

Yan-Mei Li

List of Publications by Year in descending order

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181
papers

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citations

94269

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docs citations

192
times ranked

5398
citing authors

#	ARTICLE	IF	CITATIONS
1	TiO ₂ nanoparticles promote A β -amyloid fibrillation in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 315-318.	1.0	203
2	a Totally Synthetic, Self-Assembling, Adjuvant-Free MUC1 Glycopeptide Vaccine for Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2012, 134, 8730-8733.	6.6	192
3	Specific Knockdown of Endogenous Tau Protein by Peptide-Directed Ubiquitin-Proteasome Degradation. <i>Cell Chemical Biology</i> , 2016, 23, 453-461.	2.5	147
4	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.	2.6	138
5	A β ₄₂ and A β ₄₀ : similarities and differences. <i>Journal of Peptide Science</i> , 2015, 21, 522-529.	0.8	124
6	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, 1699-1703.	7.2	117
7	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, 3688-3692.	7.2	114
8	Parkinson's disease-related phosphorylation at Tyr39 rearranges A 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.	3.3	113
9	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, 841-849.	1.2	112
10	Self-Adjuvanting Synthetic Antitumor Vaccines from MUC1 Glycopeptides Conjugated to T Cell Epitopes from Tetanus Toxoid. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6106-6110.	7.2	112
11	Sequestration of Copper from A β -Amyloid Promotes Selective Lysis by Cyclen-Hybrid Cleavage Agents. <i>Journal of Biological Chemistry</i> , 2008, 283, 31657-31664.	1.6	109
12	Chemical Strategies to Boost Cancer Vaccines. <i>Chemical Reviews</i> , 2020, 120, 11420-11478.	23.0	95
13	Designable Immune Therapeutic Vaccine System Based on DNA Supramolecular Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9310-9314.	4.0	91
14	Agonists and inhibitors of the STING pathway: Potential agents for immunotherapy. <i>Medicinal Research Reviews</i> , 2020, 40, 1117-1141.	5.0	90
15	Characterization of copper binding to the peptide amyloid-A β (1-16) associated with Alzheimer's disease. <i>Biopolymers</i> , 2006, 83, 20-31.	1.2	89
16	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, 1719-1723.	7.2	88
17	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, 1962-1970.	1.7	86
18	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.	1.2	84

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19	Copper (II) modulates in vitro aggregation of a tau peptide. <i>Peptides</i> , 2007, 28, 2229-2234.	1.2	80
20	Phosphorylation induces distinct alpha-synuclein strain formation. <i>Scientific Reports</i> , 2016, 6, 37130.	1.6	79
21	Alternative O-GlcNAcylation/O-Phosphorylation of Ser16 Induce Different Conformational Disturbances to the N Terminus of Murine Estrogen Receptor β . <i>Chemistry and Biology</i> , 2006, 13, 937-944.	6.2	74
22	Hydrogen peroxide can be generated by tau in the presence of Cu(II). <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 661-665.	1.0	68
23	Influence of Hydrophobicity on the Surface-Catalyzed Assembly of the Islet Amyloid Polypeptide. <i>ACS Nano</i> , 2011, 5, 2770-2778.	7.3	68
24	Lipid-enveloped zinc phosphate hybrid nanoparticles for codelivery of H-2Kb and H-2Db-restricted antigenic peptides and monophosphoryl lipid A to induce antitumor immunity against melanoma. <i>Journal of Controlled Release</i> , 2016, 228, 26-37.	4.8	68
25	Copper-induced cytotoxicity: reactive oxygen species or islet amyloid polypeptide oligomer formation. <i>Chemical Communications</i> , 2010, 46, 6909.	2.2	63
26	Mechanistic basis for receptor-mediated pathological β -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, .	3.3	59
27	Amyloid β (1-42) Folding Multiplicity and Single-Molecule Binding Behavior Studied with STM. <i>Journal of Molecular Biology</i> , 2009, 388, 894-901.	2.0	58
28	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, 6396-6406.	1.7	56
29	Regulation of liquid-liquid phase separation with focus on post-translational modifications. <i>Chemical Communications</i> , 2021, 57, 13275-13287.	2.2	49
30	Phosphoryl group participation leads to peptide formation from <i>N</i> -phosphorylamino acids. <i>International Journal of Peptide and Protein Research</i> , 1992, 39, 375-381.	0.1	47
31	Co-assembly of human islet amyloid polypeptide (hIAPP)/insulin. <i>Chemical Communications</i> , 2012, 48, 191-193.	2.2	46
32	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.	1.2	45
33	Targeting STING with cyclic di-GMP greatly augmented immune responses of glycopeptide cancer vaccines. <i>Chemical Communications</i> , 2018, 54, 9655-9658.	2.2	43
34	Low-Barrier Hydrogen Bond between Phosphate and the Amide Group in Phosphopeptide. <i>Journal of the American Chemical Society</i> , 2005, 127, 16350-16351.	6.6	42
35	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.	1.6	42
36	Self-activation of <i>N</i> -phosphoamino acids and <i>N</i> -phosphodipeptides in oligopeptide formation. <i>International Journal of Peptide and Protein Research</i> , 1995, 45, 514-518.	0.1	40

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37	Hydrophobic tagging-mediated degradation of Alzheimer's disease related Tau. RSC Advances, 2017, 7, 40362-40366.	1.7	40
38	Black phosphorous nanosheet: A novel immune-potentiating nanoadjuvant for near-infrared-improved immunotherapy. Biomaterials, 2021, 273, 120788.	5.7	40
39	O-GlcNAcylation modulates the self-aggregation ability of the fourth microtubule-binding repeat of tau. Biochemical and Biophysical Research Communications, 2008, 375, 59-62.	1.0	38
40	A novel STING agonist for cancer immunotherapy and a SARS-CoV-2 vaccine adjuvant. Chemical Communications, 2021, 57, 504-507.	2.2	36
41	Antimicrobial activity of human islet amyloid polypeptides: an insight into amyloid peptides' connection with antimicrobial peptides. Biological Chemistry, 2012, 393, 641-646.	1.2	35
42	Phosphorylation Weakens but Does Not Inhibit Membrane Binding and Clustering of K-Ras4B. ACS Chemical Biology, 2017, 12, 1703-1710.	1.6	33
43	Urea-Functionalized Poly(ionic liquid) Photonic Spheres for Visual Identification of Explosives with a Smartphone. ACS Applied Materials & Interfaces, 2019, 11, 21078-21085.	4.0	33
44	$\hat{\Gamma}^2$ -carboxyl catalytic effect of N-phosphoryl aspartic acid. Bioorganic Chemistry, 1992, 20, 285-295.	2.0	32
45	N-Phosphoryl Amino Acids and Biomolecular Origins. Review Paper in Honor of the 50th Anniversary of the Publication of "A Production of Amino Acids under Possible Primitive Earth Conditions" (Miller, 1953). Origins of Life and Evolution of Biospheres, 2004, 34, 455-464.	0.8	32
46	Colorimetric determination of ascorbic acid using a polyallylamine-stabilized IrO ₂ /graphene oxide nanozyme as a peroxidase mimic. Mikrochimica Acta, 2020, 187, 110.	2.5	32
47	Chemical modifications of tryptophan residues in peptides and proteins. Journal of Peptide Science, 2021, 27, e3286.	0.8	32
48	Glycopeptide Nanoconjugates Based on Multilayer Self-Assembly as an Antitumor Vaccine. Bioconjugate Chemistry, 2015, 26, 1439-1442.	1.8	31
49	TDP-43 specific reduction induced by Di-hydrophobic tags conjugated peptides. Bioorganic Chemistry, 2019, 84, 254-259.	2.0	31
50	Copper inducing $\hat{\Gamma}^2$ 42 rather than $\hat{\Gamma}^2$ 40 nanoscale oligomer formation is the key process for $\hat{\Gamma}^2$ neurotoxicity. Nanoscale, 2011, 3, 4746.	2.8	30
51	Phosphorylation at Ser8 as an Intrinsic Regulatory Switch to Regulate the Morphologies and Structures of Alzheimer's 40-residue $\hat{\Gamma}^2$ -Amyloid ($\hat{\Gamma}^2$ 40) Fibrils. Journal of Biological Chemistry, 2017, 292, 2611-2623.	1.6	29
52	Insulin is a kinetic but not a thermodynamic inhibitor of amylin aggregation. FEBS Journal, 2009, 276, 3365-3371.	2.2	28
53	Emerging Adjuvants for Cancer Immunotherapy. Frontiers in Chemistry, 2020, 8, 601.	1.8	28
54	A chitosan-mediated inhalable nanovaccine against SARS-CoV-2. Nano Research, 2022, 15, 4191-4200.	5.8	28

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55	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.	1.2	27
56	Mapping ApoE/A β binding regions to guide inhibitor discovery. <i>Molecular BioSystems</i> , 2011, 7, 1693.	2.9	27
57	N-phosphoryl amino acid models for P-N bonds in prebiotic chemical evolution. <i>Science China Chemistry</i> , 2015, 58, 374-382.	4.2	26
58	Activity Difference between β -COOH and γ -COOH in N-Phosphorylaspartic Acids. <i>Journal of Organic Chemistry</i> , 2003, 68, 4052-4058.	1.7	25
59	Fully Synthetic Invariant NKT Cell-Dependent Self-Adjuvanting Antitumor Vaccines Eliciting Potent Immune Response in Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 417-425.	2.3	24
60	Dual functions of β -amyloid oligomer and fibril in Cu(II)-induced H ₂ O ₂ production. <i>Regulatory Peptides</i> , 2010, 163, 1-6.	1.9	22
61	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, 5012-5020.	2.2	21
62	Chitosan nanoparticles based nanovaccines for cancer immunotherapy. <i>Pure and Applied Chemistry</i> , 2017, 89, 931-939.	0.9	21
63	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.	1.7	21
64	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.	2.2	20
65	Characterizing the assembly behaviors of human amylin: a perspective derived from C-terminal variants. <i>Chemical Communications</i> , 2013, 49, 1799-1801.	2.2	20
66	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, 637-642.	1.0	19
67	2D amyloid aggregation of human islet amyloid polypeptide at the solid-liquid interface. <i>Soft Matter</i> , 2012, 8, 1616-1622.	1.2	19
68	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.	4.2	19
69	Covalent Bond or Noncovalent Bond: A Supramolecular Strategy for the Construction of Chemically Synthesized Vaccines. <i>Chemistry - A European Journal</i> , 2014, 20, 13541-13546.	1.7	19
70	Differential Modulation of the Aggregation of N-Terminal Truncated A β using Cucurbiturils. <i>Chemistry - A European Journal</i> , 2018, 24, 13647-13653.	1.7	19
71	Synthesis and conformational properties of phosphopeptides related to the human tau protein. <i>Regulatory Peptides</i> , 2005, 130, 48-56.	1.9	18
72	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, 3775-3778.	1.0	17

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73	Black Phosphorus Nanomaterials Regulate the Aggregation of Amyloid β . <i>ChemNanoMat</i> , 2019, 5, 606-611.	1.5	17
74	Synthesis of β , 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.	2.4	16
75	Capturing protein droplets: label-free visualization and detection of protein liquid \rightarrow liquid phase separation with an aggregation-induced emission fluorogen. <i>Chemical Communications</i> , 2021, 57, 3805-3808.	2.2	16
76	Studies on cleavage of DNA by N-phosphoryl branched peptides. <i>Peptides</i> , 2006, 27, 1554-1560.	1.2	15
77	Facile synthesis of Fmoc-protected phosphonate pSer mimetic and its application in assembling a substrate peptide of 14-3-3 β . <i>Tetrahedron Letters</i> , 2017, 58, 2551-2553.	0.7	15
78	Self-Assembled Nano \rightarrow Immunostimulant for Synergistic Immune Activation. <i>ChemBioChem</i> , 2017, 18, 1721-1729.	1.3	15
79	Penta-coordinate phosphorous compounds and biochemistry. <i>Science in China Series B: Chemistry</i> , 2002, 45, 337-348.	0.8	14
80	Negative-ion electrospray ionization tandem mass spectrometry of N-phosphoryl amino acids and dipeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 790-796.	0.7	14
81	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.	0.9	14
82	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.	0.1	14
83	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.	1.3	14
84	Prevention and promotion effects of apolipoprotein E4 on amylin aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 414-418.	1.0	14
85	Rational design of an orthosteric regulator of hIAPP aggregation. <i>Chemical Communications</i> , 2015, 51, 2095-2098.	2.2	14
86	Selective inhibition of cancer cells by enzyme-induced gain of function of phosphorylated melittin analogues. <i>Chemical Science</i> , 2017, 8, 7675-7681.	3.7	14
87	Pam ₃ CSK ₄ -CDG ^{SF} Augments Antitumor Immunotherapy by Synergistically Activating TLR1/2 and STING. <i>Bioconjugate Chemistry</i> , 2020, 31, 2499-2503.	1.8	14
88	Peptides for disrupting and degrading amyloids. <i>Current Opinion in Chemical Biology</i> , 2021, 64, 124-130.	2.8	14
89	Modulating the aggregation of amyloid proteins by macrocycles. <i>Aggregate</i> , 2022, 3, .	5.2	14
90	THE BIOORGANIC CHEMICAL REACTIONS OF <i>N</i> -PHOSPHOAMINO ACIDS WITHOUT SIDE CHAIN FUNCTIONAL GROUP PARTICIPATED BY PHOSPHORYL GROUP. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 78, 15-21.	0.8	13

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91	Novel phosphoryl derivatization method for peptide sequencing by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 531-536.	0.7	13
92	A common intermediate for prebiotic synthesis of proteins and nucleosides: a density functional theory (DFT) study on the formation of penta-coordinate phosphorus carboxylic acid phosphoric mixed anhydride from N-phosphoryl amino acids. <i>Computational and Theoretical Chemistry</i> , 2004, 672, 51-60.	1.5	13
93	Fibrillar seeds alleviate amyloid- β^2 cytotoxicity by omitting formation of higher-molecular-weight oligomers. <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 321-326.	1.0	13
94	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing ϵ -configured Pam ₃ CysSerLys ₄ . <i>ChemBioChem</i> , 2016, 17, 1412-1415.	1.3	13
95	<i>De Novo</i> Design To Synthesize Lanthipeptides Involving Cascade Cysteine Reactions: SapB Synthesis as an Example. <i>Journal of Organic Chemistry</i> , 2018, 83, 7528-7533.	1.7	13
96	Tryptophan-glucosamine conjugates modulate tau-derived PHF6 aggregation at low concentrations. <i>Chemical Communications</i> , 2019, 55, 14621-14624.	2.2	13
97	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.	2.2	13
98	A host-guest ATP responsive strategy for intracellular delivery of phosphopeptides. <i>Chemical Communications</i> , 2020, 56, 5512-5515.	2.2	13
99	STING and TLR7/8 agonists-based nanovaccines for synergistic antitumor immune activation. <i>Nano Research</i> , 2022, 15, 6328-6339.	5.8	13
100	The use of crude lipase in deprotection of C-terminal protecting groups. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 18, 243-249.	1.8	12
101	Research progress in protein post-translational modification. <i>Science Bulletin</i> , 2006, 51, 633-645.	1.7	12
102	Tyrosine phosphorylation/dephosphorylation regulates peroxynitrite-mediated peptide nitration. <i>Regulatory Peptides</i> , 2007, 144, 1-5.	1.9	12
103	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.	1.5	12
104	Late-stage peptide and protein modifications through phospho-Michael addition reaction. <i>Chemical Communications</i> , 2020, 56, 12632-12635.	2.2	12
105	Rational Design of a Cocktail of Inhibitors against $A\beta^2$ Aggregation. <i>Chemistry - A European Journal</i> , 2020, 26, 3499-3503.	1.7	12
106	Differentiation of β -COOH from α -COOH in aspartic acids by N-phosphorylation. <i>International Journal of Quantum Chemistry</i> , 2001, 83, 41-51.	1.0	11
107	Stereoselective synthesis of a phosphonate pThr mimetic <i>via</i> palladium-catalyzed ^{13}C - α - ^1H activation for peptide preparation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2099-2102.	1.5	11
108	Phosphoryl group differentiating β -amino acids from α - and γ -amino acids in prebiotic peptide formation. <i>International Journal of Quantum Chemistry</i> , 2003, 94, 232-241.	1.0	10

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109	Hybrid peptides attenuate cytotoxicity of A β -amyloid by inhibiting its oligomerization: Implication from solvent effects. <i>Peptides</i> , 2009, 30, 1282-1287.	1.2	10
110	A covalently reactive group-modified peptide that specifically reacts with lysine16 in amyloid A β . <i>Chemical Communications</i> , 2012, 48, 10565.	2.2	10
111	Clearance of the intracellular high level of the Tau protein directed by an artificial synthetic hydrolase. <i>Molecular BioSystems</i> , 2014, 10, 3081-3085.	2.9	10
112	Chemical Methods to Knock Down the Amyloid Proteins. <i>Molecules</i> , 2017, 22, 916.	1.7	10
113	The TrkB β 1 receptor mediates BDNF-induced migration of aged cardiac microvascular endothelial cells by recruiting Willin. <i>Aging Cell</i> , 2019, 18, e12881.	3.0	10
114	Regulation of Immune Activation by Optical Control of TLR1/2 Heterodimerization. <i>ChemBioChem</i> , 2020, 21, 1150-1154.	1.3	10
115	Activities of A β -COOH vs A β -COOH in N-Phosphoryl Amino Acids: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2002, 106, 11565-11569.	1.1	9
116	Synthesis and matrix assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry study of phosphopeptide. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 57-62.	0.1	9
117	Synthesis of an MUC1 Glycopeptide Dendrimer Based on A β -Cyclodextrin by Click Chemistry. <i>Synlett</i> , 2017, 28, 1961-1965.	1.0	9
118	Inhibitory Effects of Sulfated Polysaccharides from the Sea Cucumber <i>Cucumaria frondosa</i> against A β 40 Aggregation and Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1854-1859.	1.7	9
119	Direct phosphorylation of nucleosides by oxyphosphorane. <i>Tetrahedron Letters</i> , 1997, 38, 1615-1618.	0.7	8
120	Facile synthesis of N ϵ -(benzyl, methyl)-lysine as a building block for site-specifically lysine monomethylated peptides. <i>Tetrahedron Letters</i> , 2006, 47, 5997-5999.	0.7	8
121	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.	0.9	8
122	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, 208-215.	0.7	8
123	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.	1.5	8
124	Strategy for Designing a Synthetic Tumor Vaccine: Multi-Component, Multivalency and Antigen Modification. <i>Vaccines</i> , 2014, 2, 549-562.	2.1	8
125	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.	0.8	8
126	Prophylactic Vaccine Based on Pyroglutamate-3 Amyloid A β Generates Strong Antibody Response and Rescues Cognitive Decline in Alzheimer's Disease Model Mice. <i>ACS Chemical Neuroscience</i> , 2017, 8, 454-459.	1.7	8

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127	Synthesis of Ras proteins and their application in biofunctional studies. Chinese Chemical Letters, 2018, 29, 1043-1050.	4.8	8
128	Contemporary Approaches to $\hat{1}\pm, \hat{1}^2$ -Dehydroamino Acid Chemical Modifications. Chemical Research in Chinese Universities, 2021, 37, 1044.	1.3	7
129	Effects of N-phosphorylated amino acids on membrane phospholipid of human erythrocytes. Journal of Biological Physics, 1993, 19, 85-94.	0.7	6
130	THE STUDY OF PHOSPHORAMIDITE AS O-PHOSPHITYLATION AGENT AND ITS REACTIVITY. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 164, 277-291.	0.8	6
131	Differentiation of $\hat{1}\pm$ -COOH from $\hat{1}^3$ -COOH in glutamic acid by N-phosphorylation. Computational and Theoretical Chemistry, 2001, 574, 163-175.	1.5	6
132	Analysis of the Phosphoryl Transfer Mechanism of c-AMP dependent Protein Kinase (PKA) by Penta-Coordinate Phosphoric Transition State Theory. Current Protein and Peptide Science, 2005, 6, 437-442.	0.7	6
133	An Investigation into the Formation of Annular Aggregates of Human Islet Amyloid Polypeptide on Tantalum Oxide Surfaces. Chemistry - A European Journal, 2012, 18, 2493-2497.	1.7	6
134	Tau Protein Associated Inhibitors in Alzheimer Disease. Chinese Journal of Chemistry, 2014, 32, 964-968.	2.6	6
135	Inhibition of K-Ras4B-plasma membrane association with a membrane microdomain-targeting peptide. Chemical Science, 2020, 11, 826-832.	3.7	6
136	Synthesis of N-Phosphoamino Acids with Long Dialkoxy Chains. Journal of Chemical Research Synopses, 1999, , 589-589.	0.3	5
137	Theoretical Study on the Rearrangement of $\hat{1}^2$ -OH and $\hat{1}^3$ -OH in ESI Mass Spectrometry by N-Phosphorylation. Journal of Physical Chemistry A, 2004, 108, 7686-7690.	1.1	5
138	Condensation properties of vesicles formed from an amphiphilic N-phosphorylamino acid. Journal of Colloid and Interface Science, 2005, 287, 307-311.	5.0	5
139	Evolutionary relationships between seryl-histidine dipeptide and modern serine proteases from the analysis based on mass spectrometry and bioinformatics. Amino Acids, 2018, 50, 69-77.	1.2	5
140	Supramolecular tandem assay for tyrosinase based on cucurbit[8]uril induced peptide inclusion. Dyes and Pigments, 2021, 195, 109734.	2.0	5
141	Identification of radiation-induced cross-linking between thymine and tryptophan by electrospray ionization-mass spectrometry. Journal of Mass Spectrometry, 2006, 41, 1205-1211.	0.7	4
142	Hydroxylation of 3-Nitrotyrosine and Its Derivatives by Gamma Irradiation. Radiation Research, 2006, 166, 639-645.	0.7	4
143	Facile synthesis of a pentasaccharide mimic of a fragment of the capsular polysaccharide of Streptococcus pneumoniae type 15C. Carbohydrate Research, 2008, 343, 607-614.	1.1	4
144	Cucurbit[8]uril facilitated Michael addition for regioselective cysteine modification. Chemical Communications, 2021, 57, 6086-6089.	2.2	4

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145	An Effective Cooling Device for Minimal-Incision Kidney Transplantation. <i>Annals of Transplantation</i> , 2020, 25, e928773.	0.5	4
146	FORMATION OF OLIGOPEPTIDES FROM N-PHOSPHOAMINO ACID BY INFRARED RADIATION. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 163, 203-210.	0.8	3
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