Hening Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

151 papers	10,221 citations	45 h-index	100 g-index
211 ext. papers	12,282 ext. citations	11.3 avg, IF	6.23 L-index

#	Paper	IF	Citations
151	Translational Activation of ATF4 through Mitochondrial Anaplerotic Metabolic Pathways Is Required for DLBCL Growth and Survival.. *Blood Cancer Discovery*, **2022**, 3, 50-65	7	2
150	Altered succinylation of mitochondrial proteins, APP and tau in Alzheimer's disease.. *Nature Communications*, **2022**, 13, 159	17.4	3
149	Development of a NanoBRET assay to validate inhibitors of Sirt2-mediated lysine deacetylation and defatty-acylation that block prostate cancer cell migration.. *RSC Chemical Biology*, **2022**, 3, 468-485	3	1
148	Histone H2B Deacylation Selectivity: Exploring Chromatin's Dark Matter with an Engineered Sortase.. *Journal of the American Chemical Society*, **2022**,	16.4	3
147	Long-chain fatty acyl coenzyme A inhibits NME1/2 and regulates cancer metastasis.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2117013119	11.5	0
146	Oxygen level regulates N-terminal translation elongation of selected proteins through deoxyhypusine hydroxylation. *Cell Reports*, **2022**, 39, 110855	10.6	1
145	Binding Affinity Determines Substrate Specificity and Enables Discovery of Substrates for N-Myristoyltransferases.. *ACS Catalysis*, **2021**, 11, 14877-14883	13.1	2
144	Sirtuin 3 Inhibition Targets AML Stem Cells through Perturbation of Fatty Acid Oxidation. *Blood*, **2021**, 138, 2240-2240	2.2	
143	Attenuation of NLRP3 Inflammasome Activation by Indirubin-Derived PROTAC Targeting HDAC6. *ACS Chemical Biology*, **2021**,	4.9	3
142	Indirubin Derivatives as Dual Inhibitors Targeting Cyclin-Dependent Kinase and Histone Deacetylase for Treating Cancer. *Journal of Medicinal Chemistry*, **2021**, 64, 15280-15296	8.3	6
141	Understanding the Function of Mammalian Sirtuins and Protein Lysine Acylation. *Annual Review of Biochemistry*, **2021**, 90, 245-285	29.1	11
140	Pharmacological Advantage of SIRT2-Selective versus pan-SIRT1-3 Inhibitors. *ACS Chemical Biology*, **2021**, 16, 1266-1275	4.9	6
139	Dph3 Enables Aerobic Diphthamide Biosynthesis by Donating One Iron Atom to Transform a [3Fe-4S] to a [4Fe-4S] Cluster in Dph1-Dph2. *Journal of the American Chemical Society*, **2021**, 143, 9314-9319	16.4	1
138	Pharmacological and genetic perturbation establish SIRT5 as a promising target in breast cancer. *Oncogene*, **2021**, 40, 1644-1658	9.2	13
137	Protein cysteine palmitoylation in immunity and inflammation. *FEBS Journal*, **2021**,	5.7	6
136	Lysine Fatty Acylation: Regulatory Enzymes, Research Tools, and Biological Function. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 717503	5.7	4
135	High-Throughput Enzyme Assay for Screening Inhibitors of the ZDHHC3/7/20 Acyltransferases. *ACS Chemical Biology*, **2021**, 16, 1318-1324	4.9	0

134	Emerging roles of Sirtuin 2 in cardiovascular diseases. *FASEB Journal*, **2021**, 35, e21841	0.9	1
133	Sirtuin Modulators in Cellular and Animal Models of Human Diseases. *Frontiers in Pharmacology*, **2021**, 12, 735044	5.6	4
132	High-Throughput Screening Identifies Ascorbyl Palmitate as a SIRT2 Deacetylase and Defatty-Acylase Inhibitor. *ChemMedChem*, **2021**, 16, 3484-3494	3.7	
131	Cysteine derivatives as acetyl lysine mimics to inhibit zinc-dependent histone deacetylases for treating cancer. *European Journal of Medicinal Chemistry*, **2021**, 225, 113799	6.8	0
130	NAD+-consuming enzymes in immune defense against viral infection. *Biochemical Journal*, **2021**, 478, 4071-4092	3.8	4
129	TiPARP forms nuclear condensates to degrade HIF-1 and suppress tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 13447-13456	11.5	20
128	N-Myristoyltransferase as a Glycine and Lysine Myristoyltransferase in Cancer, Immunity, and Infections. *ACS Chemical Biology*, **2020**, 15, 1747-1758	4.9	10
127	NMT1 and NMT2 are lysine myristoyltransferases regulating the ARF6 GTPase cycle. *Nature Communications*, **2020**, 11, 1067	17.4	28
126	Diphthamide **2020**, 520-535		0
125	Structural Basis of the Substrate Selectivity of Viperin. *Biochemistry*, **2020**, 59, 652-662	3.2	12
124	A Regulatory Cysteine Residue Mediates Reversible Inactivation of NAD-Dependent Aldehyde Dehydrogenases to Promote Oxidative Stress Response. *ACS Chemical Biology*, **2020**, 15, 28-32	4.9	2
123	Garcinol Is an HDAC11 Inhibitor. *ACS Chemical Biology*, **2020**, 15, 2866-2871	4.9	8
122	A STAT3 palmitoylation cycle promotes T17 differentiation and colitis. *Nature*, **2020**, 586, 434-439	50.4	33
121	An improved 4Saminomethyltrioxsalen-based nucleic acid crosslinker for biotinylation of double-stranded DNA or RNA.. *RSC Advances*, **2020**, 10, 39870-39874	3.7	0
120	Substrate-Dependent Modulation of SIRT2 by a Fluorescent Probe, 1-Aminoanthracene. *Biochemistry*, **2020**, 59, 3869-3878	3.2	2
119	Simultaneous Inhibition of SIRT2 Deacetylase and Defatty-Acylase Activities via a PROTAC Strategy. *ACS Medicinal Chemistry Letters*, **2020**, 11, 2305-2311	4.3	13
118	SIRT2 and Lysine Fatty Acylation Regulate the Activity of RalB and Cell Migration. *ACS Chemical Biology*, **2019**, 14, 2014-2023	4.9	19
117	The asymmetric function of Dph1-Dph2 heterodimer in diphthamide biosynthesis. *Journal of Biological Inorganic Chemistry*, **2019**, 24, 777-782	3.7	5

116	Fluorogenic Assays for the Defatty-Acylase Activity of Sirtuins. *Methods in Molecular Biology*, **2019**, 2009, 129-136	1.4	1
115	Global Profiling of Sirtuin Deacylase Substrates Using a Chemical Proteomic Strategy and Validation by Fluorescent Labeling. *Methods in Molecular Biology*, **2019**, 2009, 137-147	1.4	2
114	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. *Cancer Cell*, **2019**, 35, 916-931.e9	23.5	37
113	Novel Lysine-Based Thioureas as Mechanism-Based Inhibitors of Sirtuin 2 (SIRT2) with Anticancer Activity in a Colorectal Cancer Murine Model. *Journal of Medicinal Chemistry*, **2019**, 62, 4131-4141	8.3	29
112	Enterobactin-Specific Antibodies Induced by a Novel Enterobactin Conjugate Vaccine. *Applied and Environmental Microbiology*, **2019**, 85,	4.8	10
111	Updates on the epigenetic roles of sirtuins. *Current Opinion in Chemical Biology*, **2019**, 51, 18-29	9.7	25
110	Loss of Sirtuin 1 Alters the Secretome of Breast Cancer Cells by Impairing Lysosomal Integrity. *Developmental Cell*, **2019**, 49, 393-408.e7	10.2	66
109	A Small-Molecule SIRT2 Inhibitor That Promotes K-Ras4a Lysine Fatty-Acylation. *ChemMedChem*, **2019**, 14, 744-748	3.7	25
108	A Glycoconjugated SIRT2 Inhibitor with Aqueous Solubility Allows Structure-Based Design of SIRT2 Inhibitors. *ACS Chemical Biology*, **2019**, 14, 1802-1810	4.9	15
107	Activity-Guided Design of HDAC11-Specific Inhibitors. *ACS Chemical Biology*, **2019**, 14, 1393-1397	4.9	26
106	The Crystal Structure of Dph2 in Complex with Elongation Factor 2 Reveals the Structural Basis for the First Step of Diphthamide Biosynthesis. *Biochemistry*, **2019**, 58, 4343-4351	3.2	3
105	HDAC11 regulates type I interferon signaling through defatty-acylation of SHMT2. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 5487-5492	11.5	79
104	SIRT5 stabilizes mitochondrial glutaminase and supports breast cancer tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**,	11.5	39
103	A Click Chemistry Approach Reveals the Chromatin-Dependent Histone H3K36 Deacylase Nature of SIRT7. *Journal of the American Chemical Society*, **2019**, 141, 2462-2473	16.4	23
102	Comparative Nucleotide-Dependent Interactome Analysis Reveals Shared and Differential Properties of KRas4a and KRas4b. *ACS Central Science*, **2018**, 4, 71-80	16.8	11
101	Protein Lipidation: Occurrence, Mechanisms, Biological Functions, and Enabling Technologies. *Chemical Reviews*, **2018**, 118, 919-988	68.1	166
100	Noncanonical Radical SAM Enzyme Chemistry Learned from Diphthamide Biosynthesis. *Biochemistry*, **2018**, 57, 3454-3459	3.2	11
99	Organometallic and radical intermediates reveal mechanism of diphthamide biosynthesis. *Science*, **2018**, 359, 1247-1250	33.3	32

98	The Enzymatic Activities of Sirtuins **2018**, 45-62		1
97	Direct Comparison of SIRT2 Inhibitors: Potency, Specificity, Activity-Dependent Inhibition, and On-Target Anticancer Activities. *ChemMedChem*, **2018**, 13, 1890-1894	3.7	28
96	HPLC-Based Enzyme Assays for Sirtuins. *Methods in Molecular Biology*, **2018**, 1813, 225-234	1.4	2
95	HDAC1 Governs Iron Homeostasis Independent of Histone Deacetylation in Iron-Overload Murine Models. *Antioxidants and Redox Signaling*, **2018**, 28, 1224-1237	8.4	12
94	Methods for Studying the Radical SAM Enzymes in Diphthamide Biosynthesis. *Methods in Enzymology*, **2018**, 606, 421-438	1.7	2
93	Selective Usage of Isozymes for Stress Response. *ACS Chemical Biology*, **2018**, 13, 3059-3064	4.9	3
92	-Palmitoylation of Junctional Adhesion Molecule C Regulates Its Tight Junction Localization and Cell Migration. *Journal of Biological Chemistry*, **2017**, 292, 5325-5334	5.4	20
91	Deacylation Mechanism by SIRT2 Revealed in the 1SSH-2SO-Myristoyl Intermediate Structure. *Cell Chemical Biology*, **2017**, 24, 339-345	8.2	31
90	Substrate-Dependent Cleavage Site Selection by Unconventional Radical S-Adenosylmethionine Enzymes in Diphthamide Biosynthesis. *Journal of the American Chemical Society*, **2017**, 139, 5680-5683	16.4	17
89	A Versatile Approach for Site-Specific Lysine Acylation in Proteins. *Angewandte Chemie*, **2017**, 129, 1665-1669	3.6	7
88	A Versatile Approach for Site-Specific Lysine Acylation in Proteins. *Angewandte Chemie - International Edition*, **2017**, 56, 1643-1647	16.4	44
87	SIRT7 Is an RNA-Activated Protein Lysine Deacylase. *ACS Chemical Biology*, **2017**, 12, 300-310	4.9	60
86	Using Clickable NAD Analogs to Label Substrate Proteins of PARPs. *Methods in Molecular Biology*, **2017**, 1608, 95-109	1.4	2
85	Probing the requirement for CD38 in retinoic acid-induced HL-60 cell differentiation with a small molecule dimerizer and genetic knockout. *Scientific Reports*, **2017**, 7, 17406	4.9	10
84	SIRT6 regulates Ras-related protein R-Ras2 by lysine defatty-acylation. *ELife*, **2017**, 6,	8.9	45
83	SIRT3 Is a Novel Metabolic Driver of and Therapeutic Target for Chemotherapy Resistant Dlbcls. *Blood*, **2017**, 130, 643-643	2.2	2
82	SIRT2 and lysine fatty acylation regulate the transforming activity of K-Ras4a. *ELife*, **2017**, 6,	8.9	45
81	Identifying the functional contribution of the defatty-acylase activity of SIRT6. *Nature Chemical Biology*, **2016**, 12, 614-20	11.7	68

80	Chemical genetic discovery of PARP targets reveals a role for PARP-1 in transcription elongation. *Science*, **2016**, 353, 45-50	33.3	225
79	An improved fluorogenic assay for SIRT1, SIRT2, and SIRT3. *Organic and Biomolecular Chemistry*, **2016**, 14, 2186-90	3.9	19
78	A SIRT2-Selective Inhibitor Promotes c-Myc Oncoprotein Degradation and Exhibits Broad Anticancer Activity. *Cancer Cell*, **2016**, 29, 297-310	24.3	129
77	SIRT5 Reveals Novel Enzymatic Activities of Sirtuins **2016**, 139-147		
76	Lysine fatty acylation promotes lysosomal targeting of TNF- *Scientific Reports*, **2016**, 6, 24371	4.9	24
75	Metabolomics-assisted proteomics identifies succinylation and SIRT5 as important regulators of cardiac function. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4320-5	11.5	169
74	SIRT7 Is Activated by DNA and Deacetylates Histone H3 in the Chromatin Context. *ACS Chemical Biology*, **2016**, 11, 742-7	4.9	41
73	The Substrate Specificity of Sirtuins. *Annual Review of Biochemistry*, **2016**, 85, 405-29	29.1	142
72	SIRT2 Reverses 4-Oxononanoyl Lysine Modification on Histones. *Journal of the American Chemical Society*, **2016**, 138, 12304-7	16.4	51
71	Cbr1 is a Dph3 reductase required for the tRNA wobble uridine modification. *Nature Chemical Biology*, **2016**, 12, 995-997	11.7	11
70	HDAC8 Catalyzes the Hydrolysis of Long Chain Fatty Acyl Lysine. *ACS Chemical Biology*, **2016**, 11, 2685-2692	4.9	60
69	Organometallic Complex Formed by an Unconventional Radical S-Adenosylmethionine Enzyme. *Journal of the American Chemical Society*, **2016**, 138, 9755-8	16.4	20
68	Efficient demyristoylase activity of SIRT2 revealed by kinetic and structural studies. *Scientific Reports*, **2015**, 5, 8529	4.9	118
67	Identification of proteins capable of metal reduction from the proteome of the Gram-positive bacterium Desulfotomaculum reducens MI-1 using an NADH-based activity assay. *Environmental Microbiology*, **2015**, 17, 1977-90	5.2	11
66	Inhibition of intestinal tumor formation by deletion of the DNA methyltransferase 3a. *Oncogene*, **2015**, 34, 1822-30	9.2	18
65	Molecular dissection of a putative iron reductase from Desulfotomaculum reducens MI-1. *Biochemical and Biophysical Research Communications*, **2015**, 467, 503-8	3.4	1
64	High-Resolution Metabolomics with Acyl-CoA Profiling Reveals Widespread Remodeling in Response to Diet. *Molecular and Cellular Proteomics*, **2015**, 14, 1489-500	7.6	68
63	Sirtuins in epigenetic regulation. *Chemical Reviews*, **2015**, 115, 2350-75	68.1	134

62	Sirtuins and Novel Protein Post Translational Modifications. *FASEB Journal*, **2015**, 29, 496.1	0.9	1
61	Dph7 catalyzes a previously unknown demethylation step in diphthamide biosynthesis. *Journal of the American Chemical Society*, **2014**, 136, 6179-82	16.4	21
60	Dph3 is an electron donor for Dph1-Dph2 in the first step of eukaryotic diphthamide biosynthesis. *Journal of the American Chemical Society*, **2014**, 136, 1754-7	16.4	50
59	Thiomyristoyl peptides as cell-permeable Sirt6 inhibitors. *Organic and Biomolecular Chemistry*, **2014**, 12, 7498-502	3.9	59
58	Revealing CD38 cellular localization using a cell permeable, mechanism-based fluorescent small-molecule probe. *Journal of the American Chemical Society*, **2014**, 136, 5656-63	16.4	31
57	Mammalian STE20-like kinase 2, not kinase 1, mediates photoreceptor cell death during retinal detachment. *Cell Death and Disease*, **2014**, 5, e1269	9.8	26
56	Sirtuin inhibitors as anticancer agents. *Future Medicinal Chemistry*, **2014**, 6, 945-66	4.1	111
55	A fluorogenic assay for screening Sirt6 modulators. *Organic and Biomolecular Chemistry*, **2013**, 11, 5213-6	3.9	40
54	The biosynthesis and biological function of diphthamide. *Critical Reviews in Biochemistry and Molecular Biology*, **2013**, 48, 515-21	8.7	49
53	Identification of lysine succinylation substrates and the succinylation regulatory enzyme CobB in Escherichia coli. *Molecular and Cellular Proteomics*, **2013**, 12, 3509-20	7.6	165
52	Succinate is an inflammatory signal that induces IL-1 through HIF-1 *Nature*, **2013**, 496, 238-42	50.4	1930
51	SIRT6 regulates TNF- secretion through hydrolysis of long-chain fatty acyl lysine. *Nature*, **2013**, 496, 110-3	50.4	503
50	Identification of ADP-ribosylation sites of CD38 mutants by precursor ion scanning mass spectrometry. *Analytical Biochemistry*, **2013**, 433, 218-26	3.1	5
49	Metabolic characterization of a Sirt5 deficient mouse model. *Scientific Reports*, **2013**, 3, 2806	4.9	94
48	Detecting sirtuin-catalyzed deacylation reactions using P-labeled NAD and thin-layer chromatography. *Methods in Molecular Biology*, **2013**, 1077, 179-89	1.4	2
47	Plasmodium falciparum Sir2A preferentially hydrolyzes medium and long chain fatty acyl lysine. *ACS Chemical Biology*, **2012**, 7, 155-9	4.9	56
46	Protein lysine acylation and cysteine succination by intermediates of energy metabolism. *ACS Chemical Biology*, **2012**, 7, 947-60	4.9	162
45	YBR246W is required for the third step of diphthamide biosynthesis. *Journal of the American Chemical Society*, **2012**, 134, 773-6	16.4	27

44	Thiosuccinyl peptides as Sirt5-specific inhibitors. *Journal of the American Chemical Society*, **2012**, 134, 1922-5	16.4	59
43	Chemogenomic approach identified yeast YLR143W as diphthamide synthetase. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 19983-7	11.5	20
42	The bicyclic intermediate structure provides insights into the desuccinylation mechanism of human sirtuin 5 (SIRT5). *Journal of Biological Chemistry*, **2012**, 287, 28307-14	5.4	64
41	Labeling Substrate Proteins of Poly(ADP-ribose) Polymerases with Clickable NAD Analog. *Current Protocols in Chemical Biology*, **2012**, 4, 19-34	1.8	1
40	The unusual enzyme chemistry in diphthamide biosynthesis. *FASEB Journal*, **2012**, 26, 470.3	0.9	
39	Sirt5 is a NAD-dependent protein lysine demalonylase and desuccinylase. *Science*, **2011**, 334, 806-9	33.3	924
38	ATRA-induced HL-60 myeloid leukemia cell differentiation depends on the CD38 cytosolic tail needed for membrane localization, but CD38 enzymatic activity is unnecessary. *Experimental Cell Research*, **2011**, 317, 910-9	4.2	18
37	S-Adenosylmethionine-dependent alkylation reactions: when are radical reactions used?. *Bioorganic Chemistry*, **2011**, 39, 161-70	5.1	35
36	Mechanistic understanding of Pyrococcus horikoshii Dph2, a [4Fe-4S] enzyme required for diphthamide biosynthesis. *Molecular BioSystems*, **2011**, 7, 74-81		34
35	Diphthamide biosynthesis requires an organic radical generated by an iron-sulphur enzyme. *Nature*, **2010**, 465, 891-6	50.4	153
34	Reconstitution of diphthine synthase activity in vitro. *Biochemistry*, **2010**, 49, 9649-57	3.2	17
33	Clickable NAD analogues for labeling substrate proteins of poly(ADP-ribose) polymerases. *Journal of the American Chemical Society*, **2010**, 132, 9363-72	16.4	98
32	Structural basis for enzymatic evolution from a dedicated ADP-ribosyl cyclase to a multifunctional NAD hydrolase. *Journal of Biological Chemistry*, **2009**, 284, 27637-45	5.4	46
31	Mechanism-based small molecule probes for labeling CD38 on live cells. *Journal of the American Chemical Society*, **2009**, 131, 1658-9	16.4	28
30	Investigating the ADP-ribosyltransferase activity of sirtuins with NAD analogues and 32P-NAD. *Biochemistry*, **2009**, 48, 2878-90	3.2	135
29	High-throughput selection for cellulase catalysts using chemical complementation. *Journal of the American Chemical Society*, **2008**, 130, 17446-52	16.4	35
28	Post-Translational Modifications to Regulate Protein Function **2008**, 1		2
27	Covalent and noncovalent intermediates of an NAD utilizing enzyme, human CD38. *Chemistry and Biology*, **2008**, 15, 1068-78		32

26	Nicotinamide adenine dinucleotide: beyond a redox coenzyme. *Organic and Biomolecular Chemistry*, **2007**, 5, 2541-54	3.9	60
25	The pathogen-associated iroA gene cluster mediates bacterial evasion of lipocalin 2. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 16502-7	11.5	228
24	Enzymatic tailoring of enterobactin alters membrane partitioning and iron acquisition. *ACS Chemical Biology*, **2006**, 1, 29-32	4.9	41
23	Bromoenterobactins as potent inhibitors of a pathogen-associated, siderophore-modifying C-glycosyltransferase. *Journal of the American Chemical Society*, **2006**, 128, 9324-5	16.4	6
22	How pathogenic bacteria evade mammalian sabotage in the battle for iron. *Nature Chemical Biology* , **2006**, 2, 132-8	11.7	239
21	Optimized design and synthesis of chemical dimerizer substrates for detection of glycosynthase activity via chemical complementation. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 6940-53	3.4	8
20	In vitro characterization of salmochelin and enterobactin trilactone hydrolases IroD, IroE, and Fes. *Journal of the American Chemical Society*, **2005**, 127, 11075-84	16.4	141
19	Investigation of the mechanism of resistance to third-generation cephalosporins by class C beta-lactamases by using chemical complementation. *ChemBioChem*, **2005**, 6, 2055-67	3.8	7
18	In vitro characterization of IroB, a pathogen-associated C-glycosyltransferase. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 571-6	11.5	138
17	Enhanced macrocyclizing activity of the thioesterase from tyrocidine synthetase in presence of nonionic detergent. *Chemistry and Biology*, **2004**, 11, 1573-82		21
16	Macrolactamization of glycosylated peptide thioesters by the thioesterase domain of tyrocidine synthetase. *Chemistry and Biology*, **2004**, 11, 1635-42		39
15	A chemoenzymatic approach to glycopeptide antibiotics. *Journal of the American Chemical Society*, **2004**, 126, 13998-4003	16.4	144
14	Directed evolution of a glycosynthase via chemical complementation. *Journal of the American Chemical Society*, **2004**, 126, 15051-9	16.4	90
13	Programming peptidomimetic syntheses by translating genetic codes designed de novo. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 6353-7	11.5	173
12	Screening- und Selektionsmethoden f□ die Analyse von Proteinfunktionen in gro□m Ma□tab. *Angewandte Chemie*, **2002**, 114, 4580-4606	3.6	11
11	Screening and selection methods for large-scale analysis of protein function. *Angewandte Chemie - International Edition*, **2002**, 41, 4402-25	16.4	102
10	Receptor-dependence of the transcription read-out in a small-molecule three-hybrid system. *ChemBioChem*, **2002**, 3, 887-95	3.8	34
9	Chemical complementation: a reaction-independent genetic assay for enzyme catalysis. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 16537-42	11.5	81

8	In-vo-Testsysteme f Protein-Protein-Wechselwirkungen: eine Methode nicht nur f Proteine. *Angewandte Chemie*, **2001**, 113, 895-899	3.6	6
7	In Vivo Protein-Protein Interaction Assays: Beyond Proteins. *Angewandte Chemie - International Edition*, **2001**, 40, 871-875	16.4	19
6	Polyploids require Bik1 for kinetochore-microtubule attachment. *Journal of Cell Biology*, **2001**, 155, 1173-84	7.54	91
5	In Vivo Protein-Protein Interaction Assays: Beyond Proteins We would like to thank Tony Siu, Dr. Charles Cho, and the members of our lab for their helpful comments as we were preparing this manuscript.. *Angewandte Chemie - International Edition*, **2001**, 40, 871-875	16.4	4
4	Dexamethasone Methotrexate: An Efficient Chemical Inducer of Protein Dimerization In Vivo. *Journal of the American Chemical Society*, **2000**, 122, 4247-4248	16.4	90
3	Failure of B-cell differentiation in mice lacking the transcription factor EBF. *Nature*, **1995**, 376, 263-7	50.4	547
2	Expression of recombinant genes in myocardium in vivo after direct injection of DNA. *Circulation*, **1990**, 82, 2217-21	16.7	344
1	Yeast n-Hybrid Systems for Molecular Evolution127-158		