

James P Tam

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325
papers

17,121
citations

69
h-index

122
g-index

341
ext. papers

18,458
ext. citations

6.8
avg, IF

6.65
L-index

#	Paper	IF	Citations
325	Synthetic peptide vaccine design: synthesis and properties of a high-density multiple antigenic peptide system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 5409-13	11.5	1115
324	Quantitative monitoring of solid-phase peptide synthesis by the ninhydrin reaction. <i>Analytical Biochemistry</i> , 1981 , 117, 147-57	3.1	960
323	An SN2 deprotection of synthetic peptides with a low concentration of hydrofluoric acid in dimethyl sulfide: evidence and application in peptide synthesis. <i>Journal of the American Chemical Society</i> , 1983 , 105, 6442-6455	16.4	567
322	Disulfide bond formation in peptides by dimethyl sulfoxide. Scope and applications. <i>Journal of the American Chemical Society</i> , 1991 , 113, 6657-6662	16.4	438
321	An unusual structural motif of antimicrobial peptides containing end-to-end macrocycle and cystine-knot disulfides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 8913-8	11.5	395
320	Expression of transforming growth factor alpha and its messenger ribonucleic acid in human breast cancer: its regulation by estrogen and its possible functional significance. <i>Molecular Endocrinology</i> , 1988 , 2, 543-55		381
319	Rationale for development of a synthetic vaccine against Plasmodium falciparum malaria. <i>Science</i> , 1985 , 228, 1436-40	33.3	323
318	Human Coronaviruses: A Review of Virus-Host Interactions. <i>Diseases (Basel, Switzerland)</i> , 2016 , 4,	4.4	319
317	Unprotected Peptides as Building Blocks for the Synthesis of Peptide Dendrimers with Oxime, Hydrazone, and Thiazolidine Linkages. <i>Journal of the American Chemical Society</i> , 1995 , 117, 3893-3899	16.4	302
316	Butelase 1 is an Asx-specific ligase enabling peptide macrocyclization and synthesis. <i>Nature Chemical Biology</i> , 2014 , 10, 732-8	11.7	280
315	Peptide dendrimers: applications and synthesis. <i>Reviews in Molecular Biotechnology</i> , 2002 , 90, 195-229		245
314	Antimicrobial Peptides from Plants. <i>Pharmaceuticals</i> , 2015 , 8, 711-57	5.2	241
313	Peptide synthesis using unprotected peptides through orthogonal coupling methods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 12485-9	11.5	229
312	Detection of transforming growth factor alpha in normal, malignant, and hyperproliferative human keratinocytes. <i>Journal of Experimental Medicine</i> , 1988 , 167, 670-5	16.6	212
311	Circumsporozoite protein of Plasmodium vivax: gene cloning and characterization of the immunodominant epitope. <i>Science</i> , 1985 , 230, 815-8	33.3	206
310	Incorporation of T and B epitopes of the circumsporozoite protein in a chemically defined synthetic vaccine against malaria. <i>Journal of Experimental Medicine</i> , 1990 , 171, 299-306	16.6	199
309	Peptide segment ligation strategy without use of protecting groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 6584-8	11.5	187

308	Synthesis and Application of Unprotected Cyclic Peptides as Building Blocks for Peptide Dendrimers. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2363-2370	16.4	180
307	Orally active peptidic bradykinin B1 receptor antagonists engineered from a cyclotide scaffold for inflammatory pain treatment. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5620-4	16.4	174
306	Antimicrobial dendrimeric peptides. <i>FEBS Journal</i> , 2002 , 269, 923-32		174
305	Mechanisms for the removal of benzyl protecting groups in synthetic peptides by trifluoromethanesulfonic acid-trifluoroacetic acid-dimethyl sulfide. <i>Journal of the American Chemical Society</i> , 1986 , 108, 5242-5251	16.4	166
304	Vaccine engineering: enhancement of immunogenicity of synthetic peptide vaccines related to hepatitis in chemically defined models consisting of T- and B-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 9084-8	11.5	165
303	Methods and strategies of peptide ligation. <i>Biopolymers</i> , 2001 , 60, 194-205	2.2	164
302	Chemical Ligation Approach To Form a Peptide Bond between Unprotected Peptide Segments. Concept and Model Study. <i>Journal of the American Chemical Society</i> , 1994 , 116, 4149-4153	16.4	157
301	Lipid rafts are involved in SARS-CoV entry into Vero E6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 344-9	3.4	152
300	Translocating proline-rich peptides from the antimicrobial peptide bactenecin 7. <i>Biochemistry</i> , 2002 , 41, 14150-7	3.2	151
299	Recent advances in multiple antigen peptides. <i>Journal of Immunological Methods</i> , 1996 , 196, 17-32	2.5	137
298	Multiple antigen peptide. A novel approach to increase detection sensitivity of synthetic peptides in solid-phase immunoassays. <i>Journal of Immunological Methods</i> , 1989 , 124, 53-61	2.5	137
297	Specific expression of the human cellular fps/fes-encoded protein NCP92 in normal and leukemic myeloid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 2379-83	11.5	135
296	Thia Zip Reaction for Synthesis of Large Cyclic Peptides: Mechanisms and Applications \square <i>Journal of the American Chemical Society</i> , 1999 , 121, 4316-4324	16.4	130
295	Discovery and characterization of novel cyclotides originated from chimeric precursors consisting of albumin-1 chain a and cyclotide domains in the Fabaceae family. <i>Journal of Biological Chemistry</i> , 2011 , 286, 24275-87	5.4	126
294	Synthesis of Peptide Dendrimer. <i>Journal of the American Chemical Society</i> , 1994 , 116, 6975-6976	16.4	125
293	Orthogonal ligation strategies for peptide and protein. <i>Biopolymers</i> , 1999 , 51, 311-32	2.2	124
292	Mechanisms of mouse spleen dendritic cell function in the generation of influenza-specific, cytolytic T lymphocytes. <i>Journal of Experimental Medicine</i> , 1992 , 176, 519-29	16.6	121
291	Long-term high-titer neutralizing activity induced by octameric synthetic HIV-1 antigen. <i>Science</i> , 1991 , 254, 285-288	33.3	116

290	Synthetic peptide vaccine confers protection against murine malaria. <i>Journal of Experimental Medicine</i> , 1987 , 166, 1591-6	16.6	115
289	Hypoxia-induced tumor exosomes promote M2-like macrophage polarization of infiltrating myeloid cells and microRNA-mediated metabolic shift. <i>Oncogene</i> , 2019 , 38, 5158-5173	9.2	114
288	Butelase 1: A Versatile Ligase for Peptide and Protein Macrocyclization. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15398-401	16.4	113
287	A biomimetic strategy in the synthesis and fragmentation of cyclic protein. <i>Protein Science</i> , 1998 , 7, 1583-92	3.2	109
286	Immunological detection and quantitation of alpha transforming growth factors in human breast carcinoma cells. <i>Breast Cancer Research and Treatment</i> , 1986 , 7, 201-10	4.4	102
285	Physiological effects of transforming growth factor in the newborn mouse. <i>Science</i> , 1985 , 229, 673-5	33.3	102
284	Methionine ligation strategy in the biomimetic synthesis of parathyroid hormones. <i>Biopolymers</i> , 1998 , 46, 319-27	2.2	101
283	Engineering a Catalytically Efficient Recombinant Protein Ligase. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5351-5358	16.4	98
282	Biochemical and functional characterization of the membrane association and membrane permeabilizing activity of the severe acute respiratory syndrome coronavirus envelope protein. <i>Virology</i> , 2006 , 349, 264-75	3.6	96
281	Coupling Difficulty Associated with Interchain Clustering and Phase Transition in Solid Phase Peptide Synthesis. <i>Journal of the American Chemical Society</i> , 1995 , 117, 12058-12063	16.4	93
280	Cyclic Peptides from Linear Unprotected Peptide Precursors through Thiazolidine Formation□ <i>Journal of the American Chemical Society</i> , 1996 , 118, 10018-10024	16.4	93
279	Retention of the Cis Proline Conformation in Tripeptide Fragments of Bovine Pancreatic Ribonuclease A Containing a Non-natural Proline Analogue, 5,5-Dimethylproline. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11558-11566	16.4	92
278	Loss of growth responsiveness to epidermal growth factor and enhanced production of alpha-transforming growth factors in ras-transformed mouse mammary epithelial cells. <i>Journal of Cellular Physiology</i> , 1987 , 130, 397-409	7	92
277	Preparation of functionally active cell-permeable peptides by single-step ligation of two peptide modules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9184-9	14.5	90
276	Synthesis of biologically active rat transforming growth factor I. <i>Nature</i> , 1984 , 309, 376-8	50.4	90
275	Macromolecular assemblage in the design of a synthetic AIDS vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 3879-83	11.5	84
274	Transforming growth factor alpha inhibits secretion of gastric acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 3844-6	11.5	82
273	Simultaneous characterization of glyco- and phosphoproteomes of mouse brain membrane proteome with electrostatic repulsion hydrophilic interaction chromatography. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 635-47	7.6	81

272	Discovery of linear cyclotides in monocot plant <i>Panicum laxum</i> of Poaceae family provides new insights into evolution and distribution of cyclotides in plants. <i>Journal of Biological Chemistry</i> , 2013 , 288, 3370-80	5.4	80
271	SN 1 and SN 2 mechanisms for the deprotection of synthetic peptides by hydrogen fluoride. Studies to minimize the tyrosine alkylation side reaction. <i>International Journal of Peptide and Protein Research</i> , 1983 , 21, 57-65		79
270	Orthogonal Ligation of Unprotected Peptide Segments through Pseudoproline Formation for the Synthesis of HIV-1 Protease Analogs. <i>Journal of the American Chemical Society</i> , 1996 , 118, 307-312	16.4	79
269	Synthesis of large cyclic cystine-knot peptide by orthogonal coupling strategy using unprotected peptide precursor. <i>Tetrahedron Letters</i> , 1997 , 38, 5599-5602	2	77
268	Stereospecific Pseudoproline Ligation of N-Terminal Serine, Threonine, or Cysteine-Containing Unprotected Peptides. <i>Journal of the American Chemical Society</i> , 1999 , 121, 9013-9022	16.4	77
267	Design of Gram-negative selective antimicrobial peptides. <i>Biochemistry</i> , 2001 , 40, 5777-85	3.2	75
266	Lactone and Lactam Library Synthesis by Silver Ion-Assisted Orthogonal Cyclization of Unprotected Peptides. <i>Journal of the American Chemical Society</i> , 1999 , 121, 3311-3320	16.4	75
265	Total Synthesis of Circular Bacteriocins by Butelase 1. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6968-71	16.4	73
264	Chemically unambiguous peptide immunogen: preparation, orientation and antigenicity of purified peptide conjugated to the multiple antigen peptide system. <i>Molecular Immunology</i> , 1991 , 28, 623-30	4.3	73
263	Improved synthesis of 4-alkoxybenzyl alcohol resin. <i>Journal of Organic Chemistry</i> , 1981 , 46, 3433-3436	4.2	73
262	Dissecting G protein-coupled receptor signaling pathways with membrane-permeable blocking peptides. Endogenous 5-HT(2C) receptors in choroid plexus epithelial cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 7021-9	5.4	72
261	Hydroxylation of aspartic acid in domains homologous to the epidermal growth factor precursor is catalyzed by a 2-oxoglutarate-dependent dioxygenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 444-7	11.5	72
260	Expression of SARS-coronavirus envelope protein in <i>Escherichia coli</i> cells alters membrane permeability. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 374-80	3.4	71
259	Synthetic peptides from the circumsporozoite proteins of <i>Plasmodium falciparum</i> and <i>Plasmodium knowlesi</i> recognize the human hepatoma cell line HepG2-A16 in vitro. <i>Journal of Experimental Medicine</i> , 1986 , 164, 1915-22	16.6	71
258	Butelase-mediated cyclization and ligation of peptides and proteins. <i>Nature Protocols</i> , 2016 , 11, 1977-1988	16.8	71
257	Thiazolidine formation as a general and site-specific conjugation method for synthetic peptides and proteins. <i>Analytical Biochemistry</i> , 1996 , 233, 87-93	3.1	69
256	Inhibition of protein kinase R activation and upregulation of GADD34 expression play a synergistic role in facilitating coronavirus replication by maintaining de novo protein synthesis in virus-infected cells. <i>Journal of Virology</i> , 2009 , 83, 12462-72	6.6	66
255	Unprotected peptides as building blocks for branched peptides and peptide dendrimers. <i>International Journal of Peptide and Protein Research</i> , 1995 , 45, 78-85		66

254	Long-chain polystyrene-grafted polyethylene film matrix: a new support for solid-phase peptide synthesis. <i>Journal of the American Chemical Society</i> , 1989 , 111, 8024-8026	16.4	66
253	A new ligation method for N-terminal tryptophan-containing peptides using the Pictet-Spengler reaction. <i>Tetrahedron Letters</i> , 2000 , 41, 4069-4073	2	65
252	Butelase-Mediated Macrocyclization of d-Amino-Acid-Containing Peptides. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12802-6	16.4	64
251	Weak acid-catalyzed pyrrolidone carboxylic acid formation from glutamine during solid phase peptide synthesis. Minimization by rapid coupling. <i>International Journal of Peptide and Protein Research</i> , 1982 , 19, 88-93		63
250	Sumoylation of the nucleocapsid protein of severe acute respiratory syndrome coronavirus. <i>FEBS Letters</i> , 2005 , 579, 2387-96	3.8	63
249	Novel cyclotides and uncyclotides with highly shortened precursors from <i>Chassalia chartacea</i> and effects of methionine oxidation on bioactivities. <i>Journal of Biological Chemistry</i> , 2012 , 287, 17598-17607 ^{5.4}		62
248	Self-powered, on-demand transdermal drug delivery system driven by triboelectric nanogenerator. <i>Nano Energy</i> , 2019 , 62, 610-619	17.1	61
247	Cyclohexyl ester as a new protecting group for aspartyl peptides to minimize aspartimide formation in acidic and basic treatments. <i>Tetrahedron Letters</i> , 1979 , 20, 4033-4036	2	59
246	Cell cycle arrest and apoptosis induced by the coronavirus infectious bronchitis virus in the absence of p53. <i>Virology</i> , 2007 , 365, 435-45	3.6	58
245	Membranolytic selectivity of cystine-stabilized cyclic protegrins. <i>FEBS Journal</i> , 2000 , 267, 3289-300		57
244	Phenotyping of an in vitro model of ischemic penumbra by iTRAQ-based shotgun quantitative proteomics. <i>Journal of Proteome Research</i> , 2010 , 9, 472-84	5.6	56
243	Orthogonal coupling of unprotected peptide segments through histidyl amino terminus. <i>Tetrahedron Letters</i> , 1997 , 38, 3-6	2	56
242	Site-Specific N-Terminal Labeling of Peptides and Proteins using Butelase 1 and Thiodepsipeptide. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15694-8	16.4	55
241	Two-step selective formation of three disulfide bridges in the synthesis of the C-terminal epidermal growth factor-like domain in human blood coagulation factor IX. <i>Protein Science</i> , 1994 , 3, 1267-75	6.3	55
240	Aspartimide formation in base-driven 9-fluorenylmethoxycarbonyl chemistry. <i>Tetrahedron Letters</i> , 1994 , 35, 9689-9692	2	55
239	Chlorotrimethylsilane-phenol as a mild deprotection reagent for the tert-butyl based protecting groups in peptide synthesis. <i>Tetrahedron Letters</i> , 1988 , 29, 303-306	2	55
238	Design and synthesis of multidetachable resin supports for solid-phase peptide synthesis. <i>Journal of the American Chemical Society</i> , 1980 , 102, 6117-6127	16.4	55
237	Butelase-mediated synthesis of protein thioesters and its application for tandem chemoenzymatic ligation. <i>Chemical Communications</i> , 2015 , 51, 17289-92	5.8	54

236	Synthesis of tentoxin and related dehydro cyclic tetrapeptides. <i>Journal of Organic Chemistry</i> , 1978 , 43, 296-302	4.2	54
235	Improved Synthesis of 4-(Boc-aminoacyloxymethyl)-phenylacetic Acids for use in Solid Phase Peptide Synthesis. <i>Synthesis</i> , 1979 , 1979, 955-957	2.9	54
234	Enhancement of peptide coupling reactions by 4-dimethylaminopyridine. <i>International Journal of Peptide and Protein Research</i> , 1981 , 18, 459-67		53
233	Acyl disulfide-mediated intramolecular acylation for orthogonal coupling between unprotected peptide segments. Mechanism and application. <i>Tetrahedron Letters</i> , 1996 , 37, 933-936	2	53
232	Discovery of a linear cyclotide from the bracelet subfamily and its disulfide mapping by top-down mass spectrometry. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44833-44	5.4	52
231	A rational design of synthetic peptide vaccine with a built-in adjuvant. A modular approach for unambiguity. <i>International Journal of Peptide and Protein Research</i> , 1992 , 40, 214-21		52
230	Synthetic peptides as antigens for the detection of humoral immunity to Plasmodium falciparum sporozoites. <i>Journal of Immunological Methods</i> , 1986 , 93, 55-61	2.5	52
229	Structural determinants for peptide-bond formation by asparaginyl ligases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11737-11746	11.5	51
228	A thioethylalkylamido (TEA) thioester surrogate in the synthesis of a cyclic peptide via a tandem acyl shift. <i>Organic Letters</i> , 2013 , 15, 2620-3	6.2	51
227	Multiple antigenic peptide method for producing antipeptide site-specific antibodies. <i>Methods in Enzymology</i> , 1989 , 178, 739-46	1.7	51
226	Multiple T helper cell epitopes of the circumsporozoite protein of Plasmodium berghei. <i>European Journal of Immunology</i> , 1988 , 18, 1951-7	6.1	51
225	Engineered salt-insensitive alpha-defensins with end-to-end circularized structures. <i>Journal of Biological Chemistry</i> , 2000 , 275, 3943-9	5.4	50
224	Chemical synthesis of circular proteins. <i>Journal of Biological Chemistry</i> , 2012 , 287, 27020-5	5.4	48
223	Folding, misfolding, and amyloid protofibril formation of WW domain FBP28. <i>Biophysical Journal</i> , 2006 , 90, 3983-92	2.9	48
222	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelase 1. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7822-7825	16.4	47
221	A universal description for the experimental behavior of salt-(in)dependent oligocation-induced DNA condensation. <i>Nucleic Acids Research</i> , 2009 , 37, 7137-50	20.1	46
220	One-Pot Dual Labeling of IgG 1 and Preparation of C-to-C Fusion Proteins Through a Combination of Sortase A and Butelase 1. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3245-3249	6.3	46
219	Synthesis of biologically active transforming growth factor alpha. <i>International Journal of Peptide and Protein Research</i> , 1987 , 29, 421-31		44

218	Alanine scan of endothelin: importance of aromatic residues. <i>Peptides</i> , 1994 , 15, 703-8	3.8	44
217	Marked increase in membranolytic selectivity of novel cyclic tachyplesins constrained with an antiparallel two-beta strand cystine knot framework. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 267, 783-90	3.4	43
216	Correlations of cationic charges with salt sensitivity and microbial specificity of cystine-stabilized beta-strand antimicrobial peptides. <i>Journal of Biological Chemistry</i> , 2002 , 277, 50450-6	5.4	42
215	Selective deprotection of the N.alpha.-tert-butyloxycarbonyl group in solid phase peptide synthesis with chlorotrimethylsilane in phenol. <i>Journal of Organic Chemistry</i> , 1993 , 58, 5167-5175	4.2	42
214	Synthesis of a biological active tumor growth factor from the predicted DNA sequence of Shope fibroma virus. <i>Biochemistry</i> , 1988 , 27, 5640-5	3.2	42
213	Evaluation of the effect of trypsin digestion buffers on artificial deamidation. <i>Journal of Proteome Research</i> , 2015 , 14, 1308-14	5.6	41
212	Calcium binding and putative activity of the epidermal growth factor domain of blood coagulation factor IX. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 133-9	3.4	41
211	Optimal oxidative folding of the novel antimicrobial cyclotide from <i>Hedyotis biflora</i> requires high alcohol concentrations. <i>Biochemistry</i> , 2011 , 50, 7275-83	3.2	40
210	Biochemical evidence for the presence of mixed membrane topologies of the severe acute respiratory syndrome coronavirus envelope protein expressed in mammalian cells. <i>FEBS Letters</i> , 2006 , 580, 3192-200	3.8	40
209	A gradative deprotection strategy for the solid-phase synthesis of peptide amide using p-(acyloxy)benzhydrylamine resin and the SN2 deprotection method. <i>Journal of Organic Chemistry</i> , 1985 , 50, 5291-5298	4.2	40
208	Oral administration of an antigenic synthetic lipopeptide (MAP-P3C) evokes salivary antibodies and systemic humoral and cellular responses. <i>Vaccine</i> , 1994 , 12, 1335-9	4.1	39
207	Regulation of the p38 mitogen-activated protein kinase and dual-specificity phosphatase 1 feedback loop modulates the induction of interleukin 6 and 8 in cells infected with coronavirus infectious bronchitis virus. <i>Virology</i> , 2011 , 420, 106-16	3.6	38
206	Lipophilic multiple antigen peptide system for peptide immunogen and synthetic vaccine. <i>Molecular Immunology</i> , 1994 , 31, 1191-9	4.3	38
205	Interaction of the coronavirus infectious bronchitis virus membrane protein with beta-actin and its implication in virion assembly and budding. <i>PLoS ONE</i> , 2009 , 4, e4908	3.7	37
204	Metal ion-assisted peptide cyclization. <i>Tetrahedron Letters</i> , 1997 , 38, 4375-4378	2	37
203	Sequence-specific 1H NMR assignments, secondary structure, and location of the calcium binding site in the first epidermal growth factor like domain of blood coagulation factor IX. <i>Biochemistry</i> , 1991 , 30, 7402-9	3.2	37
202	A high-throughput peptidomic strategy to decipher the molecular diversity of cyclic cysteine-rich peptides. <i>Scientific Reports</i> , 2016 , 6, 23005	4.9	34
201	Tandem ligation of unprotected peptides through thiaproyl and cysteinyl bonds in water. <i>Journal of the American Chemical Society</i> , 2001 , 123, 2487-94	16.4	34

200	Quantitative profiling of chromatome dynamics reveals a novel role for HP1BP3 in hypoxia-induced oncogenesis. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 3236-49	7.6	32
199	Immunostimulating and Gram-negative-specific antibacterial cyclotides from the butterfly pea (<i>Clitoria ternatea</i>). <i>FEBS Journal</i> , 2016 , 283, 2067-90	5.7	32
198	An Orally Active Bradykinin B Receptor Antagonist Engineered as a Bifunctional Chimera of Sunflower Trypsin Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 504-510	8.3	30
197	Butelase-Mediated Ligation as an Efficient Bioconjugation Method for the Synthesis of Peptide Dendrimers. <i>Bioconjugate Chemistry</i> , 2016 , 27, 2592-2596	6.3	30
196	Orally Active Peptidic Bradykinin B1 Receptor Antagonists Engineered from a Cyclotide Scaffold for Inflammatory Pain Treatment. <i>Angewandte Chemie</i> , 2012 , 124, 5718-5722	3.6	30
195	Elucidating the structure of cyclotides by partial acid hydrolysis and LC-MS/MS analysis. <i>Analytical Chemistry</i> , 2009 , 81, 1079-88	7.8	30
194	Studies on the Chitin Binding Property of Novel Cysteine-Rich Peptides from <i>Alternanthera sessilis</i> . <i>Biochemistry</i> , 2015 , 54, 6639-49	3.2	29
193	Biomimetic synthesis of cyclic peptides using novel thioester surrogates. <i>Biopolymers</i> , 2013 , 100, 492-501.2		29
192	Discovery and characterization of pseudocyclic cystine-knot α -amylase inhibitors with high resistance to heat and proteolytic degradation. <i>FEBS Journal</i> , 2014 , 281, 4351-66	5.7	29
191	Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. <i>Journal of Proteomics</i> , 2014 , 98, 138-49	3.9	29
190	Bidirectional Tandem Pseudoproline Ligations of Proline-Rich Helical Peptides. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4253-4260	16.4	29
189	Design of salt-insensitive glycine-rich antimicrobial peptides with cyclic tricystine structures. <i>Biochemistry</i> , 2000 , 39, 7159-69	3.2	29
188	Profiling of the Chromatin-associated Proteome Identifies HP1BP3 as a Novel Regulator of Cell Cycle Progression. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 2183-97	7.6	28
187	Tandem ligation of multipartite peptides with cell-permeable activity. <i>Journal of the American Chemical Society</i> , 2003 , 125, 73-82	16.4	28
186	The sequence and optical configuration of the amino acids xentoxin. <i>Biochemical and Biophysical Research Communications</i> , 1973 , 53, 653-8	3.4	28
185	Multiple antigen peptide system. <i>Methods in Enzymology</i> , 1997 , 289, 612-37	1.7	27
184	Design and biophysical characterization of novel polycationic epsilon-peptides for DNA compaction and delivery. <i>Biomacromolecules</i> , 2008 , 9, 321-30	6.9	27
183	Selection of active ScFv to G-protein-coupled receptor CCR5 using surface antigen-mimicking peptides. <i>Biochemistry</i> , 2004 , 43, 12575-84	3.2	27

182	A more ecological and efficient approach for producing diosgenin from <i>Dioscorea zingiberensis</i> tubers via pressurized biphasic acid hydrolysis. <i>Journal of Cleaner Production</i> , 2016 , 131, 10-19	10.3	27
181	Allotides: Proline-Rich Cystine Knot β -Amylase Inhibitors from <i>Allamanda cathartica</i> . <i>Journal of Natural Products</i> , 2015 , 78, 695-704	4.9	26
180	Acid-catalyzed tandem thiol switch for preparing peptide thioesters from mercaptoethyl esters. <i>Organic Letters</i> , 2011 , 13, 2610-3	6.2	26
179	Infertility induced in rats by immunization with synthetic peptide segments of a sperm protein. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 538-43	3.4	26
178	Up-regulation of Mcl-1 and Bak by coronavirus infection of human, avian and animal cells modulates apoptosis and viral replication. <i>PLoS ONE</i> , 2012 , 7, e30191	3.7	26
177	Dementia-linked amyloidosis is associated with brain protein deamidation as revealed by proteomic profiling of human brain tissues. <i>Molecular Brain</i> , 2016 , 9, 20	4.5	25
176	Antiviral Cystine Knot β -Amylase Inhibitors from <i>Alstonia scholaris</i> . <i>Journal of Biological Chemistry</i> , 2015 , 290, 31138-50	5.4	25
175	Cyclisation of totally unprotected peptides in aqueous solution by oxime formation. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2021		25
174	High-density multiple antigen-peptide system for preparation of anti-peptide antibodies. <i>Methods in Enzymology</i> , 1989 , 168, 7-15	1.7	25
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