

Yan-Mei Li

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.

184
papers

3,726
citations

32
h-index

53
g-index

192
ext. papers

4,385
ext. citations

5.3
avg. IF

5.38
L-index

#	Paper	IF	Citations
184	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2.. <i>Nano Research</i> , 2022 , 1-10	10	6
183	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation.. <i>Nano Research</i> , 2022 , 1-12	10	2
182	Regulation of liquid-liquid phase separation with focus on post-translational modifications. <i>Chemical Communications</i> , 2021 , 57, 13275-13287	5.8	7
181	Inhibitory Effects of Sulfated Polysaccharides from the Sea Cucumber against A β 0 Aggregation and Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 1854-1859	5.7	0
180	Black phosphorous nanosheet: A novel immune-potentiating nanoadjuvant for near-infrared-improved immunotherapy. <i>Biomaterials</i> , 2021 , 273, 120788	15.6	13
179	Mechanistic basis for receptor-mediated pathological α -synuclein fibril cell-to-cell transmission in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
178	A novel STING agonist for cancer immunotherapy and a SARS-CoV-2 vaccine adjuvant. <i>Chemical Communications</i> , 2021 , 57, 504-507	5.8	15
177	Chemical modifications of tryptophan residues in peptides and proteins. <i>Journal of Peptide Science</i> , 2021 , 27, e3286	2.1	12
176	Capturing protein droplets: label-free visualization and detection of protein liquid-liquid phase separation with an aggregation-induced emission fluorogen. <i>Chemical Communications</i> , 2021 , 57, 3805-3808	5.8	5
175	Cucurbit[8]uril facilitated Michael addition for regioselective cysteine modification. <i>Chemical Communications</i> , 2021 , 57, 6086-6089	5.8	2
174	A controllable double-cycle cryogenic device inducing hypothermia for laparoscopic orthotopic kidney transplantation in swine. <i>Translational Andrology and Urology</i> , 2021 , 10, 3046-3055	2.3	
173	A controlled clinical study of a two-trocar mini-laparoscopic technique versus the standard laparoscopic technique in treatment of adult renal cysts.. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2021 , 16, 728-735	1.4	
172	Extraperitoneal Laparoscopic Kidney Transplantation: Preliminary Clinical Experiences from China. <i>Advances in Therapy</i> , 2021 , 38, 1677-1689	4.1	0
171	Laparoscopic Orthotopic Kidney Transplantation in Swine: A Novel Vascular Prop Device for Venous Anastomoses. <i>Frontiers in Surgery</i> , 2021 , 8, 708449	2.3	
170	Contemporary Approaches to α -Dehydroamino Acid Chemical Modifications. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 1044	2.2	0
169	Peptides for disrupting and degrading amyloids. <i>Current Opinion in Chemical Biology</i> , 2021 , 64, 124-130	9.7	4
168	Supramolecular tandem assay for tyrosinase based on cucurbit[8]uril induced peptide inclusion. <i>Dyes and Pigments</i> , 2021 , 195, 109734	4.6	1

167	PamCSK-CDG Augments Antitumor Immunotherapy by Synergistically Activating TLR1/2 and STING. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2499-2503	6.3	7
166	Uncovering the pathological functions of Ser404 phosphorylation by semisynthesis of a phosphorylated TDP-43 prion-like domain. <i>Chemical Communications</i> , 2020 , 56, 5370-5373	5.8	6
165	A host-guest ATP responsive strategy for intracellular delivery of phosphopeptides. <i>Chemical Communications</i> , 2020 , 56, 5512-5515	5.8	10
164	An Effective Cooling Device for Minimal-Incision Kidney Transplantation. <i>Annals of Transplantation</i> , 2020 , 25, e928773	1.4	3
163	Restoration of antegrade ejaculation after transurethral bladder neck injection of Deflux for retrograde ejaculation: a case report of natural conception. <i>Translational Andrology and Urology</i> , 2020 , 9, 2270-2274	2.3	
162	Regulation of Immune Activation by Optical Control of TLR1/2 Heterodimerization. <i>ChemBioChem</i> , 2020 , 21, 1150-1154	3.8	6
161	Colorimetric determination of ascorbic acid using a polyallylamine-stabilized IrO/graphene oxide nanozyme as a peroxidase mimic. <i>Mikrochimica Acta</i> , 2020 , 187, 110	5.8	17
160	Agonists and inhibitors of the STING pathway: Potential agents for immunotherapy. <i>Medicinal Research Reviews</i> , 2020 , 40, 1117-1141	14.4	49
159	Emerging Adjuvants for Cancer Immunotherapy. <i>Frontiers in Chemistry</i> , 2020 , 8, 601	5	14
158	Parkinson's disease-related phosphorylation at Tyr39 rearranges β -synuclein amyloid fibril structure revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20305-20315	11.5	48
157	Late-stage peptide and protein modifications through phospho-Michael addition reaction. <i>Chemical Communications</i> , 2020 , 56, 12632-12635	5.8	4
156	Chemical Strategies to Boost Cancer Vaccines. <i>Chemical Reviews</i> , 2020 , 120, 11420-11478	68.1	29
155	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. <i>Molecular Pharmaceutics</i> , 2020 , 17, 417-425	5.6	16
154	Rational Design of a Cocktail of Inhibitors against A β Aggregation. <i>Chemistry - A European Journal</i> , 2020 , 26, 3499-3503	4.8	9
153	Black Phosphorus Nanomaterials Regulate the Aggregation of Amyloid- β . <i>ChemNanoMat</i> , 2019 , 5, 606-613	3.5	11
152	The TrkB-T1 receptor mediates BDNF-induced migration of aged cardiac microvascular endothelial cells by recruiting Willin. <i>Aging Cell</i> , 2019 , 18, e12881	9.9	6
151	Stereoselective synthesis of a phosphonate pThr mimetic via palladium-catalyzed EC(sp)-H activation for peptide preparation. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2099-2102	3.9	9
150	Urea-Functionalized Poly(ionic liquid) Photonic Spheres for Visual Identification of Explosives with a Smartphone. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21078-21085	9.5	14

149	Novel Mannitol-Based Small Molecules for Inhibiting Aggregation of β Synuclein Amyloids in Parkinson's Disease. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 16	5.6	27
148	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. <i>Chemical Science</i> , 2019 , 11, 826-832	9.4	5
147	Tryptophan-glucosamine conjugates modulate tau-derived PHF6 aggregation at low concentrations. <i>Chemical Communications</i> , 2019 , 55, 14621-14624	5.8	9
146	Exploring the Roles of Post-Translational Modifications in the Pathogenesis of Parkinson's Disease Using Synthetic and Semisynthetic Modified β Synuclein. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 910-921	5.7	12
145	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. <i>Bioorganic Chemistry</i> , 2019 , 84, 254-259	5.1	14
144	Designable Immune Therapeutic Vaccine System Based on DNA Supramolecular Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9310-9314	9.5	55
143	Targeting STING with cyclic di-GMP greatly augmented immune responses of glycopeptide cancer vaccines. <i>Chemical Communications</i> , 2018 , 54, 9655-9658	5.8	27
142	Synthesis of Ras proteins and their application in biofunctional studies. <i>Chinese Chemical Letters</i> , 2018 , 29, 1043-1050	8.1	3
141	Differential Modulation of the Aggregation of N-Terminal Truncated A β Using Cucurbiturils. <i>Chemistry - A European Journal</i> , 2018 , 24, 13647-13653	4.8	14
140	De Novo Design To Synthesize Lanthipeptides Involving Cascade Cysteine Reactions: SapB Synthesis as an Example. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7528-7533	4.2	8
139	A site-specific branching poly-glutamate tag mediates intracellular protein delivery by cationic lipids. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 671-676	3.4	0
138	Feasibility of Laparoscopic Combined Para-Orthotopic Pancreas and Orthotopic Kidney Transplantation: Initial Research with a Pig Model. <i>Annals of Transplantation</i> , 2018 , 23, 879-887	1.4	1
137	Evolutionary relationships between seryl-histidine dipeptide and modern serine proteases from the analysis based on mass spectrometry and bioinformatics. <i>Amino Acids</i> , 2018 , 50, 69-77	3.5	2
136	Synthesis of β Difluorinated Phosphonate pSer/pThr Mimetics via Rhodium-Catalyzed Asymmetric Hydrogenation of β Difluorophosphonomethyl β (Acylamino)acrylates. <i>Organic Letters</i> , 2018 , 20, 3278-3281	6.2	11
135	Phosphorylation at Ser as an Intrinsic Regulatory Switch to Regulate the Morphologies and Structures of Alzheimer's 40-residue β Amyloid (A β 0) Fibrils. <i>Journal of Biological Chemistry</i> , 2017 , 292, 2611-2623	5.4	19
134	Facile synthesis of Fmoc-protected phosphonate pSer mimetic and its application in assembling a substrate peptide of 14-3-3 \square . <i>Tetrahedron Letters</i> , 2017 , 58, 2551-2553	2	7
133	Semi-synthesis of murine prion protein by native chemical ligation and chemical activation for preparation of polypeptide- β thioester. <i>Journal of Peptide Science</i> , 2017 , 23, 438-444	2.1	6
132	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. <i>ACS Chemical Biology</i> , 2017 , 12, 1703-1710	4.9	28

131	Self-Assembled Nano-Immunostimulant for Synergistic Immune Activation. <i>ChemBioChem</i> , 2017 , 18, 1721-1729	3.8	11
130	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. <i>Pure and Applied Chemistry</i> , 2017 , 89, 931-939	2.1	16
129	Prophylactic Vaccine Based on Pyroglutamate-3 Amyloid β Generates Strong Antibody Response and Rescues Cognitive Decline in Alzheimer's Disease Model Mice. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 454-459	5.7	7
128	Selective inhibition of cancer cells by enzyme-induced gain of function of phosphorylated melittin analogues. <i>Chemical Science</i> , 2017 , 8, 7675-7681	9.4	9
127	Hydrophobic tagging-mediated degradation of Alzheimer's disease related Tau. <i>RSC Advances</i> , 2017 , 7, 40362-40366	3.7	24
126	Helices with Rational Residues Conduct Different Modulations towards A β Aggregation. <i>Chemistry Letters</i> , 2017 , 46, 979-982	1.7	2
125	Synthesis of an MUC1 Glycopeptide Dendrimer Based on β -Cyclodextrin by Click Chemistry. <i>Synlett</i> , 2017 , 28, 1961-1965	2.2	8
124	Chemical Methods to Knock Down the Amyloid Proteins. <i>Molecules</i> , 2017 , 22,	4.8	10
123	Phosphorylation induces distinct alpha-synuclein strain formation. <i>Scientific Reports</i> , 2016 , 6, 37130	4.9	57
122	Molecular Evidence of Glycosylation Effect on the Peptide Assemblies Identified with Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6577-6582	3.8	11
121	Lipid-enveloped zinc phosphate hybrid nanoparticles for codelivery of H-2K(b) and H-2D(b)-restricted antigenic peptides and monophosphoryl lipid A to induce antitumor immunity against melanoma. <i>Journal of Controlled Release</i> , 2016 , 228, 26-37	11.7	51
120	Phosphorylation regulates proteolytic efficiency of TEV protease detected by a 5(6)-carboxyfluorescein-pyrene based fluorescent sensor. <i>Talanta</i> , 2016 , 150, 340-5	6.2	3
119	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing R/S-configured Pam3 CysSerLys4. <i>ChemBioChem</i> , 2016 , 17, 1412-5	3.8	13
118	Dual-labeling of ubiquitin proteins by chemoselective reactions for sensing UCH-L3. <i>Molecular BioSystems</i> , 2016 , 12, 1764-7		1
117	Specific Knockdown of Endogenous Tau Protein by Peptide-Directed Ubiquitin-Proteasome Degradation. <i>Cell Chemical Biology</i> , 2016 , 23, 453-61	8.2	92
116	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. <i>Science China Chemistry</i> , 2015 , 58, 374-382	7.9	22
115	New progress in active immunotherapy targeting to amyloid beta. <i>Science China Chemistry</i> , 2015 , 58, 383-389	7.9	1
114	Glycopeptide Nanoconjugates Based on Multilayer Self-Assembly as an Antitumor Vaccine. <i>Bioconjugate Chemistry</i> , 2015 , 26, 1439-42	6.3	27

113	Rational design of an orthosteric regulator of hIAPP aggregation. <i>Chemical Communications</i> , 2015 , 51, 2095-8	5.8	11
112	A β 2 and A β 0: similarities and differences. <i>Journal of Peptide Science</i> , 2015 , 21, 522-9	2.1	71
111	Multivalente synthetische Glycopeptid-Lipopeptid-Antitumorvakzine: Auswirkung des Cluster-Effekts auf das Abtöten von Tumorzellen. <i>Angewandte Chemie</i> , 2014 , 126, 1725-1729	3.6	20
110	Strategy for Designing a Synthetic Tumor Vaccine: Multi-Component, Multivalency and Antigen Modification. <i>Vaccines</i> , 2014 , 2, 549-62	5.3	7
109	Covalent bond or noncovalent bond: a supramolecular strategy for the construction of chemically synthesized vaccines. <i>Chemistry - A European Journal</i> , 2014 , 20, 13541-6	4.8	19
108	Synthetic multivalent glycopeptide-lipopeptide antitumor vaccines: impact of the cluster effect on the killing of tumor cells. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1699-703	16.4	102
107	Clearance of the intracellular high level of the tau protein directed by an artificial synthetic hydrolase. <i>Molecular BioSystems</i> , 2014 , 10, 3081-5		8
106	Tau Protein Associated Inhibitors in Alzheimer Disease. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 964-968	4.9	4
105	Short Peptide Segment and Insulin Co-Assembly Forms Cytotoxic Oligomers. <i>International Journal of Peptide Research and Therapeutics</i> , 2013 , 19, 185-189	2.1	1
104	Characterizing the assembly behaviors of human amylin: a perspective derived from C-terminal variants. <i>Chemical Communications</i> , 2013 , 49, 1799-801	5.8	18
103	Fibrillar seeds alleviate amyloid- β cytotoxicity by omitting formation of higher-molecular-weight oligomers. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 439, 321-6	3.4	11
102	Addition of artificial salt bridge by Ile646Lys mutation in gp41 coiled-coil domain regulates 6-helical bundle formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2727-32	2.9	2
101	Fully synthetic self-adjuvanting thioether-conjugated glycopeptide-lipopeptide antitumor vaccines for the induction of complement-dependent cytotoxicity against tumor cells. <i>Chemistry - A European Journal</i> , 2013 , 19, 1962-70	4.8	77
100	Self-adjuvanting synthetic antitumor vaccines from MUC1 glycopeptides conjugated to T-cell epitopes from tetanus toxoid. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6106-10	16.4	96
99	MUC1-Glycopeptidkonjugate mit T-Zellepitopen von Tetanus-Toxoid als vollsynthetische Antitumor-Vakzine mit Eigenverstärkungseffekt. <i>Angewandte Chemie</i> , 2013 , 125, 6222-6226	3.6	20
98	An investigation into the formation of annular aggregates of human islet amyloid polypeptide on tantalum oxide surfaces. <i>Chemistry - A European Journal</i> , 2012 , 18, 2493-7	4.8	5
97	Variation of the glycosylation pattern in MUC1 glycopeptide BSA vaccines and its influence on the immune response. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1719-23	16.4	82
96	Exploring the binding mechanism of thioflavin-T to the β amyloid peptide by blind docking method. <i>Science China Chemistry</i> , 2012 , 55, 112-117	7.9	12

95	A multi-functional peptide as an HIV-1 entry inhibitor based on self-concentration, recognition, and covalent attachment. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6512-20	3.9	6
94	A totally synthetic, self-assembling, adjuvant-free MUC1 glycopeptide vaccine for cancer therapy. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8730-3	16.4	166
93	Antimicrobial activity of human islet amyloid polypeptides: an insight into amyloid peptidesU connection with antimicrobial peptides. <i>Biological Chemistry</i> , 2012 , 393, 641-6	4.5	20
92	A covalently reactive group-modified peptide that specifically reacts with lysine16 in amyloid β <i>Chemical Communications</i> , 2012 , 48, 10565-7	5.8	10
91	Co-assembly of human islet amyloid polypeptide (hIAPP)/insulin. <i>Chemical Communications</i> , 2012 , 48, 191-3	5.8	36
90	2D amyloid aggregation of human islet amyloid polypeptide at the solid-liquid interface. <i>Soft Matter</i> , 2012 , 8, 1616-1622	3.6	17
89	Variation des Glycosylierungsmusters von Vakzinen aus MUC1- Glycopeptiden und Rinderserumalbumin und der Einfluss auf die Immunreaktion. <i>Angewandte Chemie</i> , 2012 , 124, 1751-1755	3.6	12
88	Influence of hydrophobicity on the surface-catalyzed assembly of the islet amyloid polypeptide. <i>ACS Nano</i> , 2011 , 5, 2770-8	16.7	59
87	Synthesis of Tn/T Antigen MUC1 Glycopeptide BSA Conjugates and Their Evaluation as Vaccines. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 3685-3689	3.2	38
86	Towards a fully synthetic MUC1-based anticancer vaccine: efficient conjugation of glycopeptides with mono-, di-, and tetravalent lipopeptides using click chemistry. <i>Chemistry - A European Journal</i> , 2011 , 17, 6396-406	4.8	53
85	Copper inducing A β 2 rather than A β 0 nanoscale oligomer formation is the key process for A β neurotoxicity. <i>Nanoscale</i> , 2011 , 3, 4746-51	7.7	23
84	Mapping ApoE/A β binding regions to guide inhibitor discovery. <i>Molecular BioSystems</i> , 2011 , 7, 1693-700		22
83	Cyclen-hybrid compound captures copper to protect INS-1 cells from islet amyloid polypeptide cytotoxicity by inhibiting and lysing effects. <i>Chemical Communications</i> , 2010 , 46, 8023-5	5.8	17
82	Dual functions of beta-amyloid oligomer and fibril in Cu(II)-induced H ₂ O ₂ production. <i>Regulatory Peptides</i> , 2010 , 163, 1-6		21
81	Copper-induced cytotoxicity: reactive oxygen species or islet amyloid polypeptide oligomer formation. <i>Chemical Communications</i> , 2010 , 46, 6909-11	5.8	54
80	Vollsynthetische Vakzinen aus tumorassoziierten MUC1-Glycopeptiden und einem Lipopeptid-Liganden des Toll-like Rezeptors 2. <i>Angewandte Chemie</i> , 2010 , 122, 3772-3776	3.6	32
79	Fully synthetic vaccines consisting of tumor-associated MUC1 glycopeptides and a lipopeptide ligand of the Toll-like receptor 2. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3688-92	16.4	102
78	Insulin is a kinetic but not a thermodynamic inhibitor of amylin aggregation. <i>FEBS Journal</i> , 2009 , 276, 3365-71	5.7	24

77	Facile synthesis of cyclopeptide-centered multivalent glycoclusters with click chemistry and molecular recognition study by surface plasmon resonance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3775-8	2.9	15
76	Hybrid peptides attenuate cytotoxicity of beta-amyloid by inhibiting its oligomerization: implication from solvent effects. <i>Peptides</i> , 2009 , 30, 1282-7	3.8	9
75	Amyloid beta (1-42) folding multiplicity and single-molecule binding behavior studied with STM. <i>Journal of Molecular Biology</i> , 2009 , 388, 894-901	6.5	55
74	Prevention and promotion effects of apolipoprotein E4 on amylin aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 368, 414-8	3.4	9
73	TiO ₂ nanoparticles promote beta-amyloid fibrillation in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 373, 315-8	3.4	181
72	O-GlcNAcylation modulates the self-aggregation ability of the fourth microtubule-binding repeat of tau. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 375, 59-62	3.4	34
71	The Effects of Reversible Phosphorylation on Peptide and Protein Local Structure. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 249-252	1	
70	Sequestration of copper from beta-amyloid promotes selective lysis by cyclen-hybrid cleavage agents. <i>Journal of Biological Chemistry</i> , 2008 , 283, 31657-64	5.4	96
69	Protective role of 3-nitrotyrosine against gamma radiation-induced DNA strand breaks: A comparison study with tyrosine. <i>Radiation Physics and Chemistry</i> , 2008 , 77, 1290-1293	2.5	1
68	Facile synthesis of a pentasaccharide mimic of a fragment of the capsular polysaccharide of <i>Streptococcus pneumoniae</i> type 15C. <i>Carbohydrate Research</i> , 2008 , 343, 607-14	2.9	3
67	Hydroxylation of 3-nitrotyrosine by hydroxyl radical. <i>Chinese Chemical Letters</i> , 2007 , 18, 542-544	8.1	1
66	Phosphorylation modulates the local conformation and self-aggregation ability of a peptide from the fourth tau microtubule-binding repeat. <i>FEBS Journal</i> , 2007 , 274, 5012-20	5.7	18
65	Preliminary ESI-MS and MALDI-TOF Analysis on Phosphorylated Tetrapeptides with Xaa-Pro Motif. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 825-834	1	1
64	Tyrosine phosphorylation/dephosphorylation regulates peroxynitrite-mediated peptide nitration. <i>Regulatory Peptides</i> , 2007 , 144, 1-5		9
63	Copper (II) modulates in vitro aggregation of a tau peptide. <i>Peptides</i> , 2007 , 28, 2229-34	3.8	65
62	Hydrogen peroxide can be generated by tau in the presence of Cu(II). <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 661-5	3.4	50
61	Research progress in protein post-translational modification. <i>Science Bulletin</i> , 2006 , 51, 633-645		5
60	Influence of serine O-glycosylation or O-phosphorylation close to the vJun nuclear localisation sequence on nuclear import. <i>ChemBioChem</i> , 2006 , 7, 88-97	3.8	12

59	Characterization of copper binding to the peptide amyloid-beta(1-16) associated with Alzheimer's disease. <i>Biopolymers</i> , 2006 , 83, 20-31	2.2	79
58	Identification of radiation-induced cross-linking between thymine and tryptophan by electrospray ionization-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 1205-11	2.2	2
57	Novel acetylation-aided migrating rearrangement of uridine-diphosphate-N-acetylglucosamine in electrospray ionization multistage tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 208-15	2.2	7
56	Hydroxylation of 3-nitrotyrosine and its derivatives by gamma irradiation. <i>Radiation Research</i> , 2006 , 166, 639-45	3.1	4
55	The self-assembly ability of the first microtubule-binding repeat from tau and its modulation by phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 637-42	3.4	17
54	Copper binding properties of a tau peptide associated with Alzheimer's disease studied by CD, NMR, and MALDI-TOF MS. <i>Peptides</i> , 2006 , 27, 841-9	3.8	98
53	Studies on cleavage of DNA by N-phosphoryl branched peptides. <i>Peptides</i> , 2006 , 27, 1554-60	3.8	15
52	Alternative O-GlcNAcylation/O-phosphorylation of Ser16 induce different conformational disturbances to the N terminus of murine estrogen receptor beta. <i>Chemistry and Biology</i> , 2006 , 13, 937-44		72
51	Facile synthesis of Nε(benzyl, methyl)-lysine as a building block for site-specifically lysine monomethylated peptides. <i>Tetrahedron Letters</i> , 2006 , 47, 5997-5999	2	8
50	Synthesis of Site-Specifically Dimethylated and Trimethylated Peptides Derived from Histone H3 N-Terminal Tail. <i>International Journal of Peptide Research and Therapeutics</i> , 2006 , 12, 187-193	2.1	8
49	The Synthesis and Characterization of a Helical Miniature Protein Mimicking the OGT Active Domain. <i>International Journal of Peptide Research and Therapeutics</i> , 2006 , 12, 237-241	2.1	1
48	Experimental study on magnetic drug targeting in treating cholangiocarcinoma based on internal magnetic fields. <i>Chinese-German Journal of Clinical Oncology</i> , 2006 , 5, 336-338		11
47	Low-barrier hydrogen bond between phosphate and the amide group in phosphopeptide. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16350-1	16.4	37
46	Synthesis and conformational properties of phosphopeptides related to the human tau protein. <i>Regulatory Peptides</i> , 2005 , 130, 48-56		18
45	FTIR Studies on Langmuir-Blodgett Films of Novel Phosphorus Amphiphiles: Spontaneous Polycondensation at the Air/Water Interface. <i>Journal of Chemical Research</i> , 2005 , 2005, 385-387	0.6	
44	Characterization of electrospray ionization mass spectrometry for N-diisopropoxyphosphoryl dipeptide methyl esters. <i>European Journal of Mass Spectrometry</i> , 2005 , 11, 107-17	1.1	1
43	Condensation properties of vesicles formed from an amphiphilic N-phosphorylamino acid. <i>Journal of Colloid and Interface Science</i> , 2005 , 287, 307-11	9.3	5
42	A computational and experimental investigation of the interaction between the template molecule and the functional monomer used in the molecularly imprinted polymer. <i>Analytica Chimica Acta</i> , 2005 , 542, 186-192	6.6	114

41	Binding of copper (II) ion to an Alzheimer's tau peptide as revealed by MALDI-TOF MS, CD, and NMR. <i>Biopolymers</i> , 2005 , 79, 74-85	2.2	72
40	Effect of the Phosphate Group with Different Negative Charges on the Conformation of Phosphorylated Ser/Thr-Pro Motif. <i>International Journal of Peptide Research and Therapeutics</i> , 2005 , 11, 159-165	2.1	11
39	Analysis of the phosphoryl transfer mechanism of c-AMP dependent protein kinase (PKA) by penta-coordinate phosphoric transition state theory. <i>Current Protein and Peptide Science</i> , 2005 , 6, 437-42	2.8	6
38	N-phosphoryl amino acids and biomolecular origins. <i>Origins of Life and Evolution of Biospheres</i> , 2004 , 34, 455-64	1.5	31
37	A common intermediate for prebiotic synthesis of proteins and nucleosides: a density functional theory (DFT) study on the formation of penta-coordinate phosphorus carboxylic-phosphoric mixed anhydride from N-phosphoryl amino acids. <i>Computational and Theoretical Chemistry</i> , 2004 , 672, 51-60		13
36	Detection of specific noncovalent interaction of peptide with DNA by MALDI-TOF. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 28-31	3.5	25
35	Theoretical Study on the Rearrangement of EOH and EOH in ESI Mass Spectrometry by N-Phosphorylation. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 7686-7690	2.8	4
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