Medicinal Chemistry</i> , 2001 , 40, 3417-3421	8.3	68
193	Distinct biological network properties between the targets of natural products and disease genes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9259-61	16.4	67
192	Proximity versus allostery: the role of regulated protein dimerization in biology. <i>Chemistry and Biology</i> , 1994 , 1, 131-6		65
191	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, 6319-25	2.9	64
190	Small-molecule targeting of brachyury transcription factor addiction in chordoma. <i>Nature Medicine</i> , 2019 , 25, 292-300	50.5	62
189	Small molecules, big players: the National Cancer Institute's Initiative for Chemical Genetics. <i>Cancer Research</i> , 2006 , 66, 8935-42	10.1	62
188	High-Throughput Luciferase-Based Assay for the Discovery of Therapeutics That Prevent Malaria. <i>ACS Infectious Diseases</i> , 2016 , 2, 281-293	5.5	61
187	A boronic ester annulation strategy for diversity-oriented organic synthesis. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 152-4	16.4	60
186	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	7.6	59
185	Towards patient-based cancer therapeutics. <i>Nature Biotechnology</i> , 2010 , 28, 904-6	44.5	58

184	WOMBAT and WOMBAT-PK: Bioactivity Databases for Lead and Drug Discovery	760-786	58
183	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020 , 182, 1009-1026.e29		56.2 57
182	Small-molecule diversity using a skeletal transformation strategy. <i>Organic Letters</i> , 2005 , 7, 2535-8		6.2 55
181	Catalytic diastereoselective petasis reactions. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8172-5		16.4 54
180	Structure of guanine-nucleotide-exchange factor human Mss4 and identification of its Rab-interacting surface. <i>Nature</i> , 1995 , 376, 788-91		50.4 54
179	Evaluating drug targets through human loss-of-function genetic variation. <i>Nature</i> , 2020 , 581, 459-464		50.4 53
178	Unifying principles of bifunctional, proximity-inducing small molecules. <i>Nature Chemical Biology</i> , 2020 , 16, 369-378		11.7 53
177	Mechanistic studies of a signaling pathway activated by the organic dimerizer FK1012. <i>Chemistry and Biology</i> , 1994 , 1, 163-72		53
176	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, 923-9		4.9 52
175	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, 10543-5		16.4 52
174	Characterization of the Prion Protein Binding Properties of Antisense Oligonucleotides. <i>Biomolecules</i> , 2019 , 10,		5.9 52
173	Identification of cancer-cytotoxic modulators of PDE3A by predictive chemogenomics. <i>Nature Chemical Biology</i> , 2016 , 12, 102-8		11.7 51
172	Small-molecule inducers of insulin expression in pancreatic alpha-cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15099-104		11.5 51
171	An alkynylboronic ester annulation: development of synthetic methods for application to diversity-oriented organic synthesis. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3272-6		16.4 49
170	Diversity-Oriented Synthesis Yields a Novel Lead for the Treatment of Malaria. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 112-117		4.3 48
169	DNA Barcoding a Complete Matrix of Stereoisomeric Small Molecules. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10225-10235		16.4 47
168	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. <i>Cell</i> , 2019 , 179, 1222-1238.e17		56.2 47
167	NAMPT is the cellular target of STF-31-like small-molecule probes. <i>ACS Chemical Biology</i> , 2014 , 9, 2247-54		9 47

166	Stereochemical and skeletal diversity arising from amino propargylic alcohols. <i>Organic Letters</i> , 2010 , 12, 2822-5	6.2	47
165	DNA-Compatible [3 + 2] Nitron-Olefin Cycloaddition Suitable for DEL Syntheses. <i>Organic Letters</i> , 2019 , 21, 1325-1330	6.2	47
164	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	11.5	46
163	Skeletally diverse small molecules using a build/couple/pair strategy. <i>Organic Letters</i> , 2009 , 11, 1559-62	6.2	46
162	Antisense oligonucleotides extend survival of prion-infected mice. <i>JCI Insight</i> , 2019 , 5,	9.9	46
161	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, 12468-73	11.5	45
160	¹ H and ¹⁵ N assignments and secondary structure of the Src SH3 domain. <i>FEBS Letters</i> , 1993 , 324, 87-92	3.8	45
159	DiSCoVERing Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models with In Silico Analysis to Identify Novel Therapeutic Targets. <i>Clinical Cancer Research</i> , 2016 , 22, 3903-14	12.9	43
158	Diversity synthesis of complex pyridines yields a probe of a neurotrophic signaling pathway. <i>Organic Letters</i> , 2008 , 10, 2621-4	6.2	42
157	Linking tumor mutations to drug responses via a quantitative chemical-genetic interaction map. <i>Cancer Discovery</i> , 2015 , 5, 154-67	24.4	40
156	Macrocycloadditions leading to conformationally restricted small molecules. <i>Organic Letters</i> , 2006 , 8, 2063-6	6.2	40
155	Exploiting site-site interactions on solid support to generate dimeric molecules. <i>Organic Letters</i> , 2001 , 3, 1185-8	6.2	40
154	Combinatorial Synthesis and Multidimensional NMR Spectroscopy: An Approach to Understanding Protein-Ligand Interactions. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 953-969		39
153	The DNA damage mark pH2AX differentiates the cytotoxic effects of small molecule HDAC inhibitors in ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2011 , 12, 484-93	4.6	38
152	Exploring the Specificity Pockets of Two Homologous SH3 Domains Using Structure-Based, Split-Pool Synthesis and Affinity-Based Selection. <i>Journal of the American Chemical Society</i> , 1998 , 120, 23-29	16.4	38
151	An expanded universe of cancer targets. <i>Cell</i> , 2021 , 184, 1142-1155	56.2	38
150	Targeting Dependency on the GPX4 Lipid Peroxide Repair Pathway for Cancer Therapy. <i>Biochemistry</i> , 2018 , 57, 2059-2060	3.2	37
149	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	3.4	37

148	Development of ML390: A Human DHODH Inhibitor That Induces Differentiation in Acute Myeloid Leukemia. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 1112-1117	4.3	36
147	Recent achievements and current trajectories of diversity-oriented synthesis. <i>Current Opinion in Chemical Biology</i> , 2020 , 56, 1-9	9.7	36
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