

Dehua Pei

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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.

166 papers	6,765 citations	50 h-index	72 g-index
204 ext. papers	7,524 ext. citations	6.5 avg, IF	6.13 L-index

#	Paper	IF	Citations
166	Intramolecular regulation of protein tyrosine phosphatase SH-PTP1: a new function for Src homology 2 domains. <i>Biochemistry</i> , 1994 , 33, 15483-93	3.2	190
165	Discovery and Mechanism of Highly Efficient Cyclic Cell-Penetrating Peptides. <i>Biochemistry</i> , 2016 , 55, 2601-12	3.2	175
164	Understanding Cell Penetration of Cyclic Peptides. <i>Chemical Reviews</i> , 2019 , 119, 10241-10287	68.1	164
163	Peptide Deformylase: A New Type of Mononuclear Iron Protein. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12418-12419	16.4	139
162	Differential functions of the two Src homology 2 domains in protein tyrosine phosphatase SH-PTP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 1141-5	11.5	129
161	Efficient delivery of cyclic peptides into mammalian cells with short sequence motifs. <i>ACS Chemical Biology</i> , 2013 , 8, 423-31	4.9	127
160	Early endosomal escape of a cyclic cell-penetrating peptide allows effective cytosolic cargo delivery. <i>Biochemistry</i> , 2014 , 53, 4034-46	3.2	119
159	Crystal structure of the Escherichia coli peptide deformylase. <i>Biochemistry</i> , 1997 , 36, 13904-9	3.2	118
158	Overcoming Endosomal Entrapment in Drug Delivery. <i>Bioconjugate Chemistry</i> , 2019 , 30, 273-283	6.3	112
157	Inhibition of Ras signaling by blocking Ras-effector interactions with cyclic peptides. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7602-6	16.4	111
156	Decoding protein-protein interactions through combinatorial chemistry: sequence specificity of SHP-1, SHP-2, and SHIP SH2 domains. <i>Biochemistry</i> , 2005 , 44, 14932-47	3.2	111
155	Haloacetophenone Derivatives As Photoreversible Covalent Inhibitors of Protein Tyrosine Phosphatases. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5085-5086	16.4	110
154	Protein N-terminal processing: substrate specificity of Escherichia coli and human methionine aminopeptidases. <i>Biochemistry</i> , 2010 , 49, 5588-99	3.2	109
153	Characterization of cobalt(II)-substituted peptide deformylase: function of the metal ion and the catalytic residue Glu-133. <i>Biochemistry</i> , 2000 , 39, 779-90	3.2	107
152	Purification, characterization, and inhibition of peptide deformylase from Escherichia coli. <i>Biochemistry</i> , 1997 , 36, 13910-8	3.2	104
151	Screening bicyclic peptide libraries for protein-protein interaction inhibitors: discovery of a tumor necrosis factor- α antagonist. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11990-5	16.4	100
150	Characterization of a human peptide deformylase: implications for antibacterial drug design. <i>Biochemistry</i> , 2003 , 42, 9952-8	3.2	96

149	High-throughput sequence determination of cyclic peptide library members by partial Edman degradation/mass spectrometry. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13000-9	16.4	92
148	Macrocycles as protein-protein interaction inhibitors. <i>Biochemical Journal</i> , 2017 , 474, 1109-1125	3.8	91
147	Cell-permeable bicyclic peptide inhibitors against intracellular proteins. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9830-3	16.4	87
146	S-Ribosylhomocysteinase (LuxS) is a mononuclear iron protein. <i>Biochemistry</i> , 2003 , 42, 4717-26	3.2	87
145	Discovery of a Direct Ras Inhibitor by Screening a Combinatorial Library of Cell-Permeable Bicyclic Peptides. <i>ACS Combinatorial Science</i> , 2016 , 18, 75-85	3.9	86
144	The stress response to ionizing radiation involves c-Abl-dependent phosphorylation of SHPTP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 6898-901	11.5	79
143	Bicyclic Peptides as Next-Generation Therapeutics. <i>Chemistry - A European Journal</i> , 2017 , 23, 12690-12703	3.8	73
142	Structure of the FHA1 domain of yeast Rad53 and identification of binding sites for both FHA1 and its target protein Rad9. <i>Journal of Molecular Biology</i> , 2000 , 304, 941-51	6.5	71
141	Substrate recognition through a PDZ domain in tail-specific protease. <i>Biochemistry</i> , 2000 , 39, 3149-55	3.2	69
140	Structural basis for the design of antibiotics targeting peptide deformylase. <i>Biochemistry</i> , 1999 , 38, 4712-9	3.2	69
139	Targeting intracellular protein-protein interactions with cell-permeable cyclic peptides. <i>Current Opinion in Chemical Biology</i> , 2017 , 38, 80-86	9.7	68
138	Oxygen-mediated inactivation of peptide deformylase. <i>Journal of Biological Chemistry</i> , 1998 , 273, 22305-10	5.1	68
137	Monitoring the cytosolic entry of cell-penetrating peptides using a pH-sensitive fluorophore. <i>Chemical Communications</i> , 2015 , 51, 2162-5	5.8	67
136	Substrate specificity of protein tyrosine phosphatases 1B, RPTP β , SHP-1, and SHP-2. <i>Biochemistry</i> , 2011 , 50, 2339-56	3.2	67
135	Design and synthesis of substrate and intermediate analogue inhibitors of S-ribosylhomocysteinase. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3003-11	8.3	67
134	Synthesis and antibacterial activity of peptide deformylase inhibitors. <i>Biochemistry</i> , 2000 , 39, 4543-51	3.2	67
133	Overexpression, purification, and characterization of SHPTP1, a Src homology 2-containing protein-tyrosine-phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 1092-6	11.5	66
132	Mechanism of action of S-ribosylhomocysteinase (LuxS). <i>Current Opinion in Chemical Biology</i> , 2004 , 8, 492-7	9.7	63

131	Traceless capping agent for peptide sequencing by partial edman degradation and mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 5935-9	7.8	62
130	On-bead screening of combinatorial libraries: reduction of nonspecific binding by decreasing surface ligand density. <i>ACS Combinatorial Science</i> , 2009 , 11, 604-11		60
129	Membrane permeable cyclic peptidyl inhibitors against human Peptidylprolyl Isomerase Pin1. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 2494-501	8.3	59
128	High-throughput sequencing of peptoids and peptide-peptoid hybrids by partial edman degradation and mass spectrometry. <i>ACS Combinatorial Science</i> , 2009 , 11, 294-302		59
127	Site-specific cleavage of duplex DNA by a semisynthetic nuclease via triple-helix formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 9858-62	11.5	58
126	Global analysis of peptide cyclization efficiency. <i>ACS Combinatorial Science</i> , 2013 , 15, 120-9	3.9	57
125	5-(2-Aminoethyl)dithio-2-nitrobenzoate as a more base-stable alternative to Ellman's reagent. <i>Organic Letters</i> , 2004 , 6, 3809-12	6.2	57
124	Determination of the binding specificity of the SH2 domains of protein tyrosine phosphatase SHP-1 through the screening of a combinatorial phosphotyrosyl peptide library. <i>Biochemistry</i> , 2000 , 39, 13251-60	3.2	57
123	A combinatorial approach toward DNA recognition. <i>Science</i> , 1991 , 253, 1408-11	33.3	57
122	Characterization of an eukaryotic peptide deformylase from <i>Plasmodium falciparum</i> . <i>Archives of Biochemistry and Biophysics</i> , 2001 , 396, 162-70	4.1	56
121	High-throughput screening of one-bead-one-compound libraries: identification of cyclic peptidyl inhibitors against calcineurin/NFAT interaction. <i>ACS Combinatorial Science</i> , 2011 , 13, 537-46	3.9	54
120	Determination of substrate specificity for peptide deformylase through the screening of a combinatorial peptide library. <i>Biochemistry</i> , 1999 , 38, 643-50	3.2	54
119	Intracellular Delivery of Peptidyl Ligands by Reversible Cyclization: Discovery of a PDZ Domain Inhibitor that Rescues CFTR Activity. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5874-8	16.4	52
118	Structure-based design of a macrocyclic inhibitor for peptide deformylase. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3771-4	8.3	52
117	Sequence specificity of SHP-1 and SHP-2 Src homology 2 domains. Critical roles of residues beyond the pY+3 position. <i>Journal of Biological Chemistry</i> , 2006 , 281, 20271-82	5.4	50
116	High-throughput synthesis and screening of cyclic peptide antibiotics. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3132-7	8.3	49
115	II. Structure and specificity of the interaction between the FHA2 domain of Rad53 and phosphotyrosyl peptides. <i>Journal of Molecular Biology</i> , 2000 , 302, 927-40	6.5	49
114	Inhibition of Ras-Effector Interaction by Cyclic Peptides. <i>MedChemComm</i> , 2013 , 4, 378-382	5	48

113	Macrocyclic inhibitors for peptide deformylase: a structure-activity relationship study of the ring size. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 4941-9	8.3	48
112	Two continuous spectrophotometric assays for methionine aminopeptidase. <i>Analytical Biochemistry</i> , 2000 , 280, 159-65	3.1	48
111	Substrate profiling of protein tyrosine phosphatase PTP1B by screening a combinatorial peptide library. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5366-7	16.4	47
110	LNK/SH2B3 regulates IL-7 receptor signaling in normal and malignant B-progenitors. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1267-81	15.9	47
109	Sequence-selective hydrolysis of duplex DNA by an oligonucleotide-directed nuclease. <i>Journal of the American Chemical Society</i> , 1989 , 111, 8523-8525	16.4	46
108	Catalytic mechanism of S-ribosylhomocysteinase (LuxS): direct observation of ketone intermediates by ¹³ C NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2003 , 125, 13379-81	16.4	45
107	Synthesis and screening of a cyclic peptide library: discovery of small-molecule ligands against human prolactin receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 1026-33	3.4	44
106	Continuous spectrophotometric assay of peptide deformylase. <i>Analytical Biochemistry</i> , 1997 , 250, 29-34	3.1	43
105	Peptidyl aldehydes as reversible covalent inhibitors of protein tyrosine phosphatases. <i>Biochemistry</i> , 2002 , 41, 10700-9	3.2	41
104	Enhancing the Cell Permeability and Metabolic Stability of Peptidyl Drugs by Reversible Bicyclization. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1525-1529	16.4	40
103	Mechanism of triptolide-induced apoptosis: Effect on caspase activation and Bid cleavage and essentiality of the hydroxyl group of triptolide. <i>Journal of Molecular Medicine</i> , 2006 , 84, 405-15	5.5	40
102	trans-Beta-nitrostyrene derivatives as slow-binding inhibitors of protein tyrosine phosphatases. <i>Biochemistry</i> , 2004 , 43, 15014-21	3.2	40
101	Determination of the substrate specificity of protein-tyrosine phosphatase TULA-2 and identification of Syk as a TULA-2 substrate. <i>Journal of Biological Chemistry</i> , 2010 , 285, 31268-76	5.4	38
100	Crystals of peptide deformylase from Plasmodium falciparum reveal critical characteristics of the active site for drug design. <i>Structure</i> , 2002 , 10, 357-67	5.2	38
99	Cell-Permeable Bicyclic Peptidyl Inhibitors against NEMO-IB Kinase Interaction Directly from a Combinatorial Library. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12102-12110	16.4	37
98	Probing the catalytic mechanism of S-ribosylhomocysteinase (LuxS) with catalytic intermediates and substrate analogues. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1243-50	16.4	36
97	A LuxP-based fluorescent sensor for bacterial autoinducer II. <i>ACS Chemical Biology</i> , 2008 , 3, 110-9	4.9	35
96	A LuxP-FRET-based reporter for the detection and quantification of AI-2 bacterial quorum-sensing signal compounds. <i>Biochemistry</i> , 2007 , 46, 3990-7	3.2	35

95	Defining SH2 domain and PTP specificity by screening combinatorial peptide libraries. <i>Methods</i> , 2007 , 42, 207-19	4.6	35
94	Crystal structure of S-ribosylhomocysteinase (LuxS) in complex with a catalytic 2-ketone intermediate. <i>Biochemistry</i> , 2005 , 44, 3745-53	3.2	35
93	Diverse levels of sequence selectivity and catalytic efficiency of protein-tyrosine phosphatases. <i>Biochemistry</i> , 2014 , 53, 397-412	3.2	34
92	Screening combinatorial libraries by mass spectrometry. 2. Identification of optimal substrates of protein tyrosine phosphatase SHP-1. <i>Biochemistry</i> , 2002 , 41, 6202-10	3.2	34
91	Identification of a potent peptide deformylase inhibitor from a rationally designed combinatorial library. <i>ACS Combinatorial Science</i> , 2000 , 2, 650-7		34
90	Enhancing the Cell Permeability of Stapled Peptides with a Cyclic Cell-Penetrating Peptide. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 10098-10107	8.3	32
89	Zinc is the metal cofactor of <i>Borrelia burgdorferi</i> peptide deformylase. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 468, 217-25	4.1	32
88	alpha-bromoacetophenone derivatives as neutral protein tyrosine phosphatase inhibitors: structure-Activity relationship. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 3047-50	2.9	32
87	An improved method for rapid sequencing of support-bound peptides by partial edman degradation and mass spectrometry. <i>ACS Combinatorial Science</i> , 2003 , 5, 218-22		32
86	Cyclic peptidyl inhibitors of Grb2 and tensin SH2 domains identified from combinatorial libraries. <i>ACS Combinatorial Science</i> , 2008 , 10, 247-55		31
85	S-Ribosylhomocysteine analogues with the carbon-5 and sulfur atoms replaced by a vinyl or (fluoro)vinyl unit. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 5090-102	3.4	31
84	Catalytic mechanism of S-ribosylhomocysteinase (LuxS): stereochemical course and kinetic isotope effect of proton transfer reactions. <i>Biochemistry</i> , 2004 , 43, 10166-72	3.2	31
83	Peptide deformylase: a target for novel antibiotics?. <i>Expert Opinion on Therapeutic Targets</i> , 2001 , 5, 23-40		31
82	Rapid sequencing of library-derived peptides by partial edman degradation and mass spectrometry. <i>ACS Combinatorial Science</i> , 2001 , 3, 251-4		31
81	Generation of a catalytic sequence-specific hybrid DNase. <i>Biochemistry</i> , 1989 , 28, 8277-86	3.2	31
80	Inhibition of S-ribosylhomocysteinase (LuxS) by substrate analogues modified at the ribosyl C-3 position. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6699-706	3.4	30
79	Slow-binding inhibition of the aminopeptidase from <i>Aeromonas proteolytica</i> by peptide thiols: synthesis and spectroscopic characterization. <i>Biochemistry</i> , 1999 , 38, 15587-96	3.2	30
78	Inhibition of LuxS by S-ribosylhomocysteine analogues containing a [4-aza]ribose ring. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 5507-19	3.4	29

77	H-phosphonate derivatives as novel peptide deformylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 2479-82	2.9	29
76	Cyclic peptide inhibitors of HIV-1 capsid-human lysyl-tRNA synthetase interaction. <i>ACS Chemical Biology</i> , 2012 , 7, 761-9	4.9	28
75	Distinct ligand specificity of the Tiam1 and Tiam2 PDZ domains. <i>Biochemistry</i> , 2011 , 50, 1296-308	3.2	28
74	Peptidyl hydroxamic acids as methionine aminopeptidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 77-9	2.9	28
73	A Selective, Cell-Permeable Nonphosphorylated Bicyclic Peptidyl Inhibitor against Peptidyl-Prolyl Isomerase Pin1. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 6306-12	8.3	27
72	Creating diverse target-binding surfaces on FKBP12: synthesis and evaluation of a rapamycin analogue library. <i>ACS Combinatorial Science</i> , 2011 , 13, 486-95	3.9	27
71	A photoactivated prodrug. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 2419-22	2.9	27
70	An improved crystal form of Plasmodium falciparum peptide deformylase. <i>Protein Science</i> , 2004 , 13, 1155-63	6.3	26
69	Cell-Penetrating Peptides Escape the Endosome by Inducing Vesicle Budding and Collapse. <i>ACS Chemical Biology</i> , 2020 , 15, 2485-2492	4.9	26
68	Non-Peptidic Cell-Penetrating Motifs for Mitochondrion-Specific Cargo Delivery. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17183-17188	16.4	26
67	Direct Ras Inhibitors Identified from a Structurally Rigidified Bicyclic Peptide Library. <i>Tetrahedron</i> , 2014 , 70, 7714-7720	2.4	25
66	Synthesis and screening of one-bead-one-compound cyclic peptide libraries. <i>Methods in Molecular Biology</i> , 2015 , 1248, 39-53	1.4	25
65	A chemical approach to the identification of tensin-binding proteins. <i>ACS Chemical Biology</i> , 2007 , 2, 109-119	4.9	24
64	Identification of a key amino acid of LuxS involved in AI-2 production in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2011 , 6, e15876	3.7	23
63	Site-specific cleavage of duplex DNA with a λ . repressor-staphylococcal nuclease hybrid. <i>Journal of the American Chemical Society</i> , 1990 , 112, 4579-4580	16.4	21
62	Engineering protein specificity: gene manipulation with semisynthetic nucleases. <i>Journal of the American Chemical Society</i> , 1991 , 113, 9398-9400	16.4	21
61	HDAC6 and Ubp-M BUZ domains recognize specific C-terminal sequences of proteins. <i>Biochemistry</i> , 2010 , 49, 10737-46	3.2	20
60	Determination of the sequence specificity of XIAP BIR domains by screening a combinatorial peptide library. <i>Biochemistry</i> , 2006 , 45, 14740-8	3.2	20

59	Simultaneous binding of two peptidyl ligands by a SRC homology 2 domain. <i>Biochemistry</i> , 2011 , 50, 7637-46	3.4	19
58	Peptidyl aldehydes as reversible covalent inhibitors of SRC homology 2 domains. <i>Biochemistry</i> , 2003 , 42, 5159-67	3.2	19
57	Activation of antibacterial prodrugs by peptide deformylase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 1073-6	2.9	19
56	Profiling the substrate specificity of protein kinases by on-bead screening of peptide libraries. <i>Biochemistry</i> , 2013 , 52, 5645-55	3.2	18
55	Synthesis and screening of support-bound combinatorial peptide libraries with free C-termini: determination of the sequence specificity of PDZ domains. <i>Biochemistry</i> , 2008 , 47, 3061-72	3.2	18
54	Altered -3 substrate specificity of Escherichia coli signal peptidase 1 mutants as revealed by screening a combinatorial peptide library. <i>Journal of Biological Chemistry</i> , 2007 , 282, 417-25	5.4	18
53	Inhibition of Ras Signaling by Blocking RasEffector Interactions with Cyclic Peptides. <i>Angewandte Chemie</i> , 2015 , 127, 7712-7716	3.6	17
52	The SH2 domains of inositol polyphosphate 5-phosphatases SHIP1 and SHIP2 have similar ligand specificity but different binding kinetics. <i>Biochemistry</i> , 2009 , 48, 11075-83	3.2	17
51	Design and synthesis of macrocyclic peptidyl hydroxamates as peptide deformylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 3060-3	2.9	17
50	Inhibition of nuclear factor of activated T cells (NFAT) c3 activation attenuates acute lung injury and pulmonary edema in murine models of sepsis. <i>Oncotarget</i> , 2018 , 9, 10606-10620	3.3	16
49	Identification of alpha-galactosyl epitope mimetics through rapid generation and screening of C-linked glycopeptide library. <i>ACS Combinatorial Science</i> , 2004 , 6, 126-34		16
48	Determination of the ionization state and catalytic function of Glu-133 in peptide deformylase by difference FTIR spectroscopy. <i>Biochemistry</i> , 2002 , 41, 10563-9	3.2	16
47	Alternative mode of binding to phosphotyrosyl peptides by Src homology-2 domains. <i>Biochemistry</i> , 2005 , 44, 12196-202	3.2	15
46	Generation of a cell-permeable cycloheptapeptidyl inhibitor against the peptidyl-prolyl isomerase Pin1. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4540-4543	3.9	13
45	Cyclic Cell-Penetrating Peptides with Single Hydrophobic Groups. <i>ChemBioChem</i> , 2019 , 20, 2085-2088	3.8	13
44	Specificity profiling of protein phosphatases toward phosphoseryl and phosphothreonyl peptides. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9760-7	16.4	13
43	Catalytic mechanism of S-ribosylhomocysteinase: ionization state of active-site residues. <i>Biochemistry</i> , 2006 , 45, 12195-203	3.2	13
42	Profiling the substrate specificity of viral protease VP4 by a FRET-based peptide library approach. <i>Biochemistry</i> , 2009 , 48, 5753-9	3.2	12

41	Reverse interactomics: decoding protein-protein interactions with combinatorial peptide libraries. <i>Molecular BioSystems</i> , 2007 , 3, 536-41		12
40	Purification and characterization of enzymes involved in the degradation of chemotactic N-formyl peptides. <i>Biochemistry</i> , 2005 , 44, 8514-22	3.2	12
39	Screening combinatorial libraries for optimal enzyme substrates by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1166-71	2.2	12
38	Crystal structure of the Red α -terminal domain in complex with β Exonuclease reveals an unexpected homology with β Drf and an interaction with Escherichia coli single stranded DNA binding protein. <i>Nucleic Acids Research</i> , 2019 , 47, 1950-1963	20.1	12
37	Development of a Cell-Permeable Cyclic Peptidyl Inhibitor against the Keap1-Nrf2 Interaction. <i>Journal of Organic Chemistry</i> , 2020 , 85, 1416-1424	4.2	12
36	Specificity profiling of dual specificity phosphatase vaccinia VH1-related (VHR) reveals two distinct substrate binding modes. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6498-510	5.4	11
35	Cell-permeable bicyclic peptidyl inhibitors against T-cell protein tyrosine phosphatase from a combinatorial library. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 9595-9598	3.9	11
34	On-bead library screening made easier. <i>Chemistry and Biology</i> , 2010 , 17, 3-4		11
33	Peptidyl aldehydes as slow-binding inhibitors of dual-specificity phosphatases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 685-7	2.9	11
32	Slow-binding inhibition of peptide deformylase by cyclic peptidomimetics as revealed by a new spectrophotometric assay. <i>Bioorganic Chemistry</i> , 2004 , 32, 178-91	5.1	10
31	A direct spectrophotometric assay for peptide deformylase. <i>Analytical Biochemistry</i> , 1999 , 273, 298-304	3.1	10
30	Direct Inhibitors of Ras-Effector Protein Interactions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 376-382	3.2	10
29	Targeting Ras with Macromolecules. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018 , 8,	5.4	9
28	Synthesis of 3,5-difluorotyrosine-containing peptides: application in substrate profiling of protein tyrosine phosphatases. <i>Organic Letters</i> , 2008 , 10, 4605-8	6.2	8
27	Engineering Cell-Permeable Proteins through Insertion of Cell-Penetrating Motifs into Surface Loops. <i>ACS Chemical Biology</i> , 2020 , 15, 2568-2576	4.9	8
26	Intracellular Delivery of Peptidyl Ligands by Reversible Cyclization: Discovery of a PDZ Domain Inhibitor that Rescues CFTR Activity. <i>Angewandte Chemie</i> , 2015 , 127, 5972-5976	3.6	7
25	A continuous fluorimetric assay for tail-specific protease. <i>Analytical Biochemistry</i> , 1998 , 263, 51-6	3.1	7
24	Non-Peptidic Cell-Penetrating Motifs for Mitochondrion-Specific Cargo Delivery. <i>Angewandte Chemie</i> , 2018 , 130, 17429-17434	3.6	7

23	Specificity profiling of protein-binding domains using one-bead-one-compound Peptide libraries. <i>Current Protocols in Chemical Biology</i> , 2012 , 4, 331-55	1.8	7
22	Cyclic Peptidyl Inhibitors against CAL/CFTR Interaction for Treatment of Cystic Fibrosis. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 15773-15784	8.3	6
21	Structure-based optimization of a peptidyl inhibitor against calcineurin-nuclear factor of activated T cell (NFAT) interaction. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7792-7	8.3	6
20	Systematic characterization of the specificity of the SH2 domains of cytoplasmic tyrosine kinases. <i>Journal of Proteomics</i> , 2013 , 81, 56-69	3.9	6
19	High-throughput screening of peptide deformylase inhibitors. <i>Methods in Molecular Medicine</i> , 2008 , 142, 117-30		6
18	An intracellular nanobody targeting T4SS effector inhibits infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
17	Developments with bead-based screening for novel drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019 , 14, 1097-1102	6.2	4
16	Serine proteases: how did chemists tease out their catalytic mechanism?. <i>ChemTexts</i> , 2019 , 5, 1	2.2	4
15	How Do Biomolecules Cross the Cell Membrane?. <i>Accounts of Chemical Research</i> , 2022 ,	24.3	4
14	Rational design of cell-permeable cyclic peptides containing a d-Pro-l-Pro motif. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115711	3.4	4
13	Enhancing the Cell Permeability and Metabolic Stability of Peptidyl Drugs by Reversible Bicyclization. <i>Angewandte Chemie</i> , 2017 , 129, 1547-1551	3.6	3
12	Designing Cell-Permeable Macrocyclic Peptides. <i>Methods in Molecular Biology</i> , 2019 , 2001, 41-59	1.4	3
11	Targeting intracellular protein-protein interactions with macrocyclic peptides.. <i>Trends in Pharmacological Sciences</i> , 2021 ,	13.2	3
10	A Peptidyl Inhibitor that Blocks Calcineurin-NFAT Interaction and Prevents Acute Lung Injury. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 12853-12872	8.3	3
9	Discovery of a Bicyclic Peptidyl Pan-Ras Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13038-13053	8.3	3
8	Cell-penetrating and mitochondrion-targeting molecules. <i>Methods in Enzymology</i> , 2020 , 641, 311-328	1.7	2
7	Bacterial Toxins Escape the Endosome by Inducing Vesicle Budding and Collapse. <i>ACS Chemical Biology</i> , 2021 , 16, 2415-2422	4.9	2
6	Screening One-Bead-One-Compound Peptide Libraries for Optimal Kinase Substrates. <i>Methods in Molecular Biology</i> , 2016 , 1360, 169-81	1.4	1

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