

# Shih-Hsiung Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3108861/publications.pdf>

Version: 2024-02-01

128  
papers

3,019  
citations

147566

31  
h-index

214527

47  
g-index

135  
all docs

135  
docs citations

135  
times ranked

4255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and DNA-binding studies on the bovine antimicrobial peptide, indolicidin: evidence for multiple conformations involved in binding to membranes and DNA. <i>Nucleic Acids Research</i> , 2005, 33, 4053-4064.	6.5	255
2	The Flexible and Clustered Lysine Residues of Human Ribonuclease 7 Are Critical for Membrane Permeability and Antimicrobial Activity. <i>Journal of Biological Chemistry</i> , 2007, 282, 4626-4633.	1.6	112
3	Phosphoproteomics of <i>Klebsiella pneumoniae</i> NTUH-K2044 Reveals a Tight Link between Tyrosine Phosphorylation and Virulence. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2613-2623.	2.5	102
4	Antroquinonol mitigates an accelerated and progressive IgA nephropathy model in mice by activating the Nrf2 pathway and inhibiting T cells and NLRP3 inflammasome. <i>Free Radical Biology and Medicine</i> , 2013, 61, 285-297.	1.3	69
5	Cytotoxic Polyketides Containing Tetramic Acid Moieties Isolated from the Fungus <i>Myceliophthora thermophila</i> : Elucidation of the Relationship between Cytotoxicity and Stereoconfiguration. <i>Chemistry - A European Journal</i> , 2007, 13, 6985-6991.	1.7	64
6	Lipopolysaccharide O1 Antigen Contributes to the Virulence in <i>Klebsiella pneumoniae</i> Causing Pyogenic Liver Abscess. <i>PLoS ONE</i> , 2012, 7, e33155.	1.1	64
7	Functional Domains of <i>Brevibacillus thermoruber</i> Lon Protease for Oligomerization and DNA Binding. <i>Journal of Biological Chemistry</i> , 2004, 279, 34903-34912.	1.6	62
8	Structure and Immunological Characterization of the Capsular Polysaccharide of a Pyrogenic Liver Abscess Caused by <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 21041-21051.	1.6	62
9	Synthesis and Biological Evaluation of Polyenylpyrrole Derivatives as Anticancer Agents Acting through Caspases-Dependent Apoptosis. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7967-7978.	2.9	59
10	Ergosterol peroxide from marine fungus <i>Phoma</i> sp. induces ROS-dependent apoptosis and autophagy in human lung adenocarcinoma cells. <i>Scientific Reports</i> , 2018, 8, 17956.	1.6	57
11	Synthesis of Fucopeptides as Sialyl Lewisx Mimetics. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 88-90.	4.4	55
12	Osthole improves an accelerated focal segmental glomerulosclerosis model in the early stage by activating the Nrf2 antioxidant pathway and subsequently inhibiting NF- $\kappa$ B-mediated COX-2 expression and apoptosis. <i>Free Radical Biology and Medicine</i> , 2014, 73, 260-269.	1.3	55
13	A Multivalent Marine Lectin from <i>Crenomytilus grayanus</i> Possesses Anti-cancer Activity through Recognizing Globotriose Gb3. <i>Journal of the American Chemical Society</i> , 2016, 138, 4787-4795.	6.6	51
14	Mono-tetrahydrofuran Annonaceous Acetogenins from <i>Annona squamosa</i> as Cytotoxic Agents and Calcium Ion Chelators. <i>Journal of Natural Products</i> , 2008, 71, 764-771.	1.5	49
15	Structural basis for fragmenting the exopolysaccharide of <i>Acinetobacter baumannii</i> by bacteriophage $\phi$ AB6 tailspike protein. <i>Scientific Reports</i> , 2017, 7, 42711.	1.6	49
16	Thermodynamic characterization of specific interactions between the human Lon protease and G-quartet DNA. <i>Nucleic Acids Research</i> , 2007, 36, 1273-1287.	6.5	45
17	Synthesis of a Sialic Acid Dimer Derivative, 2- <i>O</i> -Benzyl Neu5Ac-(2 $\rightarrow$ 5)Neu5Gc. <i>Journal of Organic Chemistry</i> , 2002, 67, 1376-1379.	1.7	44
18	Structural elucidation of phosphoglycolipids from strains of the bacterial thermophiles <i>Thermus</i> and <i>Meiothermus</i> . <i>Journal of Lipid Research</i> , 2006, 47, 1823-1832.	2.0	43

#	ARTICLE	IF	CITATIONS
19	Discovery of New Natural Products by Intact Cell Mass Spectrometry and LC-ESI-NMR: Malbranpyrroles, Novel Polyketides from Thermophilic Fungus <i>Malbranchea sulfurea</i> . <i>Chemistry - A European Journal</i> , 2009, 15, 11573-11580.	1.7	43
20	Humoral Immunity against Capsule Polysaccharide Protects the Host from <i>Magnaporthe oryzae</i> -Induced Lethal Disease by Evading Toll-Like Receptor 4 Signaling. <i>Infection and Immunity</i> , 2009, 77, 615-621.	1.0	40
21	The discovery of novel heat-stable keratinases from <i>Meiothermus taiwanensis</i> WR-220 and other extremophiles. <i>Scientific Reports</i> , 2017, 7, 4658.	1.6	39
22	Polysaccharides from <i>Dioscorea batatas</i> Induce Tumor Necrosis Factor- $\alpha$ Secretion via Toll-like Receptor 4-Mediated Protein Kinase Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9892-9898.	2.4	37
23	Phosphoproteomic Analysis of <i>Rhodospseudomonas palustris</i> Reveals the Role of Pyruvate Phosphate Dikinase Phosphorylation in Lipid Production. <i>Journal of Proteome Research</i> , 2012, 11, 5362-5375.	1.8	37
24	Betulinic acid exerts anti-hepatitis C virus activity via the suppression of NF- $\kappa$ B and MAPK/ERK1/2-mediated COX-2 expression. <i>British Journal of Pharmacology</i> , 2015, 172, 4481-4492.	2.7	37
25	Structural Insights into the Allosteric Operation of the Lon AAA+ Protease. <i>Structure</i> , 2016, 24, 667-675.	1.6	37
26	Comparative Phosphoproteomics Reveals the Role of AmpC $\beta$ -lactamase Phosphorylation in the Clinical Imipenem-resistant Strain <i>Acinetobacter baumannii</i> SK17. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 12-25.	2.5	37
27	High-Performance Capillary Electrophoretic Characterization of Different Types of Oligo- and Polysialic Acid Chains. <i>Analytical Biochemistry</i> , 1998, 260, 154-159.	1.1	36
28	A medically relevant capsular polysaccharide in <i>Acinetobacter baumannii</i> is a potential vaccine candidate. <i>Vaccine</i> , 2017, 35, 1440-1447.	1.7	36
29	D-galactan II is an immunodominant antigen in O1 lipopolysaccharide and affects virulence in <i>Klebsiella pneumoniae</i> : implication in vaccine design. <i>Frontiers in Microbiology</i> , 2014, 5, 608.	1.5	35
30	Design of a Mechanism-Based Probe for Neuraminidase To Capture Influenza Viruses. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6888-6892.	7.2	34
31	Pseudaminic Acid on Exopolysaccharide of <i>Acinetobacter baumannii</i> Plays a Critical Role in Phage-Assisted Preparation of Glycoconjugate Vaccine with High Antigenicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8639-8643.	6.6	34
32	Study of Structure-Activity Correlation in Destruxins, a Class of Cyclodepsipeptides Possessing Suppressive Effect on the Generation of Hepatitis B Virus Surface Antigen in Human Hepatoma Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 65-72.	1.0	33
33	New Meroterpenoids from <i>Aspergillus terreus</i> with Inhibition of Cyclooxygenase-2 Expression. <i>Organic Letters</i> , 2015, 17, 2330-2333.	2.4	33
34	Structural Basis for the Magnesium-Dependent Activation and Hexamerization of the Lon AAA+ Protease. <i>Structure</i> , 2016, 24, 676-686.	1.6	33
35	Solution Structure of the Cytotoxic RNase 4 from Oocytes of Bullfrog <i>Rana catesbeiana</i> . <i>Journal of Molecular Biology</i> , 2003, 326, 1189-1201.	2.0	32
36	Development of an Activity-Based Probe for Steroid Sulfatases. <i>ChemBioChem</i> , 2007, 8, 2187-2190.	1.3	32

#	ARTICLE	IF	CITATIONS
37	Capsular Polysaccharide Is Involved in NLRP3 Inflammasome Activation by <i>Klebsiella pneumoniae</i> Serotype K1. <i>Infection and Immunity</i> , 2015, 83, 3396-3409.	1.0	32
38	Carboxylic and <i>O</i> -acetyl moieties are essential for the immunostimulatory activity of glucuronoxylomannan: a novel TLR4 specific immunostimulator from <i>Auricularia auricula-judae</i> . <i>Chemical Communications</i> , 2018, 54, 6995-6998.	2.2	31
39	Biofilm formation is not associated with worse outcome in <i>Acinetobacter baumannii</i> bacteraemic pneumonia. <i>Scientific Reports</i> , 2018, 8, 7289.	1.6	30
40	Polyenylpyrrole Derivatives Inhibit NLRP3 Inflammasome Activation and Inflammatory Mediator Expression by Reducing Reactive Oxygen Species Production and Mitogen-Activated Protein Kinase Activation. <i>PLoS ONE</i> , 2013, 8, e76754.	1.1	28
41	Purification, characterization and molecular cloning of trichoanguin, a novel type I ribosome-inactivating protein from the seeds of <i>Trichosanthes anguina</i> . <i>Biochemical Journal</i> , 1999, 338, 211-219.	1.7	27
42	Structural determination of the polar glyco-glycerolipids from thermophilic bacteria <i>Meiothermus taiwanensis</i> . <i>FEBS Journal</i> , 2004, 271, 4545-4551.	0.2	27
43	Identification of a capsular variant and characterization of capsular acetylation in <i>Klebsiella pneumoniae</i> PLA-associated type K57. <i>Scientific Reports</i> , 2016, 6, 31946.	1.6	26
44	Sinularin induces oxidative stress-mediated G2/M arrest and apoptosis in oral cancer cells. <i>Environmental Toxicology</i> , 2017, 32, 2124-2132.	2.1	26
45	A GalNAc/Gal-specific lectin from the sea mussel <i>Crenomytilus grayanus</i> modulates immune response in macrophages and in mice. <i>Scientific Reports</i> , 2017, 7, 6315.	1.6	26
46	Generation of Reactive Oxygen Species by Polyenylpyrroles Derivatives Causes DNA Damage Leading to G2/M Arrest and Apoptosis in Human Oral Squamous Cell Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e67603.	1.1	25
47	Diastereoselective hydrolysis of peptide esters by alkaline protease Preparation of racemization-free peptides. <i>International Journal of Peptide and Protein Research</i> , 1991, 37, 347-350.	0.1	24
48	Sinuleptolide inhibits proliferation of oral cancer Ca9-22 cells involving apoptosis, oxidative stress, and DNA damage. <i>Archives of Oral Biology</i> , 2016, 66, 147-154.	0.8	24
49	The Novel Desmethyldestruxin B2, from <i>Metarhizium anisopliae</i> , That Suppresses Hepatitis B Virus Surface Antigen Production in Human Hepatoma Cells. <i>Journal of Natural Products</i> , 1995, 58, 527-531.	1.5	23
50	<i>Antrodia cinnamomea</i> Galactomannan Elicits Immuno-stimulatory Activity Through Toll-like Receptor 4. <i>International Journal of Biological Sciences</i> , 2018, 14, 1378-1388.	2.6	22
51	The Studies of Microwave Effects on the Chemical Reactions. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 169-182.	0.8	21
52	Identification of a gene encoding Lon protease from <i>Brevibacillus thermoruber</i> WR-249 and biochemical characterization of its thermostable recombinant enzyme. <i>FEBS Journal</i> , 2004, 271, 834-844.	0.2	21
53	Phosphoproteomic Analysis Reveals the Effects of PilF Phosphorylation on Type IV Pilus and Biofilm Formation in <i>Thermus thermophilus</i> HB27. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2701-2713.	2.5	20
54	Characterization of <i>Meiothermus taiwanensis</i> Galactokinase and its Use in the One-Pot Enzymatic Synthesis of Uridine Diphosphate-Galactose and the Chemoenzymatic Synthesis of the Carbohydrate Antigen Stage Specific Embryonic Antigen-3. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3199-3213.	2.1	20

#	ARTICLE	IF	CITATIONS
55	Chemical mechanism of the endogenous argininosuccinate lyase activity of duck lens $\beta$ 2-crystallin. <i>Biochemical Journal</i> , 1998, 333, 327-334.	1.7	19
56	Synthesis of $\beta$ -(2 $\rightarrow$ 5)Neu5Gc Oligomers. <i>Chemistry - A European Journal</i> , 2003, 9, 1085-1095.	1.7	19
57	Industrial Protease $\alpha$ -Alcalase $\alpha$ as a Catalyst in Organic Synthesis: Resolution of Natural and Unnatural Amino Acids. <i>Journal of the Chinese Chemical Society</i> , 1992, 39, 91-99.	0.8	18
58	Upregulation of a non-heme iron-containing ferritin with dual ferroxidase and DNA-binding activities in <i>Helicobacter pylori</i> under acid stress. <i>Journal of Biochemistry</i> , 2010, 147, 535-543.	0.9	18
59	Site-specific His/Asp phosphoproteomic analysis of prokaryotes reveals putative targets for drug resistance. <i>BMC Microbiology</i> , 2017, 17, 123.	1.3	18
60	Regioselective Lactonization of $\beta$ -(2 $\rightarrow$ 8)-Trisialic Acid. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 686-689.	7.2	17
61	Galactomannan from <i>Antrodia cinnamomea</i> Enhances the Phagocytic Activity of Macrophages. <i>Organic Letters</i> , 2017, 19, 3486-3489.	2.4	16
62	New Biscembranoids Sardigitolides A $\alpha$ -D and Known Cembranoid-Related Compounds from <i>Sarcophyton digitatum</i> : Isolation, Structure Elucidation, and Bioactivities. <i>Marine Drugs</i> , 2020, 18, 452.	2.2	16
63	Acid-Catalyzed Hydrolysis and Lactonization of $\beta$ 2,8-Linked Oligosialic Acids. <i>Journal of Organic Chemistry</i> , 2001, 66, 5248-5251.	1.7	15
64	DNA-binding specificity of the Lon protease $\beta$ -domain from <i>Brevibacillus thermoruber</i> WR-249. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 62-66.	1.0	15
65	Solution structure and base specificity of cytotoxic RC-RNase 2 from <i>Rana catesbeiana</i> . <i>Archives of Biochemistry and Biophysics</i> , 2015, 584, 70-78.	1.4	15
66	Regioselective Lactonization of Tetrasialic Acid. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 772-776.	7.2	14
67	Hydrolysis, lactonization, and identification of $\beta$ (2 $\rightarrow$ 8)/ $\beta$ (2 $\rightarrow$ 9) alternatively linked tri-, tetra-, and polysialic acids. <i>Glycobiology</i> , 2003, 14, 147-155.	1.3	14
68	Solution structure of a K $^{+}$ -channel blocker from the scorpion <i>Tityus cambridgei</i> . <i>Protein Science</i> , 2009, 11, 390-400.	3.1	14
69	The Calcium $\alpha$ -Chelating Capability of Tetrahydrofuranic Moieties Modulates the Cytotoxicity of Annonaceous Acetogenins. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7885-7891.	7.2	14
70	New Hydroquinone Monoterpenoid and Cembranoid-Related Metabolites from the Soft Coral <i>Sarcophyton tenuispiculatum</i> . <i>Marine Drugs</i> , 2021, 19, 8.	2.2	14
71	Structure of a major glycolipid from <i>Thermus oshimai</i> NTU-063. <i>Carbohydrate Research</i> , 2004, 339, 2593-2598.	1.1	13
72	Acetylation of <i>Acinetobacter baumannii</i> SK17 Reveals a Highly-Conserved Modification of Histone-Like Protein HU. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 77.	1.6	13

#	ARTICLE	IF	CITATIONS
73	Simultaneous analysis of enantiomeric composition of amino acids and N-acetyl-amino acids by enantioselective chromatography. <i>Chirality</i> , 2001, 13, 231-235.	1.3	12
74	Rapid racemization of optically active amino acids by microwave oven-based heating treatment. <i>International Journal of Peptide and Protein Research</i> , 1989, 33, 73-75.	0.1	12
75	Structural basis for DNA-mediated allosteric regulation facilitated by the AAA+ module of Lon protease. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 218-230.	2.5	12
76	<i>Mycobacterium marinum</i> mmar_2318 and mmar_2319 are Responsible for Lipooligosaccharide Biosynthesis and Virulence Toward <i>Dictyostelium</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1458.	1.5	12
77	Development of <i>Klebsiella pneumoniae</i> Capsule Polysaccharide-Conjugated Vaccine Candidates Using Phage Depolymerases. <i>Frontiers in Immunology</i> , 2022, 13, 843183.	2.2	12
78	Selective monoacetylation of diol compounds by <i>Aspergillus niger</i> lipase. <i>Biotechnology Letters</i> , 1996, 18, 1277-1282.	1.1	11
79	Novel Solution Structure of Porcine $\beta$ -Microseminoprotein. <i>Journal of Molecular Biology</i> , 2005, 346, 1071-1082.	2.0	11
80	Phosphoproteomic analysis of <i>Methanohalophilus portucalensis</i> FDF1T identified the role of protein phosphorylation in methanogenesis and osmoregulation. <i>Scientific Reports</i> , 2016, 6, 29013.	1.6	11
81	Anticataractogenesis Mechanisms of Curcumin and a Comparison of Its Degradation Products: An in Vitro Study. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2080-2086.	2.4	11
82	Identification of a new class of WNT1 inhibitor: Cancer cells migration, G-quadruplex stabilization and target validation. <i>Oncotarget</i> , 2016, 7, 67986-68001.	0.8	11
83	Disulfide pairings and secondary structure of porcine $\beta$ -microseminoprotein. <i>FEBS Letters</i> , 2003, 541, 80-84.	1.3	10
84	TLR-independent induction of human monocyte IL-1 by phosphoglycolipids from thermophilic bacteria. <i>Glycoconjugate Journal</i> , 2008, 25, 427-439.	1.4	10
85	Synthese von Fucopeptiden als Sialyl-Lewis <sup>x</sup> -Mimetica. <i>Angewandte Chemie</i> , 1996, 108, 106-108.	1.6	9
86	Phagocytosis enhancement, endotoxin tolerance, and signal mechanisms of immunologically active glucuronoxylomannan from <i>Auricularia auricula-judae</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 495-505.	3.6	9
87	Structural and biological insights into <i>Klebsiella pneumoniae</i> surface polysaccharide degradation by a bacteriophage K1 lyase: implications for clinical use. <i>Journal of Biomedical Science</i> , 2022, 29, 9.	2.6	9
88	Direct measurement of enantiomeric ratios of enzymatic resolution by chiral high-performance liquid chromatography. <i>Chirality</i> , 1991, 3, 67-70.	1.3	8
89	Enantioselective deprotection of N-protected amino acids by D-aminoacylase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 697-700.	1.0	8
90	Resolution of Ibuprofen Catalyzed with Free and Immobilized Lipases. <i>Journal of the Chinese Chemical Society</i> , 1995, 42, 801-807.	0.8	8

#	ARTICLE	IF	CITATIONS
91	Total Synthesis of an Immunomodulatory Phosphoglycolipid from Thermophilic Bacteria. Chemistry - A European Journal, 2013, 19, 7989-7998.	1.7	8
92	Two novel alpha-neurotoxins isolated from Taiwan cobra: sequence characterization and phylogenetic comparison of homologous neurotoxins. The Protein Journal, 1998, 17, 107-114.	1.1	7
93	A New Synthesis of O-Benzyl-L-Threonine. Synthetic Communications, 1989, 19, 3589-3593.	1.1	6
94	Regioselective Reactions of Monosaccharides and Disaccharides by Enzymes. Journal of the Chinese Chemical Society, 1992, 39, 675-682.	0.8	6
95	Chemical Composition and Bioactivities of the Marine Alga Isochrysis galbana from Taiwan. Natural Product Communications, 2010, 5, 1934578X1000501.	0.2	6
96	Lon Protease Affects the $\alpha$ -Nitroreductase Activity and Metronidazole Susceptibility in <i>Helicobacter pylori</i> . Helicobacter, 2014, 19, 356-366.	1.6	6
97	Protein-DNA complex-guided discovery of the antibacterial lead E1 for restoring the susceptibility of <i>Klebsiella Pneumoniae</i> to polymyxin B by targeting the response regulator PmrA. Chemical Communications, 2018, 54, 6372-6375.	2.2	6
98	Affinity-Driven Covalent Modulator of the Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Cascade. Angewandte Chemie - International Edition, 2018, 57, 7040-7045.	7.2	6
99	High-performance CE: An effective method to study lactonization of $\alpha$ ,2,8-linked oligosialic acid. Electrophoresis, 2006, 27, 4487-4499.	1.3	5
100	Conformation of Trisialic Acid Lactone: NMR Spectroscopic Analysis and Molecular Dynamics Simulation. European Journal of Organic Chemistry, 2007, 2007, 3648-3654.	1.2	5
101	Up-regulation of neutrophil activating protein in <i>Helicobacter pylori</i> under high-salt stress: Structural and phylogenetic comparison with bacterial iron-binding ferritins. Biochimie, 2013, 95, 1136-1145.	1.3	5
102	The Comparative Studies of Binding Activity of Curcumin and Didemethylated Curcumin with Selenite: Hydrogen Bonding vs Acid-Base Interactions. Scientific Reports, 2015, 5, 17614.	1.6	5
103	Synthesis of the trisaccharide repeating unit of capsular polysaccharide from <i>Klebsiella pneumoniae</i> . Tetrahedron Letters, 2019, 60, 288-291.	0.7	5
104	Bacteriophage Tail-Spike Proteins Enable Detection of Pseudaminic-Acid-Coated Pathogenic Bacteria and Guide the Development of Antiglycan Antibodies with Cross-Species Antibacterial Activity. Journal of the American Chemical Society, 2020, 142, 19446-19450.	6.6	5
105	Enantiomeric separation of 2-(phenoxy)propionate derivatives by chiral high-performance liquid chromatography. Chirality, 1991, 3, 476-479.	1.3	4
106	Enantioselective hydrolysis of hydrophobic amino acid derivatives by lipases. Biotechnology Letters, 1992, 14, 461-464.	1.1	4
107	Side reaction in peptide synthesis. International Journal of Peptide and Protein Research, 2009, 35, 52-54.	0.1	4
108	The Observation of the C-H...O Hydrogen Bond in Trisialic Acid Lactone and Its Implications for Cooperative Lactonization. European Journal of Organic Chemistry, 2009, 2009, 3351-3356.	1.2	4

#	ARTICLE	IF	CITATIONS
109	NMR and biophysical elucidation of structural effects on extra N-terminal methionine residue of recombinant amphibian RNases from <i>Rana catesbeiana</i> . <i>Journal of Biochemistry</i> , 2010, 148, 209-215.	0.9	4
110	Phosphoproteomics and Bioinformatics Analyses Reveal Key Roles of GSK-3 and AKAP4 in Mouse Sperm Capacitation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7283.	1.8	4
111	Effect of membrane fusion protein AdeT1 on the antimicrobial resistance of <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2020, 10, 20464.	1.6	4
112	H-Phosphonate Synthesis and Biological Evaluation of an Immunomodulatory Phosphoglycolipid from Thermophilic Bacteria. <i>Organic Letters</i> , 2020, 22, 2569-2573.	2.4	4
113	The Preparation of $\alpha$ -Cycloalkyl Aspartate and $\beta$ -Cycloalkyl Glutamate by Enzymatic Hydrolyses. <i>Journal of the Chinese Chemical Society</i> , 1989, 36, 459-462.	0.8	3
114	Recognition between a divalent sialyl molecule and wheat germ agglutinin. <i>Tetrahedron Letters</i> , 2009, 50, 6130-6132.	0.7	3
115	Synergic action of an inserted carbohydrate-binding module in a glycoside hydrolase family 5 endoglucanase. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 633-646.	1.1	3
116	NMR studies of the reversible and regioselective lactonization of $\alpha$ -2,8-linked trisialic acid in aqueous acid. <i>Tetrahedron Letters</i> , 2011, 52, 2250-2253.	0.7	2
117	Multimeric TAT peptides are effective in vitro inhibitors of <i>Staphylococcus saprophyticus</i> . <i>Chemical Biology and Drug Design</i> , 2020, 96, 1348-1354.	1.5	2
118	A hexasaccharide from capsular polysaccharide of carbapenem-resistant <i>Klebsiella pneumoniae</i> KN2 is a ligand of Toll-like receptor 4. <i>Carbohydrate Polymers</i> , 2022, 278, 118944.	5.1	2
119	9-O-Sulfation on $\alpha$ -NeuAc-(2 $\rightarrow$ 8)-NeuAc and inter-residue lactonization. <i>Carbohydrate Research</i> , 2005, 340, 1219-1223.	1.1	1
120	Affinity-Driven Covalent Modulator of the Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Cascade. <i>Angewandte Chemie</i> , 2018, 130, 7158-7163.	1.6	1
121	A GalNAc/Gal-specific lectin modulates immune responses <i>via</i> toll-like receptor 4 independently of carbohydrate-binding ability. <i>Chemical Communications</i> , 2021, 57, 6209-6212.	2.2	1
122	Structural Characterization of Venom Toxins by Physical Methods and the Perspectives on Structure-Function Correlation of Proteins. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 337-348.	0.8	0
123	Purification and Characterization of a Cephalosporin-Synthesizing Enzyme from <i>Gluconobacter oxydans</i> CCRC10383. <i>Journal of the Chinese Chemical Society</i> , 1999, 46, 707-714.	0.8	0
124	S1h1-3 Structures of tryptophan-rich antimicrobial peptides bound to micelles and their interactions with phospholipid bilayers(S1-h1 "Antimicrobial Peptides and Membrane) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142, Td (Interactions", Sy S113.	0.0	0
125	2P056 The flexible and clustered lysine residues are critical for membrane permeability and antimicrobial activity of human RNase 7(29. Protein structure and dynamics (II),Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 00 Tf 50 97	0.0	0
126	$^1$ H, $^{13}$ C and $^{15}$ N resonance assignments of $\alpha$ -domain for <i>Bacillus subtilis</i> Lon protease. <i>Biomolecular NMR Assignments</i> , 2007, 1, 201-203.	0.4	0



#	ARTICLE	IF	CITATIONS
127	Structure and Function of Glycolipids in Thermophilic Bacteria. <i>Advances in Experimental Medicine and Biology</i> , 2011, 705, 367-380.	0.8	0
128	Evaluation of the regioselective delactonization of tri-sialic acid lactone by in-solution molecular dynamics simulation. <i>Carbohydrate Research</i> , 2012, 354, 87-93.	1.1	0