

Luis Moroder

List of Publications by Year in descending order

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296
papers

14,350
citations

30551

56
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33145

104
g-index

320
all docs

320
docs citations

320
times ranked

12588
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of TPR Domainâ€“Peptide Complexes. <i>Cell</i> , 2000, 101, 199-210.	13.5	1,126
2	Single-Molecule Optomechanical Cycle. <i>Science</i> , 2002, 296, 1103-1106.	6.0	780
3	Secretin receptor activity in rat gastric glands. Binding studies, cAMP generation and pharmacology. <i>Peptides</i> , 1986, 7, 155-163.	1.2	738
4	A gated channel into the proteasome core particle. <i>Nature Structural Biology</i> , 2000, 7, 1062-1067.	9.7	722
5	Di-tert.-butyldicarbonat â€” ein vorteilhaftes Reagenz zur EinfÃ¼hrung der tert.-Butyloxycarbonyl-Schutzgruppe. <i>Hoppe-Seyler's Zeitschrift FÃ¼r Physiologische Chemie</i> , 1976, 357, 1651-1654.	1.7	289
6	Iodoacetamide-induced artifact mimics ubiquitination in mass spectrometry. <i>Nature Methods</i> , 2008, 5, 459-460.	9.0	268
7	Azobenzene as Conformational Switch in Model Peptides. <i>ChemBioChem</i> , 2006, 7, 868-878.	1.3	244
8	Expansion of the Genetic Code Enables Design of a Novel â€œGoldâ€•Class of Green Fluorescent Proteins. <i>Journal of Molecular Biology</i> , 2003, 328, 1071-1081.	2.0	205
9	Ultrafast spectroscopy reveals subnanosecond peptide conformational dynamics and validates molecular dynamics simulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7998-8002.	3.3	199
10	Fluoroprolines as Tools for Protein Design and Engineering. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 923-925.	7.2	185
11	Isosteric replacement of sulfur with other chalcogens in peptides and proteins. <i>Journal of Peptide Science</i> , 2005, 11, 187-214.	0.8	165
12	Transient 2D-IR Spectroscopy: Snapshots of the Nonequilibrium Ensemble during the Picosecond Conformational Transition of a Small Peptide. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8654-8660.	1.2	160
13	Picosecond conformational transition and equilibration of a cyclic peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6452-6457.	3.3	156
14	Functional Incorporation of Integrins into Solid Supported Membranes on Ultrathin Films of Cellulose: Impact on Adhesion. <i>Biophysical Journal</i> , 2003, 85, 646-655.	0.2	153
15	Photomodulation of the Conformation of Cyclic Peptides with Azobenzene Moieties in the Peptide Backbone. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2771-2774.	7.2	136
16	The Redox Potential of Selenocystine in Unconstrained Cyclic Peptides. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 883-885.	4.4	134
17	Oxidative folding of cystine-rich peptides vs regioselective cysteine pairing strategies. , 1996, 40, 207-234.		124
18	New evidence for a membrane-bound pathway in hormone receptor binding. <i>Biochemistry</i> , 1993, 32, 13551-13559.	1.2	118

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19	Single Molecule Force Spectroscopy of Azobenzene Polymers: A Switching Elasticity of Single Photochromic Macromolecules. <i>Macromolecules</i> , 2003, 36, 2015-2023.	2.2	115
20	The cystine-stabilized β -helix: A common structural motif of ion-channel blocking neurotoxic peptides. <i>Biopolymers</i> , 1991, 31, 1213-1220.	1.2	108
21	Activation of snake venom metalloproteinases by a cysteine switch-like mechanism. <i>FEBS Letters</i> , 1993, 335, 76-80.	1.3	103
22	A Photocontrolled β^2 -Hairpin Peptide. <i>Chemistry - A European Journal</i> , 2006, 12, 1114-1120.	1.7	100
23	Photocontrolled Folding and Unfolding of a Collagen Triple Helix. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7015-7018.	7.2	99
24	Isomorphous replacement of cystine with selenocystine in endothelin: oxidative refolding, biological and conformational properties of [Sec3,Sec11,Nle7]-endothelin-1. <i>Journal of Molecular Biology</i> , 1998, 284, 779-792.	2.0	98
25	Design of anti- and pro-aggregation variants to assess the effects of methionine oxidation in human prion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7756-7761.	3.3	98
26	Synthetic Biology of Proteins: Tuning GFPs Folding and Stability with Fluoroproline. <i>PLoS ONE</i> , 2008, 3, e1680.	1.1	96
27	Design and synthesis of heterotrimeric collagen peptides with a built-in cystine-knot Models for collagen catabolism by matrix-metalloproteinases. <i>FEBS Letters</i> , 1996, 398, 31-36.	1.3	92
28	Disulfide-Bridged Heterotrimeric Collagen Peptides Containing the Collagenase Cleavage Site of Collagen Type I. Synthesis and Conformational Properties. <i>Journal of the American Chemical Society</i> , 1999, 121, 653-661.	6.6	92
29	Redox Potential of Azobenzene as an Amino Acid Residue in Peptides. <i>ChemBioChem</i> , 2007, 8, 591-594.	1.3	91
30	Toward the experimental codon reassignment <i>in vivo</i> : protein building with an expanded amino acid repertoire. <i>FASEB Journal</i> , 1999, 13, 41-51.	0.2	88
31	Light-triggered β^2 -hairpin folding and unfolding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15729-15734.	3.3	88
32	Atomic Mutations at the Single Tryptophan Residue of Human Recombinant Annexin V: Effects on Structure, Stability, and Activity. <i>Biochemistry</i> , 1999, 38, 10649-10659.	1.2	86
33	Practical aspects of the 2D 15N-[1h]-NOE experiment. <i>Journal of Biomolecular NMR</i> , 2002, 23, 23-33.	1.6	83
34	The Core Structure of TMC-95A Is a Promising Lead for Reversible Proteasome Inhibition This work was supported by the SFB 469 of the Ludwig-Maximilians-Universität München and the SPP 1045.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 780.	7.2	82
35	Preparation of Selenoinsulin as a Long-Lasting Insulin Analogue. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5522-5526.	7.2	80
36	Synthesis of Boron-Rich Lysine Dendrimers as Protein Labels in Electron Microscopy. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 909-911.	4.4	79

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37	Redox potentials of active-site bis(cysteiny) fragments of thiol-protein oxidoreductases. <i>Biochemistry</i> , 1993, 32, 7488-7495.	1.2	78
38	Global Replacement of Tryptophan with Aminotryptophans Generates Non-Invasive Protein-Based Optical pH Sensors. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4066-4069.	7.2	75
39	TMC-95-Based Inhibitor Design Provides Evidence for the Catalytic Versatility of the Proteasome. <i>Chemistry and Biology</i> , 2006, 13, 607-614.	6.2	75
40	1-(<i>S</i> -tert-Butylthio)-1,2-hydrazinedicarboxylic Acid Derivatives. New Reagents for the Introduction of the <i>S</i> -tert-Butylthio Group into Cysteine and Cysteine Derivatives. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1982, 363, 1461-1464.	1.7	74
41	Degradation of cholecystokinin octapeptide, related fragments and analogs by human and rat plasma in vitro. <i>Regulatory Peptides</i> , 1982, 4, 127-139.	1.9	74
42	Photomodulation of conformational states. Synthesis of cyclic peptides with backbone-azobenzene moieties. , 1999, 5, 519-529.		74
43	Arginine 336 and Asparagine 333 of the Human Cholecystokinin-A Receptor Binding Site Interact with the Penultimate Aspartic Acid and the C-terminal Amide of Cholecystokinin. <i>Journal of Biological Chemistry</i> , 1999, 274, 20457-20464.	1.6	73
44	The substrate translocation channel of the proteasome. <i>Biochimie</i> , 2001, 83, 325-332.	1.3	73
45	The disulfide-coupled folding pathway of apamin as derived from diselenide-quenched analogs and intermediates. <i>Protein Science</i> , 1999, 8, 1605-1613.	3.1	72
46	Photomodulation of conformational states. I. Mono- and bicyclic peptides with (4-amino)phenylazobenzoic acid as backbone constituent. <i>Biopolymers</i> , 2000, 54, 489-500.	1.2	72
47	Met-195 of the Cholecystokinin-A Receptor Interacts with the Sulfated Tyrosine of Cholecystokinin and Is Crucial for Receptor Transition to High Affinity State. <i>Journal of Biological Chemistry</i> , 1998, 273, 14380-14386.	1.6	71
48	Synthesis and conformational analysis of apamin analogues with natural and non-natural cystine/selenocystine connectivities. , 2000, 53, 550-564.		71
49	Bioincorporation of telluromethionine into proteins: a promising new approach for X-ray structure analysis of proteins 1 Edited by K. Nagai. <i>Journal of Molecular Biology</i> , 1997, 270, 616-623.	2.0	70
50	The persisting challenge of selective and specific proteasome inhibition. <i>Journal of Peptide Science</i> , 2009, 15, 58-66.	0.8	68
51	Bifunctional inhibitors of the trypsin-like activity of eukaryotic proteasomes. <i>Chemistry and Biology</i> , 1999, 6, 197-204.	6.2	66
52	The Biologically Crucial C Terminus of Cholecystokinin and the Non-peptide Agonist SR-146,131 Share a Common Binding Site in the Human CCK1 Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 7546-7555.	1.6	63
53	Sarcolipin, the Shorter Homologue of Phospholamban, Forms Oligomeric Structures in Detergent Micelles and in Liposomes. <i>Journal of Biological Chemistry</i> , 2001, 276, 30845-30852.	1.6	62
54	The Role of Cystine Knots in Collagen Folding and Stability, Part II. Conformational Properties of (Pro-Hyp-Gly) _n Model Trimers with N- and C-Terminal Collagen Type III Cystine Knots. <i>Chemistry - A European Journal</i> , 2003, 9, 3703-3714.	1.7	62

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55	Conformational Properties of 4-mercaptoproline and Related Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2143-2146.	7.2	61
56	Enkephalin regulates the levels of cyclic nucleotides in neuroblastoma Å glioma hybrid cells. <i>Nature</i> , 1976, 262, 311-313.	13.7	60
57	Synthesis of selenocysteine peptides and their oxidation to diselenide-bridged compounds. , 1997, 3, 442-453.		60
58	Photocontrol of Cell Adhesion Processes. <i>Chemistry and Biology</i> , 2003, 10, 487-490.	6.2	60
59	Synthesis of single- and multiple-stranded cystine-rich peptides. <i>Biopolymers</i> , 2005, 80, 85-97.	1.2	59
60	Identification of Two Amino Acids of the Human Cholecystokinin-A Receptor That Interact with the N-terminal Moiety of Cholecystokinin. <i>Journal of Biological Chemistry</i> , 1997, 272, 2920-2926.	1.6	58
61	Preferred conformation of endomorphin-1 in aqueous and membrane-mimetic environments. <i>Journal of Molecular Biology</i> , 1999, 291, 163-175.	2.0	57
62	Photomodulation of conformational states. II. Mono- and bicyclic peptides with (4-aminomethyl)phenylazobenzoic acid as backbone constituent. <i>Biopolymers</i> , 2000, 54, 501-514.	1.2	57
63	Cyclodextrin as Carrier of Peptide Hormones. Conformational and Biological Properties of β -Cyclodextrin/Gastrin Constructs. <i>Journal of the American Chemical Society</i> , 1998, 120, 7030-7038.	6.6	56
64	Bivalent inhibition of human β -tryptase. <i>Chemistry and Biology</i> , 2001, 8, 313-327.	6.2	55
65	Synthesis of a TMC-95A Ketomethylene Analogue by Cyclization via Intramolecular Suzuki Coupling. <i>Organic Letters</i> , 2003, 5, 3435-3437.	2.4	55
66	Peptidyl Prolylcis/trans-Isomerases: A Comparative Reactivities of Cyclophilins, FK506-Binding Proteins, and Parvulins with Fluorinated Oligopeptide and Protein Substrates. <i>Biochemistry</i> , 2005, 44, 16026-16034.	1.2	55
67	Zur Synthese von Cholecystokinin-Pankreozymin. Darstellung von [28-Threonin, 31-Norleucin]- und [28-Threonin, 31-Leucin] Cholecystokinin-Pankreozymin-(25-33)-nonapeptid. <i>Hoppe-Seyler's Zeitschrift FÅ¼r Physiologische Chemie</i> , 1981, 362, 929-942.	1.7	54
68	THE INFLUENCE OF SECRETIN, GLUCAGON AND OTHER PEPTIDES, OF AMINO ACIDS, PROSTAGLANDIN ENDOPEROXIDE ANALOGUES AND DIAZEPAM ON THE LEVEL OF ADENOSINE 3',5'-CYCLIC MONOPHOSPHATE IN NEUROBLASTOMA GLIOMA HYBRID CELLS. <i>Journal of Neurochemistry</i> , 1979, 32, 1495-1500.	2.1	53
69	Intervesicle Cross-Linking with Integrin β 3 and Cyclic-RGD-Lipopeptide. A Model of Cell-Adhesion Processes. <i>Biochemistry</i> , 2000, 39, 12284-12294.	1.2	53
70	Molecular structure of the cyanobacterial tumor-promoting microcystins. <i>FEBS Letters</i> , 1994, 349, 319-323.	1.3	52
71	Mutation of Asn-391 within the Conserved NPXXY Motif of the Cholecystokinin B Receptor Abolishes Gq Protein Activation without Affecting Its Association with the Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 17321-17327.	1.6	52
72	Structural Properties of a Collagenous Heterotrimer that Mimics the Collagenase Cleavage Site of Collagen Type I. <i>Journal of Molecular Biology</i> , 2002, 319, 1235-1242.	2.0	52

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73	Towards New Protein Engineering: In Vivo Building and Folding of Protein Shuttles for Drug Delivery and Targeting by the Selective Pressure Incorporation (SPI) Method. <i>Tetrahedron</i> , 2000, 56, 9431-9442.	1.0	51
74	Incorporation of β -selenolo[3,2-b]pyrrolyl-alanine into proteins for phase determination in protein X-ray crystallography. <i>Journal of Molecular Biology</i> , 2001, 309, 925-936.	2.0	51
75	A (4R)- or a (4S)-Fluoroproline Residue in Position Xaa of the (Xaa-Yaa-Gly) Collagen Repeat Severely Affects Triple-Helix Formation. <i>ChemBioChem</i> , 2004, 5, 79-86.	1.3	51
76	Polymer-tethered membranes as quantitative models for the study of integrin-mediated cell adhesion. <i>Soft Matter</i> , 2007, 3, 333-336.	1.2	51
77	Arginine 197 of the cholecystokinin β receptor binding site interacts with the sulfate of the peptide agonist cholecystokinin. <i>Protein Science</i> , 1999, 8, 2347-2354.	3.1	50
78	Photoresponsive Cyclic Bis(cysteinyl)peptides as Catalysts of Oxidative Protein Folding This work was supported by the SFB 533 of the Ludwig-Maximilians UniversitÄt MÄnchen (grant A8) Tj ETQq0 0 0 rgBT /Overlock 210 Tf 50 537 Td (M	2.0	49
79	The Chain Register in Heterotrimeric Collagen Peptides Affects Triple Helix Stability and Folding Kinetics. <i>Journal of Molecular Biology</i> , 2002, 324, 309-318.	2.0	48
80	Structure of malonic acid β -based inhibitors bound to human neutrophil collagenase. A new binding mode explains apparently anomalous data. <i>Protein Science</i> , 1998, 7, 1303-1309.	3.1	47
81	Binding Mode of TMC-95A Analogues to Eukaryotic 20S Proteasome. <i>ChemBioChem</i> , 2004, 5, 1256-1266.	1.3	47
82	Insulin β From its Discovery to the Industrial Synthesis of Modern Insulin Analogues. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10656-10669.	7.2	47
83	Conformational analysis of a IgG1 hinge peptide derivative in solution determined by NMR spectroscopy and refined by restrained molecular dynamics simulations. <i>Biopolymers</i> , 1991, 31, 1189-1204.	1.2	46
84	Atomic mutations in annexin V. Thermodynamic studies of isomorphous protein variants. <i>FEBS Journal</i> , 1998, 253, 1-9.	0.2	46
85	Structural and Spectral Response of <i>Aequorea victoria</i> Green Fluorescent Proteins to Chromophore Fluorination β . <i>Biochemistry</i> , 2005, 44, 3663-3672.	1.2	46
86	E-64 analogues as inhibitors of cathepsin B. On the role of the absolute configuration of the epoxysuccinyl group. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 1789-1797.	1.4	44
87	20S Proteasome Inhibition: Designing Noncovalent Linear Peptide Mimics of the Natural Product TMC β 95A. <i>ChemMedChem</i> , 2010, 5, 1701-1705.	1.6	44
88	Substrate/propeptide-derived endo-epoxysuccinyl peptides as highly potent and selective cathepsin B inhibitors. <i>FEBS Letters</i> , 1998, 421, 80-82.	1.3	43
89	TMC-95A Analogues with Endocyclic Biphenyl Ether Group as Proteasome Inhibitors. <i>Chemistry and Biodiversity</i> , 2004, 1, 161-173.	1.0	43
90	Modeled Structure of a G-Protein-Coupled Receptor: β % The Cholecystokinin-1 Receptor. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 180-191.	2.9	43

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91	Synthetic Biology of Protein Folding. <i>ChemPhysChem</i> , 2010, 11, 1181-1187.	1.0	43
92	A new probe for affinity labelling pancreatic cholecystokinin receptor with minor modification of its structure. <i>FEBS Journal</i> , 1989, 185, 397-403.	0.2	42
93	Evidence for a Direct Interaction between the Penultimate Aspartic Acid of Cholecystokinin and Histidine 207, Located in the Second Extracellular Loop of the Cholecystokinin B Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 23191-23197.	1.6	42
94	N,N ϵ -Di-tert-butoxycarbonyl-1H-benzotriazole-1-carboxamidinium Derivatives Are Highly Reactive Guanidinylation Reagents. <i>Organic Letters</i> , 2001, 3, 3859-3861.	2.4	42
95	Toward Semisynthetic Lipoproteins by Convergent Strategies Based on Click and Ligation Chemistry. <i>ChemBioChem</i> , 2005, 6, 625-628.	1.3	42
96	Proteins with β -(thienopyrrolyl)alanines as alternative chromophores and pharmaceutically active amino acids. <i>Protein Science</i> , 2008, 10, 1281-1292.	3.1	42
97	Heterotrimeric Collagen Peptides as Fluorogenic Collagenase Substrates: Synthesis, Conformational Properties, and Enzymatic Digestion. <i>Biochemistry</i> , 2000, 39, 5111-5116.	1.2	41
98	Synthetic heterotrimeric collagen peptides as mimics of cell adhesion sites of the basement membrane. <i>Biopolymers</i> , 2004, 76, 34-47.	1.2	41
99	Incorporation of integrins into artificial planar lipid membranes: characterization by plasmon-enhanced fluorescence spectroscopy. <i>Analytical Biochemistry</i> , 2004, 333, 216-224.	1.1	41
100	A new β -helical motif in membrane active peptides. <i>Neurochemistry International</i> , 1991, 18, 525-534.	1.9	40
101	Design of Benzamidinium-Type Inhibitors of Factor Xa. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4240-4250.	2.9	40
102	Redox-Active Cyclic Bis(cysteinyll)peptides as Catalysts for In Vitro Oxidative Protein Folding. <i>Chemistry and Biology</i> , 2002, 9, 731-740.	6.2	40
103	On the synthesis of (2S)-aziridine-2-carboxylic acid containing peptides. <i>Tetrahedron</i> , 1994, 50, 1717-1730.	1.0	39
104	Enantioselective synthesis of S-o-carboranylalanine via methylated bislactim ethers of 2,5-diketopiperazines. <i>Tetrahedron</i> , 1995, 51, 1187-1196.	1.0	38
105	Design and Synthesis of Malonic Acid-Based Inhibitors of Human Neutrophil Collagenase (MMP8). <i>Journal of Medicinal Chemistry</i> , 1998, 41, 339-345.	2.9	38
106	Noninvasive Tracing of Recombinant Proteins with α -Fluorophenylalanine-Fingers. <i>Analytical Biochemistry</i> , 2000, 284, 29-34.	1.1	38
107	Redox-active bis-cysteinyll peptides. I. Synthesis of cyclic cystinyll peptides by conventional methods in solution and on solid supports. <i>Biopolymers</i> , 1994, 34, 1553-1562.	1.2	37
108	Photomodulation of conformational states. III. Water-soluble bis-cysteinyll-peptides with (4-aminomethyl) phenylazobenzoic acid as backbone constituent. <i>Biopolymers</i> , 2002, 63, 382-393.	1.2	37

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109	Peptides related to \hat{I}^2 -lipotropin with opioid activity. FEBS Letters, 1977, 77, 28-35.	1.3	36
110	Binding and Docking of Synthetic Heterotrimeric Collagen Type IV Peptides with \hat{I}^2 Integrin. ChemBioChem, 2002, 3, 904-907.	1.3	36
111	The Role of Cystine Knots in Collagen Folding and Stability, Part I. Conformational Properties of (Pro-Hyp-Gly) ₅ and (Pro-(4S)-FPro-Gly) ₅ Model Trimers with an Artificial Cystine Knot. Chemistry - A European Journal, 2003, 9, 3692-3702.	1.7	36
112	Studies of the Local Conformational Properties of the Cell-Adhesion Domain of Collagen Type IV in Synthetic Heterotrimeric Peptides. Biochemistry, 2003, 42, 3429-3436.	1.2	36
113	Studies on cytochrome c. Part II. Synthesis of the protected heptapeptide (sequence 17-23) of Baker's yeast iso-1-cytochrome c. Biopolymers, 1973, 12, 493-505.	1.2	35
114	Enkephalin evokes biochemical correlates of opiate tolerance and dependence in neuroblastoma X glioma hybrid cells. FEBS Letters, 1976, 68, 38-40.	1.3	35
115	Zur Totalsynthese von Cholecystokinin-Pankreozymmin. Darstellung des verknüpfungsfähigen \hat{A}^2 -Schlüsselselfragments der Sequenz 24-33. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1981, 362, 143-152.	1.7	35
116	On the Synthesis of Phosphoramidate Peptides. Journal of Organic Chemistry, 1994, 59, 6144-6146.	1.7	35
117	Synthesis of \hat{A}^2 -(1-azulenyl)-L-alanine as a potential blue-colored fluorescent tryptophan analog and its use in peptide synthesis. , 2000, 6, 139-144.		35
118	Structure of Cholecystokinin Receptor Binding Sites and Mechanism of Activation/Inactivation by Agonists/Antagonists. Basic and Clinical Pharmacology and Toxicology, 2002, 91, 313-320.	0.0	35
119	The Glycoprotein NOWA and Minicollagens Are Part of a Disulfidelinked Polymer That Forms the Cnidarian Nematocyst Wall. Journal of Biological Chemistry, 2004, 279, 52016-52023.	1.6	35
120	Crystal structure of NS-134 in complex with bovine cathepsin B: a two-headed epoxysuccinyl inhibitor extends along the entire active-site cleft. Biochemical Journal, 2004, 381, 511-517.	1.7	35
121	Structural Characterization of Hellethionins from Helleborus purpurascens. Biochemistry, 2003, 42, 2404-2411.	1.2	34
122	Photocontrol of the Collagen Triple Helix: Synthesis and Conformational Characterization of Bis-cysteinyll Collagenous Peptides with an Azobenzene Clamp. Chemistry - A European Journal, 2007, 13, 2966-2973.	1.7	33
123	Zur Synthese von Human-Little-Gastrin-I und dessen Leucin-15-, Norleucin-15- und Methoxinin-15-Analoga. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1983, 364, 157-172.	1.7	32
124	Comparison of a Monte Carlo Strategy with a Combined DG/MDSA Method for Structure Determination of Bicyclic Peptides. Journal of Molecular Modeling, 1999, 5, 287-295.	0.8	32
125	\hat{I}^2 -Cyclodextrin/epoxysuccinyl peptide conjugates: a new drug targeting system for tumor cells. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 677-680.	1.0	32
126	Navigation Inside a Protease: Substrate Selection and Product Exit in the Tricorn Protease from Thermoplasma acidophilum. Journal of Molecular Biology, 2002, 324, 1041-1050.	2.0	32

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127	Structural Plasticity and Noncovalent Substrate Binding in the GroEL Apical Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 33115-33126.	1.6	31
128	A new method to determine the structure of the metal environment in metalloproteins: investigation of the prion protein octapeptide repeat Cu ²⁺ complex. <i>European Biophysics Journal</i> , 2005, 34, 97-112.	1.2	31
129	Interaction of S-protein with S-peptide and with synthetic S-peptide analogs. Spectroscopic and calorimetric investigation. <i>Biochemistry</i> , 1972, 11, 50-57.	1.2	30
130	Conformational preferences of Leu-enkephalin in reverse micelles as membrane-mimicking environment. <i>Biopolymers</i> , 1997, 41, 591-606.	1.2	29
131	A New Efficient Synthesis of Acetyltelluro- and Acetylselenomethionine and Their Use in the Biosynthesis of Heavy-Atom Protein Analogs. <i>Journal of the American Chemical Society</i> , 1996, 118, 913-914.	6.6	28
132	Heterotrimeric collagen peptides containing functional epitopes. Synthesis of single-stranded collagen type I peptides related to the collagenase cleavage site. , 1999, 5, 103-110.		28
133	The Structure of the Cys-rich Terminal Domain of Hydra Minicollagen, Which Is Involved in Disulfide Networks of the Nematocyst Wall. <i>Journal of Biological Chemistry</i> , 2004, 279, 30395-30401.	1.6	28
134	Relation between structure and function in some partially synthetic ribonucleases Sâ€². I. Kinetic determinations. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1972, 257, 210-221.	1.7	27
135	Molecular Mechanism Underlying Partial and Full Agonism Mediated by the Human Cholecystokinin-1 Receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 10664-10674.	1.6	27
136	The configuration of the Cu ²⁺ binding region in full-length human prion protein. <i>European Biophysics Journal</i> , 2007, 36, 239-252.	1.2	27
137	Lightâ€Triggered Aggregation and Disassembly of Amyloidâ€Like Structures. <i>ChemPhysChem</i> , 2011, 12, 559-562.	1.0	27
138	Synthesis of heterotrimeric collagen peptides containing the Î±1 ² 1 integrin recognition site of collagen type IV. <i>Journal of Peptide Science</i> , 2002, 8, 192-204.	0.8	26
139	Single Proline Residues can Dictate the Oxidative Folding Pathways of Cysteine-rich Peptides. <i>Journal of Molecular Biology</i> , 2006, 358, 846-856.	2.0	26
140	Fluoroproline as Tools for Protein Design and Engineering We thank Mrs. E. Weyher for skillful technical assistance in spectroscopic analyses and Mrs. W. Wenger for her excellent technical assistance in protein preparation. We are indebted to Dr. R. Golbik for providing us with barstar plasmid and protocols for its isolation and purification.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 923-925.	7.2	26
141	Interactions of Benzodiazepine Derivatives with Annexins. <i>Journal of Biological Chemistry</i> , 1998, 273, 2885-2894.	1.6	25
142	A new strategy for regioselective interstrand disulfide bridging of multiple cysteine peptides. <i>Tetrahedron Letters</i> , 1999, 40, 1487-1490.	0.7	25
143	Toward a High-Resolution Structure of Phospholamban:Â Design of Soluble Transmembrane Domain Mutantsâ€. <i>Biochemistry</i> , 2000, 39, 6825-6831.	1.2	25
144	Identification of Tyrosine 189 and Asparagine 358 of the Cholecystokinin 2 Receptor in Direct Interaction with the Crucial C-Terminal Amide of Cholecystokinin by Molecular Modeling, Site-Directed Mutagenesis, and Structure/Affinity Studies. <i>Molecular Pharmacology</i> , 2003, 63, 973-982.	1.0	25

#	ARTICLE	IF	CITATIONS
145	Copper binding and conformation of the N-terminal octarepeats of the prion protein in the presence of DPC micelles as membrane mimetic. <i>Biopolymers</i> , 2007, 88, 840-847.	1.2	25
146	Fully synthetic immunogens. Part I. Kinetic studies on air oxidation of the human IgG1 bis-cysteinyll fragment 225-232. <i>Tetrahedron</i> , 1990, 46, 3305-3314.	1.0	24
147	Photomodulation of conformational states. IV. Integrin-binding RGD-peptides with (4-aminomethyl)phenylazobenzoic acid as backbone constituent. <i>Biopolymers</i> , 2005, 77, 304-313.	1.2	24
148	A Conformational Two-State Peptide Model System Containing an Ultrafast but Soft Light Switch. <i>Biophysical Journal</i> , 2006, 90, 2099-2108.	0.2	24
149	Natural and Artificial Cystine Knots for Assembly of Homo- and Heterotrimeric Collagen Models. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 113-126.	2.5	24
150	Folding and Unfolding of Light-Triggered β^2 -Hairpin Model Peptides. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5219-5226.	1.2	24
151	Characterization and optimization of two-chain folding pathways of insulin via native chain assembly. <i>Communications Chemistry</i> , 2018, 1, .	2.0	24
152	Studies on cytochrome c. Part I. Synthesis of the protected hexadecapeptide (sequence 1-16) of Baker's Yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1973, 12, 477-492.	1.2	23
153	Relation between Structure and Function in Some Partially Synthetic Ribonucleases S'. Enzymic and Spectroscopic Investigation on [Orn10,Asn14]-RNase S' and 1e,7e, 10delta-Triguanidino-[Orn10, Asn14]-RNase S'. <i>FEBS Journal</i> , 1975, 52, 65-76.	0.2	23
154	Synthesis of bivalent inhibitors of eucaryotic proteasomes. , 2000, 6, 36-46.		23
155	Calpastatin Exon 1B-Derived Peptide, a Selective Inhibitor of Calpain: Enhancing Cell Permeability by Conjugation with Penetratin. <i>Biological Chemistry</i> , 2003, 384, 395-402.	1.2	23
156	Cyclic hexapeptides related to somatostatin Conformational analysis employing ¹ H-NMR and molecular dynamics. <i>International Journal of Peptide and Protein Research</i> , 1990, 36, 418-432.	0.1	23
157	Isomerization and Temperature-Induced Dynamics of a Photoswitchable β^2 -Hairpin. <i>Chemistry - A European Journal</i> , 2014, 20, 694-703.	1.7	23
158	The Two Cysteine-rich Head Domains of Minicollagen from Hydra Nematocysts Differ in their Cysteine Framework and Overall Fold Despite an Identical Cysteine Sequence Pattern. <i>Journal of Molecular Biology</i> , 2005, 354, 591-600.	2.0	22
159	Macrocyclic Statine-Based Inhibitors of BACE1. <i>ChemBioChem</i> , 2007, 8, 2078-2091.	1.3	22
160	On the Mechanism of Hormone Recognition and Binding by the CCK-B/Gastrin Receptor. , 1997, 3, 1-14.		21
161	Exogenous CCK and gastrin stimulate pancreatic exocrine secretion via CCK-A but also via CCK-B/gastrin receptors in the calf. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 438, 86-93.	1.3	21
162	Peptide hormone membrane interactions. Intervesicular transfer of lipophilic gastrin derivatives to artificial membranes and their bioactivities. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1145, 235-242.	1.4	20

#	ARTICLE	IF	CITATIONS
163	A conserved tyrosine in the neck of a fungal kinesin regulates the catalytic motor core. <i>EMBO Journal</i> , 2003, 22, 450-458.	3.5	20
164	Effective inhibition of experimental metastasis and prolongation of survival in mice by a potent factor Xa-specific synthetic serine protease inhibitor with weak anticoagulant activity. <i>Thrombosis and Haemostasis</i> , 2005, 94, 1084-1093.	1.8	20
165	Pharmacological and biochemical characterization of cholecystokinin/gastrin receptors in developing rat pancreas. Age-related expression of distinct receptor glycoforms. <i>FEBS Journal</i> , 1992, 204, 273-279.	0.2	19
166	A convenient synthesis of optically pure (2R, 3R)-2, 3-Epoxy succinyl - dipeptides. <i>Tetrahedron</i> , 1994, 50, 8381-8392.	1.0	19
167	Das Redoxpotential von Selenocystin in konformativ nicht eingeschränkten cyclischen Peptiden. <i>Angewandte Chemie</i> , 1997, 109, 915-917.	1.6	19
168	Micellar environments induce structuring of the N-terminal tail of the prion protein. <i>Biopolymers</i> , 2004, 73, 421-433.	1.2	19
169	Crystallographic Evidence for Isomeric Chromophores in 3-Fluorotyrosyl-Green Fluorescent Protein. <i>ChemBioChem</i> , 2004, 5, 720-722.	1.3	19
170	Regulation of Neuronal Nitric-oxide Synthase Activity by Somatostatin Analogs following SST5 Somatostatin Receptor Activation. <i>Journal of Biological Chemistry</i> , 2006, 281, 19156-19171.	1.6	19
171	Following the energy transfer in and out of a polyproline- α -peptide. <i>Biopolymers</i> , 2013, 100, 38-50.	1.2	19
172	Redox-active bis-cysteinyl peptides. II. Comparative study on the sequence-dependent tendency for disulfide loop formation. <i>Biopolymers</i> , 1994, 34, 1563-1572.	1.2	18
173	Cysteine Racemization in Peptide Synthesis: A New and Easy Detection Method. <i>Journal of Peptide Science</i> , 1996, 2, 271-275.	0.8	18
174	Idiotypic Vaccine for Treatment of Human B-Cell Lymphoma. <i>Human Immunology</i> , 1997, 56, 17-27.	1.2	18
175	Environmental Mimic of Receptor Interaction: Conformational Analysis of CCK-15 in Solution. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 762-769.	2.9	18
176	Structural properties and photophysical behavior of conformationally constrained hexapeptides functionalized with a new fluorescent analog of tryptophan and a nitroxide radical quencher. <i>Biopolymers</i> , 2004, 75, 128-139.	1.2	18
177	Preparation of Selenoinsulin as a Long-Lasting Insulin Analogue. <i>Angewandte Chemie</i> , 2017, 129, 5614-5618.	1.6	18
178	Fluorameisensäure-1-adamantylester, ein neues Reagenz zur Einführung der 1-Adamantylloxycarbonyl-Schutzgruppe. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1976, 357, 1647-1650.	1.7	17
179	Lipophilic derivatization and its effect on the interaction of cholecystokinin (CCK) nonapeptide with phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1151, 111-119.	1.4	17
180	Evidence for a Direct and Functional Interaction between the Regulators of G Protein Signaling-2 and Phosphorylated C Terminus of Cholecystokinin-2 Receptor. <i>Molecular Pharmacology</i> , 2009, 75, 502-513.	1.0	17

#	ARTICLE	IF	CITATIONS
181	Receptor occupancy and adenylate cyclase activation in rat liver and heart membranes by 10 glucagon analogs modified in position 2, 3, 4, 25, 27 and/or 29. <i>Regulatory Peptides</i> , 1988, 21, 117-128.	1.9	16
182	Photoresponsive Dendritic Azobenzene Peptides. <i>ChemBioChem</i> , 2001, 2, 542-549.	1.3	16
183	An oligopeptide doubly labelled with an azulene chromophore and a TEMPO radical. Azulene triplet generation by enhanced ISC from S2. <i>Chemical Physics Letters</i> , 2004, 385, 362-367.	1.2	16
184	Effect of Nin-formylation of the tryptophan residue on gastrin (HG-13) binding and on gastric acid secretion. <i>European Journal of Pharmacology</i> , 1982, 77, 11-16.	1.7	15
185	Studies on Immunoassays of Peptide Factors. II. Fluorescence Enzyme Immunoassay for Human Little-Gastrin. <i>Biological Chemistry Hoppe-Seyler</i> , 1987, 368, 831-862.	1.4	15
186	Synthetic immunogens.. The effect of the conformational space on biological and immunological responses to dimeric hormone constructs. <i>FEBS Journal</i> , 1993, 212, 325-333.	0.2	15
187	Nichtinvasive Transformation von Proteinen in optische pH-Sensoren durch Austausch von Tryptophan gegen Aminotryptophan. <i>Angewandte Chemie</i> , 2002, 114, 4238-4242.	1.6	15
188	The configuration of the Cu ²⁺ binding region in full-length human prion protein compared with the isolated octapeptide. <i>Veterinary Microbiology</i> , 2007, 123, 358-366.	0.8	15
189	Relaxation time prediction for a light switchable peptide by molecular dynamics. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6204.	1.3	15
190	Studies on cytochrome c. Part VIII. Synthesis of the protected hexadecapeptide (sequence 93-108) of Baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1973, 12, 729-750.	1.2	14
191	Structure-function studies on gastrointestinal hormones. <i>Biorganic Chemistry</i> , 1980, 9, 27-54.	2.0	14
192	Structure of two microcystins: Refinement with nuclear overhauser effects and ensemble calculations. <i>Biopolymers</i> , 1995, 36, 811-828.	1.2	14
193	Mapping of ligand binding sites of the cholecystokinin-B/gastrin receptor with lipo-gastrin peptides and molecular modeling. , 1997, 41, 799-817.		14
194	Bis-Substituted Malonic Acid Hydroxamate Derivatives as Inhibitors of Human Neutrophil Collagenase (MMP8). <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3041-3047.	2.9	14
195	Studies on cytochrome c. Part VI. Synthesis of the protected pentadecapeptide (sequence 67-81) of Baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1973, 12, 701-720.	1.2	13
196	Conformational and biological properties of the Ala ¹⁰ -analog of human Des-Trp ¹ , Nle ¹² -minigastrin. <i>Biochemistry</i> , 1989, 28, 7182-7188.	1.2	13
197	Enzyme Immunoassay with Captured Hapten. A Sensitive Gastrin Assay with Biotinyl-Gastrin Derivatives. <i>Biological Chemistry Hoppe-Seyler</i> , 1991, 372, 163-172.	1.4	13
198	Photomodulation of the Redox and Folding Adjuvant Properties of Bis(cysteiny) Peptides. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2144.	1.2	13

#	ARTICLE	IF	CITATIONS
199	Conformational and Molecular Modeling Studies of β^2 -Cyclodextrin β -Heptagastrin and the Third Extracellular Loop of the Cholecystokinin 2 Receptor. <i>Biochemistry</i> , 2004, 43, 2724-2731.	1.2	13
200	The G-protein-coupled CCK2 receptor associates with phospholipase C β 1. <i>FEBS Letters</i> , 2004, 568, 89-93.	1.3	13
201	Multiple Loop Conformations of Peptides Predicted by Molecular Dynamics Simulations Are Compatible with Nuclear Magnetic Resonance. <i>Biochemistry</i> , 2005, 44, 4829-4840.	1.2	13
202	Synthetic peptides related to the entire sequence of yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1972, 11, 2191-2194.	1.2	12
203	One-step isocratic high-performance liquid chromatographic purification of radioiodinated and radioiodinated-photoactivable derivatives of cholecystokinin. <i>Journal of Chromatography A</i> , 1984, 296, 199-211.	1.8	12
204	(R)-3-Amidinophenylalanine-Derived Inhibitors of Factor Xa with a Novel Active-Site Binding Mode. <i>Biological Chemistry</i> , 2002, 383, 1185-91.	1.2	12
205	Synthesis and conformational characterization of peptides related to the neck domain of a fungal kinesin. <i>Journal of Peptide Science</i> , 2003, 9, 203-211.	0.8	12
206	A new cell-permeable calpain inhibitor. <i>Journal of Peptide Science</i> , 2007, 13, 70-73.	0.8	12
207	Time-resolved infrared studies of the unfolding of a light triggered β^2 -hairpin peptide. <i>Chemical Physics</i> , 2018, 512, 116-121.	0.9	12
208	Studies on cytochrome c. X. Synthesis of N β -benzyloxycarbonyl-[Thr107]-dotetracontapeptide (sequence 67-108) of baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1975, 14, 2061-2074.	1.2	11
209	Studies on cytochrome c. XI. Circular dichroism studies on synthetic peptides related to the C-terminal region of baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1975, 14, 2075-2093.	1.2	11
210	Synthetic immunogens. Part IV: Conformational studies on gastrin conjugates with the human immunoglobulin G1 hinge peptide 225-232/225 β -232 β . <i>Biopolymers</i> , 1991, 31, 595-604.	1.2	11
211	Conformation-dependent side reactions in interstrand-disulfide bridging of trimeric collagenous peptides by regioselective cysteine chemistry. <i>Journal of Peptide Science</i> , 2002, 8, 205-210.	0.8	11
212	Convenient syntheses of homopropargylglycine. <i>Journal of Peptide Science</i> , 2008, 14, 1148-1150.	0.8	11
213	Cyclic hexapeptides related to somatostatin Synthesis and biological testing. <i>International Journal of Peptide and Protein Research</i> , 1990, 36, 401-417.	0.1	11
214	Synthesis of Human [15-Norleucine]little-gastrin-II and Des-1-tryptophan-[12-norleucine]minigastrin-II. <i>Biological Chemistry Hoppe-Seyler</i> , 1987, 368, 1363-1374.	1.4	10
215	Characterization of the macrocyclic carbon suboxide factors as potent Na,K-ATPase and SR Ca-ATPase inhibitors. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1567, 213-220.	1.4	10
216	Conformational and molecular modeling studies of sulfated cholecystokinin-15. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1053-1059.	1.0	10

#	ARTICLE	IF	CITATIONS
217	Synthesis of the Porcine Intestinal Peptide PHI and its 24-Glutamine Analogue. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1983, 364, 1563-1584.	1.7	9
218	Synthesis of 1,2-Di-O-acyl-3-thioglycerols for Lipid Modification of Peptides and Proteins. Synthesis, 1990, 1990, 889-892.	1.2	9
219	Functional cholecystokinin receptors are distinguished kinetically by biotinyl-Tyr-Gly-(Thr28,Nle31)CCK(25-33) in rat pancreatic acini. BBA - Proteins and Proteomics, 1991, 1080, 181-190.	2.1	9
220	Oligopresentation of protease inhibitors with β -cyclodextrin as template. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2507-2512.	1.0	9
221	Protein Iodination by Click Chemistry. ChemBioChem, 2009, 10, 1149-1151.	1.3	9
222	Two-Chain Insulin from a Single-Chain Branched Depsipeptide Precursor: The End of a Long Journey. Angewandte Chemie - International Edition, 2010, 49, 7624-7626.	7.2	9
223	Temperature- and Photocontrolled Unfolding/Folding of a Triple-Helical Azobenzene-Stapled Collagen Peptide Monitored by Infrared Spectroscopy. ChemPhysChem, 2016, 17, 1314-1320.	1.0	9
224	Exocrine pancreatic secretion in response to a new CCK-analog, CCK33 and caerulein in dogs. Regulatory Peptides, 1984, 8, 291-296.	1.9	8
225	Circular Dichroism Study on Fully Bioactive CCK-Peptides of Increasing Chain Length. Zeitschrift für Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 1419-1430.	0.3	8
226	Non-Peptidic Cysteine Derivatives as Inhibitors of Matrix Metalloproteinases. Biological Chemistry, 1997, 378, 1475-80.	1.2	8
227	Tailoring the Cis-Trans Isomerization of Amides. , 2006, , 225-259.		8
228	KINETIC AND CONFORMATIONAL STUDIES ON SOME PARTIALLY SYNTHETIC RIBONUCLEASE S ⁸ ANALOGUES MODIFIED IN POSITION 8*. International Journal of Peptide and Protein Research, 1977, 10, 27-38.	0.1	8
229	Amyloid-Like Structures Formed by Azobenzene Peptides: Light-Triggered Disassembly. Spectroscopy, 2012, 27, 387-391.	0.8	8
230	Studies on cytochrome c. Part VII. Synthesis of the protected undecapeptide (sequence 82-92) of Baker's yeast iso-l-cytochrome c. Biopolymers, 1973, 12, 721-728.	1.2	7
231	Near-ultraviolet difference absorption and circular dichroism studies on partially synthetic ribonucleases S ⁸ . Nucleic Acids and Protein Synthesis, 1976, 454, 514-523.	1.7	7
232	A New Reagent for the Preparation of Glycoconjugates. Biological Chemistry Hoppe-Seyler, 1988, 369, 381-386.	1.4	7
233	Analytical Solution to the Lipari-Szabo Model Based on the Reduced Spectral Density Approximation Offers a Novel Protocol for Extracting Motional Parameters. Journal of Magnetic Resonance, 2001, 151, 32-39.	1.2	7
234	Infrared Studies of Small Azobenzene Peptides: Unexpectedly Slow Reactions on the Time Range of Minutes. Journal of Physical Chemistry B, 2007, 111, 10481-10486.	1.2	7

#	ARTICLE	IF	CITATIONS
235	Site-Directed Spin Labeling of a Collagen Mimetic Peptide. <i>Chemistry - A European Journal</i> , 2013, 19, 17679-17682.	1.7	7
236	Isoalloxazine cytochromes c aus Bäckerhefe. <i>Justus Liebigs Annalen Der Chemie</i> , 1974, 1974, 213-224.	0.5	6
237	Somatostatin-28: A conformational analysis. <i>Biopolymers</i> , 1981, 20, 1741-1745.	1.2	6
238	N-Glycosylgastrin-Related Peptides. Synthesis, Characterization and Biological Activity. <i>Hoppe-Seyler's Zeitschrift Für Physiologische Chemie</i> , 1982, 363, 813-818.	1.7	6
239	Synthesis of Thiol-Functionalized N-Acetylmuramyl Peptide Congeners Suitable for their Conjugation to Target Molecules. <i>Biological Chemistry Hoppe-Seyler</i> , 1989, 370, 365-376.	1.4	6
240	Immunomodulating Activity of 1,2-Difattyacyl-3-mercaptoplycerol Adducts. <i>Biological Chemistry Hoppe-Seyler</i> , 1992, 373, 1085-1094.	1.4	6
241	Lipogastrins as potent inhibitors of viral fusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1327, 259-268.	1.4	6
242	Peptide/benzodiazepine hybrids as ligands of CCKA and CCKB receptors. <i>Biopolymers</i> , 2000, 56, 55-76.	1.2	6
243	Urethanyl-3-Amidinophenylalanine Derivatives as Inhibitors of Factor Xa. X-Ray Crystal Structure of a Trypsin/Inhibitor Complex and Modeling Studies. <i>Biological Chemistry</i> , 2000, 381, 321-329.	1.2	6
244	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 2002, 9, 65-70.	0.1	6
245	Studies on cytochrome c. Part IV. Synthesis of the protected dodecapeptide (sequence 45-56) of Baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1973, 12, 521-534.	1.2	5
246	Far-ultraviolet difference absorption and circular dichroism studies on partially synthetic ribonucleases S ² . <i>Nucleic Acids and Protein Synthesis</i> , 1976, 454, 524-538.	1.7	5
247	On the Hypothetical Protein F154 of the TTV1 Virus from <i>Thermoproteus tenax</i> . Part III: Immunological Identification of the Protein with Anti-Peptide Antibodies. <i>Biological Chemistry Hoppe-Seyler</i> , 1990, 371, 43-48.	1.4	5
248	Induction and Detection of Anti-Peptide Antibody Specificity Is Critically Affected by the Mode of Hapten Presentation. <i>Biological Chemistry Hoppe-Seyler</i> , 1992, 373, 315-322.	1.4	5
249	Identification and Characterization of Microcystin-LY from <i>Microcystis aeruginosa</i> (Strain 298). <i>Biological Chemistry Hoppe-Seyler</i> , 1993, 374, 635-640.	1.4	5
250	Synthesis and Crystal Structure of Benzyl (â€”)-(2S)-1-trityl-2-aziridinecarboxylate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 1146-1148.	0.3	5
251	Synthesis of L [±] , D [±] -Dehydrotryptophan by reaction of indole with the D [±] -(N-methylamino)dehydroalanine derivative. <i>Tetrahedron Letters</i> , 1998, 39, 1381-1384.	0.7	5
252	Studies on cytochrome c. Part III. Synthesis of the protected heneicosapeptide (sequence 24-44) of Baker's yeast iso-1-cytochrome c. <i>Biopolymers</i> , 1973, 12, 507-520.	1.2	4

#	ARTICLE	IF	CITATIONS
253	Studies on cytochrome c. Part V. Synthesis of the protected decapeptide (sequence 57-66) of Baker's yeast iso-l-cytochrome c. Biopolymers, 1973, 12, 693-700.	1.2	4
254	Totalsynthese von Somatostatin-28. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1981, 362, 697-716.	1.7	4
255	Synthesis of [8-Norleucine]Somatostatin-28. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1982, 363, 1247-1252.	1.7	4
256	Synthesis of Cholecystokinin-Related Peptides and Their Biological Properties. Biological Chemistry Hoppe-Seyler, 1989, 370, 317-322.	1.4	4
257	Conformational analysis of bioactive peptides in reverse micelles as mimics of cell membrane environments. International Journal of Peptide Research and Therapeutics, 1995, 1, 171-177.	0.1	4
258	Metal ion binding affinities of gastrin and CCK in membrane mimetic environments. Journal of Peptide Science, 1995, 1, 360-370.	0.8	4
259	Collagen Mimics: Synthesis and Properties of Disulfide-Bridged Trimeric Collagen Peptides. ACS Symposium Series, 2002, , 103-116.	0.5	4
260	Studies of protein folding and structure with model peptides. Journal of Peptide Science, 2005, 11, 258-261.	0.8	4
261	Primed-site Probing of Papain-like Cysteine Proteases. International Journal of Peptide Research and Therapeutics, 2007, 13, 93-104.	0.9	4
262	Insulin " von seiner Entdeckung bis zur industriellen Synthese moderner Insulin"Analoge. Angewandte Chemie, 2017, 129, 10794-10808.	1.6	4
263	Muramyl-Peptide/Gastrin Conjugates as Potential Immunogens. Biological Chemistry Hoppe-Seyler, 1989, 370, 1209-1214.	1.4	3
264	Benzotriazonine as a new core structure for the design of CCK-receptor antagonists. , 1999, 5, 155-158.		3
265	STUDIES ON RIBONUCLEASE S: THE ROLE OF LYSINE" FOR ACTIVATION OF "PROTEIN*. International Journal of Peptide and Protein Research, 1974, 6, 419-434.	0.1	3
266	STUDIES ON CYTOCHROME c<i>c</i>:. International Journal of Peptide and Protein Research, 1977, 10, 81-88.	0.1	3
267	Inhibition of the Cytochrome c/Cytochrome<i>c</i>Oxidase System by Cytochrome<i>c</i>Derivatives and Related Fragments. Hoppe-Seyler's Zeitschrift für Physiologische Chemie, 1980, 361, 1077-1092.	1.7	2
268	Application of the Principle of Polyvalency to Protease Inhibition. , 0, , 395-417.		2
269	Energy transfer along a poly(Pro) - peptide. Springer Series in Chemical Physics, 2009, , 529-531.	0.2	2
270	Homotrimeric Collagen Peptides As Model Systems For Cell Adhesion Studies. Advances in Experimental Medicine and Biology, 2009, 611, 295-296.	0.8	2

#	ARTICLE	IF	CITATIONS
271	A New Method for the Selective Synthesis of Unsymmetrical Cystine Peptides. , 1983, , 183-188.		1
272	Research on MMP Inhibitors with Unusual Scaffolds. , 2001, , 223-243.		1
273	Synthesis of selenocysteine peptides and their oxidation to diselenide-bridged compounds. Journal of Peptide Science, 1997, 3, 442-453.	0.8	1
274	Gastrin and Cholecystokinin. , 1986, , 255-280.		1
275	NMR-Based Studies of a Collagenous Substrate of Collagenase. , 2001, , 355-356.		1
276	Synthesis, Redox and Structural Properties of Cystine-Cyclopeptides Containing the Active-Site of the Thioredoxin Superfamily. , 2001, , 462-463.		1
277	TOTAL SYNTHESIS OF SOMATOSTATIN-28. , 1982, , 249-258.		0
278	Potential Bioactive Conformations of Hormones of the Gastrin Family. Studies in Natural Products Chemistry, 1995, , 819-873.	0.8	0
279	Human IgG1 Hinge-Fragment as a Core Structure for Immunogens. Studies in Natural Products Chemistry, 1995, , 907-969.	0.8	0
280	Microcystins and nodularins hepatotoxic cyclic peptides of cyanobacterial origin. Studies in Natural Products Chemistry, 1997, 20, 887-920.	0.8	0
281	Synthesis of TMC-95A analogues. Structure-based prediction of cyclization propensities of linear precursors. International Journal of Peptide Research and Therapeutics, 2002, 9, 65-70.	0.1	0
282	Synthesis of Single- and Multiple-Stranded Cystine-Rich Peptides. ChemInform, 2005, 36, no.	0.1	0
283	Peptides in the Days of Photonics. , 2006, , 17-21.		0
284	The Two Cysteine-rich Head Domains of Minicollagen from Hydra Nematocysts Differ in their Cystine Framework and Overall Fold despite an Identical Cysteine Sequence Pattern. , 2006, , 667-668.		0
285	Making the Journal of Peptide Science more attractive for readers and authors. Journal of Peptide Science, 2008, 14, 889-889.	0.8	0
286	Light-Switchable Folding/Unfolding of the Collagen Triple Helix with Azobenzene-Containing Model Peptides. Advances in Experimental Medicine and Biology, 2009, 611, 57-59.	0.8	0
287	Editorial. Journal of Peptide Science, 2015, 21, 127-127.	0.8	0
288	Editorial: A Tribute to Stephen B. H. Kent: Towards a new world of proteins enabled by chemical synthesis. Journal of Peptide Science, 2016, 22, 245-245.	0.8	0

#	ARTICLE	IF	CITATIONS
289	Editorial. Journal of Peptide Science, 2017, 23, 471-471.	0.8	0
290	Structural Basis for Selective Binding of Integrins to Extracellular Matrix. , 2001, , 814-815.		0
291	Interaction of 7-Azatryptophan and γ -(1-Azulenyl)-Alanine with a Nitroxyl Radical. Advances in Experimental Medicine and Biology, 2003, 527, 731-737.	0.8	0
292	Femtosecond Spectroscopy for the Study of Initial Reactions in Protein folding. , 2006, , 311-320.		0
293	Photodynamics of a Collagen Model Peptide. Springer Series in Chemical Physics, 2009, , 583-585.	0.2	0
294	Expression of conformational vs. sequential epitopes in hormones of the gastrin family. , 1993, , 813-814.		0
295	β -Cyclodextrin for presentation of bioactive peptides to molecular recognition. , 2002, , 202-209.		0
296	Heterotrimeric collagen peptides as substrates of metalloproteinases. , 2002, , 339-341.		0