

James P Tam

List of Publications by Year in Descending Order

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

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	PAL-Mediated Ligation for Protein and Cell-Surface Modification. <i>Methods in Molecular Biology</i> , 2022 , 177-193	1.4	
324	Site-Specific Protein Modifications by an Engineered Asparaginyl Endopeptidase from. <i>Frontiers in Chemistry</i> , 2021 , 9, 768854	5	1
323	The legumain McPAL1 from <i>Momordica cochinchinensis</i> is a highly stable Asx-specific splicing enzyme. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101325	5.4	1
322	Discovery of Hyperstable Noncanonical Plant-Derived Epidermal Growth Factor Receptor Agonist and Analogs. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 7746-7759	8.3	1
321	pH-Controlled Protein Orthogonal Ligation Using Asparaginyl Peptide Ligases. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8704-8712	16.4	10
320	Identification and characterization of a wolfberry carboxypeptidase inhibitor from <i>Lycium barbarum</i> . <i>Food Chemistry</i> , 2021 , 351, 129338	8.5	4
319	Characterization and application of natural and recombinant butelase-1 to improve industrial enzymes by end-to-end circularization.. <i>RSC Advances</i> , 2021 , 11, 23105-23112	3.7	5
318	Anti-Fungal Hevein-like Peptides Biosynthesized from Quinoa Cleavable Hololectins. <i>Molecules</i> , 2021 , 26,	4.8	2
317	N ^H -Hydroxyasparagine: A Multifunctional Unnatural Amino Acid That is a Good P1 Substrate of Asparaginyl Peptide Ligases. <i>Angewandte Chemie</i> , 2021 , 133, 22381-22385	3.6	1
316	N -Hydroxyasparagine: A Multifunctional Unnatural Amino Acid That is a Good P1 Substrate of Asparaginyl Peptide Ligases. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22207-22211	16.4	3
315	Engineering protein theranostics using bio-orthogonal asparaginyl peptide ligases. <i>Theranostics</i> , 2021 , 11, 5863-5875	12.1	11
314	Vypal2: A Versatile Peptide Ligase for Precision Tailoring of Proteins.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	2
313	Peptide asparaginyl ligases—enegade peptide bond makers. <i>Science China Chemistry</i> , 2020 , 63, 296-307	7.9	15
312	Hyperstable Cell-Penetrating Peptides from Medicinal Plants. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
311	Immobilized Peptide Asparaginyl Ligases Enhance Stability and Facilitate Macrocyclization and Site-Specific Ligation. <i>Journal of Organic Chemistry</i> , 2020 , 85, 1504-1512	4.2	13
310	Cyclization of a G4-specific peptide enhances its stability and G-quadruplex binding affinity. <i>Chemical Communications</i> , 2020 , 56, 1082-1084	5.8	9
309	Construction of FeO@β-glucosidase magnetic nanoparticles for ligand fishing of β-glucosidase inhibitors from a natural tonic <i>Epimedii Folium</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 1361-1372	7.9	5

308	Tagging Transferrin Receptor with a Disulfide FRET Probe To Gauge the Redox State in Endosomal Compartments. <i>Analytical Chemistry</i> , 2020 , 92, 12460-12466	7.8	14
307	Turning an Asparaginyl Endopeptidase into a Peptide Ligase. <i>ACS Catalysis</i> , 2020 , 10, 8825-8834	13.1	15
306	Eco-efficient biphasic enzymatic hydrolysis for the green production of rare baohuoside I. <i>Enzyme and Microbial Technology</i> , 2019 , 131, 109431	3.8	4
305	Plant-derived mitochondria-targeting cysteine-rich peptide modulates cellular bioenergetics. <i>Journal of Biological Chemistry</i> , 2019 , 294, 4000-4011	5.4	11
304	Self-powered, on-demand transdermal drug delivery system driven by triboelectric nanogenerator. <i>Nano Energy</i> , 2019 , 62, 610-619	17.1	61
303	Butelase 1-Mediated Ligation of Peptides and Proteins. <i>Methods in Molecular Biology</i> , 2019 , 2012, 83-109	1.4	6
302	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
301	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
300	Potentides: New Cysteine-Rich Peptides with Unusual Disulfide Connectivity from <i>Potentilla anserina</i> . <i>ChemBioChem</i> , 2019 , 20, 1995-2004	3.8	8
299	Cysteine-Rich Peptide Fingerprinting as a General Method for Herbal Analysis to Differentiate <i>Radix Astragali</i> and <i>Radix Hedysarum</i> . <i>Frontiers in Plant Science</i> , 2019 , 10, 973	6.2	6
298	LIR Motif-Containing Hyperdisulfide Peptide Scaffold is Cytoprotective, Adaptogenic, and Scaffold-Ready. <i>Molecules</i> , 2019 , 24,	4.8	1
297	Prooxidant modifications in the cryptome of beef jerky, the deleterious post-digestion composition of processed meat snacks. <i>Food Research International</i> , 2019 , 125, 108569	7	1
296	Pulsed SILAC-based proteomic analysis unveils hypoxia- and serum starvation-induced protein synthesis with PHD finger protein 14 (PHF14) as a hypoxia sensitive epigenetic regulator in cell cycle progression. <i>Oncotarget</i> , 2019 , 10, 2136-2150	3.3	11
295	Identification of a Naturally-occurring Heparin-binding Peptide Preferentially Targeting the Nucleolus. <i>FASEB Journal</i> , 2019 , 33, 471.13	0.9	
294	Discovery of a Plant-derived Cell-penetrating Proteasome Inhibitor. <i>FASEB Journal</i> , 2019 , 33, 634.6	0.9	
293	Butelase: Linkage-specific Ligase. <i>FASEB Journal</i> , 2019 , 33, 783.4	0.9	
292	Astratides: Insulin-Modulating, Insecticidal, and Antifungal Cysteine-Rich Peptides from <i>Astragalus membranaceus</i> . <i>Journal of Natural Products</i> , 2019 , 82, 194-204	4.9	13
291	Ligase-Controlled Cyclo-oligomerization of Peptides. <i>Organic Letters</i> , 2019 , 21, 2029-2032	6.2	12

290	Roseltide rT7 is a disulfide-rich, anionic, and cell-penetrating peptide that inhibits proteasomal degradation. <i>Journal of Biological Chemistry</i> , 2019 , 294, 19604-19615	5.4	7
289	Convenient preparation of sagittatoside B, a rare bioactive secondary flavonol glycoside, by recyclable and integrated biphasic enzymatic hydrolysis. <i>Enzyme and Microbial Technology</i> , 2019 , 121, 51-58	3.8	6
288	A novel PCR-based technology for rapid and non-sequencing authentication of <i>Bombyx batryticatus</i> using species-specific primers. <i>Natural Product Research</i> , 2019 , 33, 1251-1256	2.3	7
287	Peptidomic Identification of Cysteine-Rich Peptides from Plants. <i>Methods in Molecular Biology</i> , 2018 , 1719, 379-393	1.4	5
286	Establishment of a rapid method to quantify eight flavonol glycosides for quality assessment of red toon using UPLC. <i>Acta Chromatographica</i> , 2018 , 30, 31-37	1.5	3
285	Construction of a novel catalysis system for clean and efficient preparation of Baohuoside I from Icaria based on biphasic enzymatic hydrolysis. <i>Journal of Cleaner Production</i> , 2018 , 170, 727-734	10.3	8
284	Molecular diversity and function of jasmintides from <i>Jasminum sambac</i> . <i>BMC Plant Biology</i> , 2018 , 18, 144	5.3	4
283	Immobilization and Intracellular Delivery of Circular Proteins by Modifying a Genetically Incorporated Unnatural Amino Acid. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2170-2175	6.3	16
282	Mitochondria-targeting peptide from <i>Hibiscus sabdariffa</i> . <i>FASEB Journal</i> , 2018 , 32, 530.10	0.9	
281	DNA-binding peptide dendrimer for efficient and selective intracellular delivery. <i>FASEB Journal</i> , 2018 , 32, 530.30	0.9	
280	Ginsentides: Cysteine and Glycine-rich Peptides from the Ginseng Family with Unusual Disulfide Connectivity. <i>Scientific Reports</i> , 2018 , 8, 16201	4.9	15
279	Vascular Bed Molecular Profiling by Differential Systemic Decellularization In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2396-2409	9.4	9
278	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
277	Identification and application of self-binding zipper-like sequences in SARS-CoV spike protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 101, 103-112	5.6	2
276	Dietary phytochemical PEITC restricts tumor development via modulation of epigenetic writers and erasers. <i>Scientific Reports</i> , 2017 , 7, 40569	4.9	21
275	Engineering a Catalytically Efficient Recombinant Protein Ligase. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5351-5358	16.4	98
274	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelase 1. <i>Angewandte Chemie</i> , 2017 , 129, 7930-7933	3.6	11
273	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelase 1. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7822-7825	16.4	47

272	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
271	Macrocyclic Antimicrobial Peptides Engineered from β -Conotoxin. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2131-2138	3.3	12
270	ginkgotides: Hyperdisulfide-constrained peptides from Ginkgo biloba. <i>Scientific Reports</i> , 2017 , 7, 6140	4.9	9
269	Lybatides from Lycium barbarum Contain An Unusual Cystine-stapled Helical Peptide Scaffold. <i>Scientific Reports</i> , 2017 , 7, 5194	4.9	8
268	Morintides: cargo-free chitin-binding peptides from Moringa oleifera. <i>BMC Plant Biology</i> , 2017 , 17, 68	5.3	22
267	Vaccatides: Antifungal Glutamine-Rich Hevein-Like Peptides from. <i>Frontiers in Plant Science</i> , 2017 , 8, 1100	6.2	18
266	Bleogens: Cactus-Derived Anti-Candida Cysteine-Rich Peptides with Three Different Precursor Arrangements. <i>Frontiers in Plant Science</i> , 2017 , 8, 2162	6.2	20
265	Commercial processed soy-based food product contains glycated and glycoxidated lunasin proteoforms. <i>Scientific Reports</i> , 2016 , 6, 26106	4.9	18
264	Butelase-Mediated Macrocyclization of d-Amino-Acid-Containing Peptides. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12802-6	16.4	64
263	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
262	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
261	Total Synthesis of Circular Bacteriocins by Butelase 1. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6968-71	16.4	73
260	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
259	Plasma proteome coverage is increased by unique peptide recovery from sodium deoxycholate precipitate. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 1963-73	4.4	15
258	Quantitative Analysis and Comparison of Four Major Flavonol Glycosides in the Leaves of <i>Toona sinensis</i> (A. Juss.) Roemer (Chinese Toon) from Various Origins by High-Performance Liquid Chromatography-Diode Array Detector and Hierarchical Clustering Analysis. <i>Pharmacognosy Magazine</i> , 2016 , 12, S270-6	0.8	7
257	Human Coronaviruses: A Review of Virus-Host Interactions. <i>Diseases (Basel, Switzerland)</i> , 2016 , 4,	4.4	319
256	Ginkgotides: Proline-Rich Hevein-Like Peptides from Gymnosperm. <i>Frontiers in Plant Science</i> , 2016 , 7, 1639	6.2	21
255	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

254	Identification and Characterization of Roseltide, a Knottin-type Neutrophil Elastase Inhibitor Derived from Hibiscus sabdariffa. <i>Scientific Reports</i> , 2016 , 6, 39401	4.9	15
253	A more ecological and efficient approach for producing diosgenin from Dioscorea zingiberensis tubers via pressurized biphasic acid hydrolysis. <i>Journal of Cleaner Production</i> , 2016 , 131, 10-19	10.3	27
252	Butelase-mediated cyclization and ligation of peptides and proteins. <i>Nature Protocols</i> , 2016 , 11, 1977-1988	9.8	71
251	Butelase-Mediated Macrocyclization of d-Amino-Acid-Containing Peptides. <i>Angewandte Chemie</i> , 2016 , 128, 12994-12998	3.6	14
250	Studies on the Chitin Binding Property of Novel Cysteine-Rich Peptides from Alternanthera sessilis. <i>Biochemistry</i> , 2015 , 54, 6639-49	3.2	29
249	Butelase-mediated synthesis of protein thioesters and its application for tandem chemoenzymatic ligation. <i>Chemical Communications</i> , 2015 , 51, 17289-92	5.8	54
248	Evaluation of the effect of trypsin digestion buffers on artificial deamidation. <i>Journal of Proteome Research</i> , 2015 , 14, 1308-14	5.6	41
247	Site-Specific N-Terminal Labeling of Peptides and Proteins using Butelase 1 and Thiodepsipeptide. <i>Angewandte Chemie</i> , 2015 , 127, 15920-15924	3.6	13
246	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
245	A novel strategy for the discrimination of gelatinous Chinese medicines based on enzymatic digestion followed by nano-flow liquid chromatography in tandem with orbitrap mass spectrum detection. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4947-55	7.3	24
244	Antimicrobial Peptides from Plants. <i>Pharmaceuticals</i> , 2015 , 8, 711-57	5.2	241
243	Membrane-Active Sequences within gp41 Membrane Proximal External Region (MPER) Modulate MPER-Containing Peptidyl Fusion Inhibitor Activity and the Biosynthesis of HIV-1 Structural Proteins. <i>PLoS ONE</i> , 2015 , 10, e0134851	3.7	3
242	Allotides: Proline-Rich Cystine Knot β -Amylase Inhibitors from Allamanda cathartica. <i>Journal of Natural Products</i> , 2015 , 78, 695-704	4.9	26
241	Cysteine-Rich Peptide Family with Unusual Disulfide Connectivity from Jasminum sambac. <i>Journal of Natural Products</i> , 2015 , 78, 2791-9	4.9	10
240	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
239	Antiviral Cystine Knot β -Amylase Inhibitors from Alstonia scholaris. <i>Journal of Biological Chemistry</i> , 2015 , 290, 31138-50	5.4	25
238	Tryptophan-dependent membrane interaction and heteromerization with the internal fusion peptide by the membrane proximal external region of SARS-CoV spike protein. <i>Biochemistry</i> , 2015 , 54, 1819-30	3.2	22
237	Selective Bi-directional Amide Bond Cleavage of N-Methylcysteinyl Peptide. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4370-4380	3.2	5

236	Butelase 1 is an Asx-specific ligase enabling peptide macrocyclization and synthesis. <i>Nature Chemical Biology</i> , 2014 , 10, 732-8	11.7	280
235	Peptide macrocyclization through amide-to-amide transpeptidation. <i>Tetrahedron</i> , 2014 , 70, 7707-7713	2.4	6
234	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
233	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
232	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
231	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
230	Biomimetic synthesis of cyclic peptides using novel thioester surrogates. <i>Biopolymers</i> , 2013 , 100, 492-501	1.2	29
229	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
228	Correction of errors in tandem mass spectrum extraction enhances phosphopeptide identification. <i>Journal of Proteome Research</i> , 2013 , 12, 5548-57	5.6	9
227	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
226	Chemical synthesis of circular proteins. <i>Journal of Biological Chemistry</i> , 2012 , 287, 27020-5	5.4	48
225	The effect of salt on oligocation-induced chromatin condensation. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 205-10	3.4	14
224	Biophysical properties and supramolecular structure of self-assembled liposome/peptide/DNA nanoparticles: correlation with gene delivery. <i>Biomacromolecules</i> , 2012 , 13, 124-31	6.9	14
223	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
222	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
221	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
220	A universal description for the experimental behavior of salt-(in)dependent oligocation-induced DNA condensation. <i>Nucleic Acids Research</i> , 2012 , 40, 2808-21	20.1	21
219	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

218	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
217	Tandem thiol switch synthesis of peptide thioesters via N-S acyl shift on thiazolidine. <i>Organic Letters</i> , 2011 , 13, 5176-9	6.2	23
216	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
215	Acid-catalyzed tandem thiol switch for preparing peptide thioesters from mercaptoethyl esters. <i>Organic Letters</i> , 2011 , 13, 2610-3	6.2	26
214	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
213	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
212	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
211	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
210	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
209	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
208	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
207	Solid phase synthesis of gastrin I. <i>International Journal of Peptide and Protein Research</i> , 2009 , 26, 262-273		20
206	Improved deprotection of cysteine-containing peptides in HF. <i>International Journal of Peptide and Protein Research</i> , 2009 , 28, 498-507		16
205	Formation of stable homodimer via the C-terminal alpha-helical domain of coronavirus nonstructural protein 9 is critical for its function in viral replication. <i>Virology</i> , 2009 , 383, 328-37	3.6	13
204	KLF4 suppresses HDACi induced caspase activation and the SAPK pathway by targeting p57(Kip2). <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009 , 14, 1095-107	5.4	13
203	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
202	Anti-HIV dendrimeric peptides. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 539-40	3.6	
201	Epsilon-peptide chimeras as novel antimicrobials. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 393-4	3.6	

200	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
199	Importance of SARS-CoV spike protein Trp-rich region in viral infectivity. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 356-60	3.4	15
198	Design and biophysical characterization of novel polycationic epsilon-peptides for DNA compaction and delivery. <i>Biomacromolecules</i> , 2008 , 9, 321-30	6.9	27
197	A Novel Approach for Development and Implementation of an Emergency Response Plan for the BSL-3 Laboratory Service in Singapore. <i>Applied Biosafety</i> , 2008 , 13, 158-163	1.3	2
196	Quaternary protein mimetics of gp41 elicit neutralizing antibodies against HIV fusion-active intermediate state. <i>Biopolymers</i> , 2008 , 90, 320-9	2.2	7
195	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
194	Biological Agents and Toxins Act: Development and Enforcement of Biosafety and Biosecurity in Singapore. <i>Applied Biosafety</i> , 2007 , 12, 39-43	1.3	2
193	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
192	Viroporin activity of SARS-CoV E protein. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 581, 199-202	3.02	15
191	Folding, misfolding, and amyloid protofibril formation of WW domain FBP28. <i>Biophysical Journal</i> , 2006 , 90, 3983-92	2.9	48
190	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
189	Peptide Dendrimers as Immunogens 2006 , 541-546		1
188	Molecular Simulation of an Fe-Peptide Dendrimer 2006 , 585-586		
187	A Long Range S,N-Acyl Migration by Silver Ion Assistance in Thioester Ligation 2006 , 84-85		
186	Implementation of a Biosafety Level 3 (BSL-3) Facility in Singapore: Requirements, Work Practices, and Procedures. <i>Applied Biosafety</i> , 2006 , 11, 15-23	1.3	4
185	Biochemical and functional characterization of Epstein-Barr virus-encoded BARF1 protein: interaction with human hTid1 protein facilitates its maturation and secretion. <i>Oncogene</i> , 2006 , 25, 4320-31	9.2	17
184	Sumoylation of the nucleocapsid protein of severe acute respiratory syndrome coronavirus by interaction with Ubc9. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 581, 121-6	3.6	9
183	Peptide ligation by a reversible and reusable C-terminal thiol handle. <i>Organic Letters</i> , 2005 , 7, 5003-6	6.2	21

182	Sumoylation of the nucleocapsid protein of severe acute respiratory syndrome coronavirus. <i>FEBS Letters</i> , 2005 , 579, 2387-96	3.8	63
181	Mimicking reverse protein splicing by three-segment tandem peptide ligation. <i>Protein and Peptide Letters</i> , 2005 , 12, 743-9	1.9	1
180	Ninhydrin as a reversible protecting group of amino-terminal cysteine. <i>Chemical Biology and Drug Design</i> , 2004 , 63, 223-34		13
179	Shape-mimetics of G-protein-coupled receptors in therapeutic drug design and screening. <i>Drug Development Research</i> , 2004 , 62, 336-348	5.1	
178	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
177	Expression of SARS-coronavirus envelope protein in Escherichia coli cells alters membrane permeability. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 325, 374-80	3.4	71
176	Tandem ligation of multipartite peptides with cell-permeable activity. <i>Journal of the American Chemical Society</i> , 2003 , 125, 73-82	16.4	28
175	Antimicrobial dendrimeric peptides. <i>FEBS Journal</i> , 2002 , 269, 923-32		174
174	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
173	Novel concepts for the synthesis of cyclic peptide libraries 2002 , 19-21		
172	A facile ligation approach to prepare three-helix bundles of HIV fusion-state protein mimetics. <i>Organic Letters</i> , 2002 , 4, 4167-70	6.2	24
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