

James P Tam

List of Publications by Year in descending order

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329
papers

20,208
citations

9756

73
h-index

13727

129
g-index

341
all docs

341
docs citations

341
times ranked

13686
citing authors

#	ARTICLE	IF	CITATIONS
1	Asparaginyl Endopeptidase-Mediated Protein C-Terminal Hydrazinolysis for the Synthesis of Bioconjugates. <i>Bioconjugate Chemistry</i> , 2022, 33, 238-247.	1.8	6
2	Vypal2: A Versatile Peptide Ligase for Precision Tailoring of Proteins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 458.	1.8	5
3	Hololectin Interdomain Linker Determines Asparaginyl Endopeptidase-Mediated Maturation of Antifungal Hevein-Like Peptides in Oats. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	10
4	PAL-Mediated Ligation for Protein and Cell-Surface Modification. <i>Methods in Molecular Biology</i> , 2022, , 177-193.	0.4	3
5	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.	1.7	12
6	Discovery of Hyperstable Noncanonical Plant-Derived Epidermal Growth Factor Receptor Agonist and Analogs. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7746-7759.	2.9	13
7	pH-Controlled Protein Orthogonal Ligation Using Asparaginyl Peptide Ligases. <i>Journal of the American Chemical Society</i> , 2021, 143, 8704-8712.	6.6	25
8	Identification and characterization of a wolfberry carboxypeptidase inhibitor from <i>Lycium barbarum</i> . <i>Food Chemistry</i> , 2021, 351, 129338.	4.2	7
9	Anti-Fungal Hevein-like Peptides Biosynthesized from Quinoa Cleavable Hololectins. <i>Molecules</i> , 2021, 26, 5909.	1.7	18
10	N ¹³ â€Hydroxyasparagine: A Multifunctional Unnatural Amino Acid That is a Good P1 Substrate of Asparaginyl Peptide Ligases. <i>Angewandte Chemie</i> , 2021, 133, 22381-22385.	1.6	1
11	N ¹³ â€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.	7.2	5
12	Engineering protein theranostics using bio-orthogonal asparaginyl peptide ligases. <i>Theranostics</i> , 2021, 11, 5863-5875.	4.6	17
13	Site-Specific Protein Modifications by an Engineered Asparaginyl Endopeptidase from <i>Viola canadensis</i> . <i>Frontiers in Chemistry</i> , 2021, 9, 768854.	1.8	3
14	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.	1.6	9
15	Immobilized Peptide Asparaginyl Ligases Enhance Stability and Facilitate Macrocyclization and Site-Specific Ligation. <i>Journal of Organic Chemistry</i> , 2020, 85, 1504-1512.	1.7	19
16	Cyclization of a G4-specific peptide enhances its stability and G-quadruplex binding affinity. <i>Chemical Communications</i> , 2020, 56, 1082-1084.	2.2	22
17	Construction of Fe ₃ O ₄ @Î±-glucosidase magnetic nanoparticles for ligand fishing of Î±-glucosidase inhibitors from a natural tonic <i>Epimedii Folium</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1361-1372.	3.6	22
18	Tagging Transferrin Receptor with a Disulfide FRET Probe To Gauge the Redox State in Endosomal Compartments. <i>Analytical Chemistry</i> , 2020, 92, 12460-12466.	3.2	20

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19	Turning an Asparaginyl Endopeptidase into a Peptide Ligase. <i>ACS Catalysis</i> , 2020, 10, 8825-8834.	5.5	29
20	Peptide asparaginyl ligasesâ€”renegade peptide bond makers. <i>Science China Chemistry</i> , 2020, 63, 296-307.	4.2	19
21	Hyperstable Cellâ€”Penetrating Peptides from Medicinal Plants. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
22	Cysteine-Rich Peptide Fingerprinting as a General Method for Herbal Analysis to Differentiate Radix Astragali and Radix Hedysarum. <i>Frontiers in Plant Science</i> , 2019, 10, 973.	1.7	8
23	LIR Motif-Containing Hyperdisulfide Î²-Ginkgotide is Cytoprotective, Adaptogenic, and Scaffold-Ready. <i>Molecules</i> , 2019, 24, 2417.	1.7	4
24	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.	2.9	3
25	Eco-efficient biphasic enzymatic hydrolysis for the green production of rare baohuoside I. <i>Enzyme and Microbial Technology</i> , 2019, 131, 109431.	1.6	14
26	Plant-derived mitochondria-targeting cysteine-rich peptide modulates cellular bioenergetics. <i>Journal of Biological Chemistry</i> , 2019, 294, 4000-4011.	1.6	30
27	Self-powered, on-demand transdermal drug delivery system driven by triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 62, 610-619.	8.2	99
28	Butelase 1-Mediated Ligation of Peptides and Proteins. <i>Methods in Molecular Biology</i> , 2019, 2012, 83-109.	0.4	11
29	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.	3.3	81
30	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.	2.6	212
31	Potentides: New Cysteineâ€”Rich Peptides with Unusual Disulfide Connectivity from <i>Potentilla anserina</i> . <i>ChemBioChem</i> , 2019, 20, 1995-2004.	1.3	10
32	Astratides: Insulin-Modulating, Insecticidal, and Antifungal Cysteine-Rich Peptides from <i>Astragalus membranaceus</i> . <i>Journal of Natural Products</i> , 2019, 82, 194-204.	1.5	21
33	Ligase-Controlled Cyclo-oligomerization of Peptides. <i>Organic Letters</i> , 2019, 21, 2029-2032.	2.4	13
34	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.	1.6	21
35	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.	1.6	12
36	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.	1.0	7

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37	Pulsed SILAC-based proteomic analysis unveils hypoxia- and serum starvation-induced <i>de novo</i> 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.	0.8	19
38	Identification of a Naturally-occurring Heparin-binding Peptide Preferentially Targeting the Nucleolus. <i>FASEB Journal</i> , 2019, 33, 471.13.	0.2	0
39	Discovery of a Plant-derived Cell-penetrating Proteasome Inhibitor. <i>FASEB Journal</i> , 2019, 33, 634.6.	0.2	0
40	Butelase: Linkage-specific Ligase. <i>FASEB Journal</i> , 2019, 33, 783.4.	0.2	0
41	Peptidomic Identification of Cysteine-Rich Peptides from Plants. <i>Methods in Molecular Biology</i> , 2018, 1719, 379-393.	0.4	7
42	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.	0.7	7
43	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.	4.6	12
44	Ginsentides: Cysteine and Glycine-rich Peptides from the Ginseng Family with Unusual Disulfide Connectivity. <i>Scientific Reports</i> , 2018, 8, 16201.	1.6	26
45	Vascular Bed Molecular Profiling by Differential Systemic Decellularization In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2396-2409.	1.1	16
46	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.	1.8	72
47	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.	1.2	6
48	Molecular diversity and function of jasmintides from <i>Jasminum sambac</i> . <i>BMC Plant Biology</i> , 2018, 18, 144.	1.6	8
49	Immobilization and Intracellular Delivery of Circular Proteins by Modifying a Genetically Incorporated Unnatural Amino Acid. <i>Bioconjugate Chemistry</i> , 2018, 29, 2170-2175.	1.8	22
50	Mitochondria-targeting peptide from <i>Hibiscus sabdariffa</i> . <i>FASEB Journal</i> , 2018, 32, 530.10.	0.2	0
51	DNA-binding peptide dendrimer for efficient and selective intracellular delivery. <i>FASEB Journal</i> , 2018, 32, 530.30.	0.2	0
52	Dietary phytochemical PEITC restricts tumor development via modulation of epigenetic writers and erasers. <i>Scientific Reports</i> , 2017, 7, 40569.	1.6	29
53	Engineering a Catalytically Efficient Recombinant Protein Ligase. <i>Journal of the American Chemical Society</i> , 2017, 139, 5351-5358.	6.6	153
54	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelase...1. <i>Angewandte Chemie</i> , 2017, 129, 7930-7933.	1.6	12

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55	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelaseâ€¦1. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7822-7825.	7.2	63
56	An Orally Active Bradykinin B ₁ Receptor Antagonist Engineered as a Bifunctional Chimera of Sunflower Trypsin Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 504-510.	2.9	39
57	Î²-Ginkgotides: Hyperdisulfide-constrained peptides from <i>Ginkgo biloba</i> . <i>Scientific Reports</i> , 2017, 7, 6140.	1.6	11
58	Lybatides from <i>Lycium barbarum</i> Contain An Unusual Cystine-stapled Helical Peptide Scaffold. <i>Scientific Reports</i> , 2017, 7, 5194.	1.6	13
59	Morintides: cargo-free chitin-binding peptides from <i>Moringa oleifera</i> . <i>BMC Plant Biology</i> , 2017, 17, 68.	1.6	33
60	Vaccatides: Antifungal Glutamine-Rich Hevein-Like Peptides from <i>Vaccaria hispanica</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1100.	1.7	23
61	Bleogens: Cactus-Derived Anti-Candida Cysteine-Rich Peptides with Three Different Precursor Arrangements. <i>Frontiers in Plant Science</i> , 2017, 8, 2162.	1.7	30
62	Macrocyclic Antimicrobial Peptides Engineered from Î‰-Conotoxin. <i>Current Pharmaceutical Design</i> , 2017, 23, 2131-2138.	0.9	21
63	Human Coronaviruses: A Review of Virusâ€“Host Interactions. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 26.	1.0	474
64	Ginkgotides: Proline-Rich Hevein-Like Peptides from Gymnosperm <i>Ginkgo biloba</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1639.	1.7	29
65	Immunostimulating and Gramâ€“negativeâ€“specific antibacterial cyclotides from the butterfly pea (<i>Clitoria ternatea</i>). <i>FEBS Journal</i> , 2016, 283, 2067-2090.	2.2	49
66	Identification and Characterization of Roseltide, a Knottin-type Neutrophil Elastase Inhibitor Derived from <i>Hibiscus sabdariffa</i> . <i>Scientific Reports</i> , 2016, 6, 39401.	1.6	35
67	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.	4.6	38
68	Butelase-mediated cyclization and ligation of peptides and proteins. <i>Nature Protocols</i> , 2016, 11, 1977-1988.	5.5	95
69	Butelaseâ€“Mediated Macrocyclization of <sc>d</sc>â€“Aminoâ€“Acidâ€“Containing Peptides. <i>Angewandte Chemie</i> , 2016, 128, 12994-12998.	1.6	17
70	Commercial processed soy-based food product contains glycosylated and glycoxidated lunasin proteoforms. <i>Scientific Reports</i> , 2016, 6, 26106.	1.6	22
71	Butelaseâ€“Mediated Macrocyclization of <sc>d</sc>â€“Aminoâ€“Acidâ€“Containing Peptides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12802-12806.	7.2	82
72	Butelase-Mediated Ligation as an Efficient Bioconjugation Method for the Synthesis of Peptide Dendrimers. <i>Bioconjugate Chemistry</i> , 2016, 27, 2592-2596.	1.8	40

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73	A high-throughput peptidomic strategy to decipher the molecular diversity of cyclic cysteine-rich peptides. <i>Scientific Reports</i> , 2016, 6, 23005.	1.6	48
74	Total Synthesis of Circular Bacteriocins by Butelase 1. <i>Journal of the American Chemical Society</i> , 2016, 138, 6968-6971.	6.6	90
75	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.	1.3	30
76	Plasma proteome coverage is increased by unique peptide recovery from sodium deoxycholate precipitate. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1963-1973.	1.9	20
77	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, 270.	0.3	11
78	Site-specific N-terminal Labeling of Peptides and Proteins using Butelase 1 and Thiopeptide. <i>Angewandte Chemie</i> , 2015, 127, 15920-15924.	1.6	18
79	Site-specific N-terminal Labeling of Peptides and Proteins using Butelase 1 and Thiopeptide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15694-15698.	7.2	82
80	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.	3.3	35
81	Antimicrobial Peptides from Plants. <i>Pharmaceuticals</i> , 2015, 8, 711-757.	1.7	343
82	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.	1.1	3
83	Allotides: Proline-Rich Cystine Knot β -Amylase Inhibitors from <i>Allamanda cathartica</i> . <i>Journal of Natural Products</i> , 2015, 78, 695-704.	1.5	29
84	Cysteine-Rich Peptide Family with Unusual Disulfide Connectivity from <i>Jasminum sambac</i> . <i>Journal of Natural Products</i> , 2015, 78, 2791-2799.	1.5	13
85	Butelase 1: A Versatile Ligase for Peptide and Protein Macrocyclization. <i>Journal of the American Chemical Society</i> , 2015, 137, 15398-15401.	6.6	147
86	Antiviral Cystine Knot β -Amylase Inhibitors from <i>Alstonia scholaris</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 31138-31150.	1.6	38
87	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, 1819-1830.	1.2	35
88	Studies on the Chitin Binding Property of Novel Cysteine-Rich Peptides from <i>Alternanthera sessilis</i> . <i>Biochemistry</i> , 2015, 54, 6639-6649.	1.2	38
89	Butelase-mediated synthesis of protein thioesters and its application for tandem chemoenzymatic ligation. <i>Chemical Communications</i> , 2015, 51, 17289-17292.	2.2	68
90	Evaluation of the Effect of Trypsin Digestion Buffers on Artificial Deamidation. <i>Journal of Proteome Research</i> , 2015, 14, 1308-1314.	1.8	46

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91	Butelase 1: A Versatile and Multi-Purpose Ligase. , 2015, , .		0
92	Discovery and characterization of pseudocyclic cysteineâ€knot Î±â€Camylase inhibitors with high resistance to heat and proteolytic degradation. FEBS Journal, 2014, 281, 4351-4366.	2.2	34
93	Quantitative Profiling of Chromatome Dynamics Reveals a Novel Role for HP1BP3 in Hypoxia-induced Oncogenesis. Molecular and Cellular Proteomics, 2014, 13, 3236-3249.	2.5	38
94	Profiling of the Chromatin-associated Proteome Identifies HP1BP3 as a Novel Regulator of Cell Cycle Progression. Molecular and Cellular Proteomics, 2014, 13, 2183-2197.	2.5	36
95	Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. Journal of Proteomics, 2014, 98, 138-149.	1.2	31
96	Selective Biâ€directional Amide Bond Cleavage of <i>N</i>â€Methylcysteinyl Peptide. European Journal of Organic Chemistry, 2014, 2014, 4370-4380.	1.2	5
97	Butelase 1 is an Asx-specific ligase enabling peptide macrocyclization and synthesis. Nature Chemical Biology, 2014, 10, 732-738.	3.9	348
98	Peptide macrocyclization through amide-to-amide transpeptidation. Tetrahedron, 2014, 70, 7707-7713.	1.0	6
99	Biomimetic synthesis of cyclic peptides using novel thioester surrogates. Biopolymers, 2013, 100, 492-501.	1.2	36
100	A Thioethylalkylamido (TEA) Thioester Surrogate in the Synthesis of a Cyclic Peptide via a Tandem Acyl Shift. Organic Letters, 2013, 15, 2620-2623.	2.4	54
101	Correction of Errors in Tandem Mass Spectrum Extraction Enhances Phosphopeptide Identification. Journal of Proteome Research, 2013, 12, 5548-5557.	1.8	10
102	Discovery of Linear Cyclotides in Monocot Plant Panicum laxum of Poaceae Family Provides New Insights into Evolution and Distribution of Cyclotides in Plants. Journal of Biological Chemistry, 2013, 288, 3370-3380.	1.6	99
103	Design and Synthesis of Peptide Biologics by Deconstruction of Proteins. , 2013, , .		0
104	Novel Cyclotides and Uncyclotides with Highly Shortened Precursors from Chassalia chartacea and Effects of Methionine Oxidation on Bioactivities. Journal of Biological Chemistry, 2012, 287, 17598-17607.	1.6	72
105	A universal description for the experimental behavior of salt-(in)dependent oligocation-induced DNA condensation. Nucleic Acids Research, 2012, 40, 2807-2821.	6.5	25
106	Chemical Synthesis of Circular Proteins. Journal of Biological Chemistry, 2012, 287, 27020-27025.	1.6	59
107	The effect of salt on oligocation-induced chromatin condensation. Biochemical and Biophysical Research Communications, 2012, 418, 205-210.	1.0	18
108	Biophysical Properties and Supramolecular Structure of Self-Assembled Liposome/Îµ-Peptide/DNA Nanoparticles: Correlation with Gene Delivery. Biomacromolecules, 2012, 13, 124-131.	2.6	15

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109	Orally Active Peptidic Bradykinin B ₁ Receptor Antagonists Engineered from a Cyclotide Scaffold for Inflammatory Pain Treatment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5620-5624.	7.2	208
110	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.	1.1	36
111	Acid-Catalyzed Tandem Thiol Switch for Preparing Peptide Thioesters from Mercaptoethyl Esters. <i>Organic Letters</i> , 2011, 13, 2610-2613.	2.4	29
112	Optimal Oxidative Folding of the Novel Antimicrobial Cyclotide from <i>Hedyotis biflora</i> Requires High Alcohol Concentrations. <i>Biochemistry</i> , 2011, 50, 7275-7283.	1.2	52
113	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, 44833-44844.	1.6	65
114	Tandem Thiol Switch Synthesis of Peptide Thioesters via N ^α -S Acyl Shift on Thiazolidine. <i>Organic Letters</i> , 2011, 13, 5176-5179.	2.4	25
115	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, 106-116.	1.1	50
116	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, 24275-24287.	1.6	153
117	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, 635-647.	2.5	90
118	Phenotyping of an <i>In Vitro</i> Model of Ischemic Penumbra by iTRAQ-Based Shotgun Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2010, 9, 472-484.	1.8	63
119	Interaction of the Coronavirus Infectious Bronchitis Virus Membrane Protein with β -Actin and Its Implication in Virion Assembly and Budding. <i>PLoS ONE</i> , 2009, 4, e4908.	1.1	49
120	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, 12462-12472.	1.5	85
121	A universal description for the experimental behavior of salt-(in)dependent oligocation-induced DNA condensation. <i>Nucleic Acids Research</i> , 2009, 37, 7137-7150.	6.5	58
122	Formation of stable homodimer via the C-terminal α -helical domain of coronavirus nonstructural protein 9 is critical for its function in viral replication. <i>Virology</i> , 2009, 383, 328-337.	1.1	18
123	KLF4 suppresses HDACi induced caspase activation and the SAPK pathway by targeting p57Kip2. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1095-1107.	2.2	15
124	Elucidating the Structure of Cyclotides by Partial Acid Hydrolysis and LC ⁻ MS/MS Analysis. <i>Analytical Chemistry</i> , 2009, 81, 1079-1088.	3.2	33
125	Anti-HIV dendrimeric peptides. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 539-540.	0.8	0
126	μ -Peptide Chimeras as Novel Antimicrobials. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 393-394.	0.8	0

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127	Quaternary protein mimetics of gp41 elicit neutralizing antibodies against HIV fusionâ€active intermediate state. <i>Biopolymers</i> , 2008, 90, 320-329.	1.2	7
128	Lipid rafts are involved in SARS-CoV entry into Vero E6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 344-349.	1.0	221
129	Importance of SARS-CoV spike protein Trp-rich region in viral infectivity. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 356-360.	1.0	24
130	Design and Biophysical Characterization of Novel Polycationic Îµ-Peptides for DNA Compaction and Delivery. <i>Biomacromolecules</i> , 2008, 9, 321-330.	2.6	35
131	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.	0.2	2
132	Biological Agents and Toxins Act: Development and Enforcement of Biosafety and Biosecurity in Singapore. <i>Applied Biosafety</i> , 2007, 12, 39-43.	0.2	2
133	Cell cycle arrest and apoptosis induced by the coronavirus infectious bronchitis virus in the absence of p53. <i>Virology</i> , 2007, 365, 435-445.	1.1	90
134	Folding, Misfolding, and Amyloid Protofibril Formation of WW Domain FBP28. <i>Biophysical Journal</i> , 2006, 90, 3983-3992.	0.2	48
135	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, 3192-3200.	1.3	58
136	Peptide Dendrimers as Immunogens. , 2006, , 541-546.		2
137	Molecular Simulation of an Î±/Î²-Peptide Dendrimer. , 2006, , 585-586.		0
138	A Long Range S,N-Acyl Migration by Silver Ion Assistance in Thioester Ligation. , 2006, , 84-85.		0
139	Implementation of a Biosafety Level 3 (BSL-3) Facility in Singapore: Requirements, Work Practices, and Procedures. <i>Applied Biosafety</i> , 2006, 11, 15-23.	0.2	6
140	Biochemical and functional characterization of Epsteinâ€Barr virus-encoded BARF1 protein: interaction with human hTid1 protein facilitates its maturation and secretion. <i>Oncogene</i> , 2006, 25, 4320-4331.	2.6	19
141	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, 264-275.	1.1	127
142	Viroporin Activity of SARS-CoV E Protein. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 199-202.	0.8	23
143	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, 121-126.	0.8	9
144	Mimicking Reverse Protein Splicing by Three-Segment Tandem Peptide Ligation. <i>Protein and Peptide Letters</i> , 2005, 12, 743-749.	0.4	1

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145	Peptide Ligation by a Reversible and Reusable C-Terminal Thiol Handle. <i>Organic Letters</i> , 2005, 7, 5003-5006.	2.4	22
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