

Shih-Hsiung Wu

List of Publications by Year in descending order

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times ranked

4255
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	New Biscembranoids Sardigitolides A 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
11	Bacteriophage Tail-Spike Proteins Enable Detection of Pseudaminic-Acid-Coated Pathogenic Bacteria and Guide the Development of Antiglycan Antibodies with Cross-Species Antibacterial Activity. <i>Journal of the American Chemical Society</i> , 2020, 142, 19446-19450.	6.6	5
12	Multimeric TAT peptides are effective <i>in vitro</i> inhibitors of <i>Staphylococcus saprophyticus</i> . <i>Chemical Biology and Drug Design</i> , 2020, 96, 1348-1354.	1.5	2
13	H-Phosphonate Synthesis and Biological Evaluation of an Immunomodulatory Phosphoglycolipid from Thermophilic Bacteria. <i>Organic Letters</i> , 2020, 22, 2569-2573.	2.4	4
14	Synthesis of the trisaccharide repeating unit of capsular polysaccharide from <i>Klebsiella pneumoniae</i> . <i>Tetrahedron Letters</i> , 2019, 60, 288-291.	0.7	5
15	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
16	Affinity-Driven Covalent Modulator of the Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Cascade. <i>Angewandte Chemie</i> , 2018, 130, 7158-7163.	1.6	1
17	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
18	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. <i>Chemical Communications</i> , 2018, 54, 6372-6375.	2.2	6

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19	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
20	Affinity-Driven Covalent Modulator of the Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Cascade. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7040-7045.	7.2	6
21	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
22	<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
23	Structural basis for fragmenting the exopolysaccharide of <i>Acinetobacter baumannii</i> by bacteriophage ϕ AB6 tailspike protein. <i>Scientific Reports</i> , 2017, 7, 42711.	1.6	49
24	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
25	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
26	Galactomannan from <i>Antrodia cinnamomea</i> Enhances the Phagocytic Activity of Macrophages. <i>Organic Letters</i> , 2017, 19, 3486-3489.	2.4	16
27	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
28	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
29	Site-specific His/Asp phosphoproteomic analysis of prokaryotes reveals putative targets for drug resistance. <i>BMC Microbiology</i> , 2017, 17, 123.	1.3	18
30	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
31	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
32	Structural Insights into the Allosteric Operation of the Lon AAA+ Protease. <i>Structure</i> , 2016, 24, 667-675.	1.6	37
33	Structural Basis for the Magnesium-Dependent Activation and Hexamerization of the Lon AAA+ Protease. <i>Structure</i> , 2016, 24, 676-686.	1.6	33
34	Comparative Phosphoproteomics Reveals the Role of AmpC β -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
35	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
36	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

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37	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
38	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
39	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
40	The Comparative Studies of Binding Activity of Curcumin and Didemethylated Curcumin with Selenite: Hydrogen Bonding vs Acid-Base Interactions. <i>Scientific Reports</i> , 2015, 5, 17614.	1.6	5
41	Betulinic acid exerts anti-hepatitis C virus activity via the suppression of NF- κ B and MAPK1/2-mediated COX-2 expression. <i>British Journal of Pharmacology</i> , 2015, 172, 4481-4492.	2.7	37
42	New Meroterpenoids from <i>Aspergillus terreus</i> with Inhibition of Cyclooxygenase-2 Expression. <i>Organic Letters</i> , 2015, 17, 2330-2333.	2.4	33
43	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
44	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
45	<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
46	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
47	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
48	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
49	Lon Protease Affects the RdxA Nitroreductase Activity and Metronidazole Susceptibility in <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2014, 19, 356-366.	1.6	6
50	Osthole improves an accelerated focal segmental glomerulosclerosis model in the early stage by activating the Nrf2 antioxidant pathway and subsequently inhibiting NF- κ B-mediated COX-2 expression and apoptosis. <i>Free Radical Biology and Medicine</i> , 2014, 73, 260-269.	1.3	55
51	Anthraquinone 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
52	Total Synthesis of an Immunomodulatory Phosphoglycolipid from Thermophilic Bacteria. <i>Chemistry - A European Journal</i> , 2013, 19, 7989-7998.	1.7	8
53	Up-regulation of neutrophil activating protein in <i>Helicobacter pylori</i> under high-salt stress: Structural and phylogenetic comparison with bacterial iron-binding ferritins. <i>Biochimie</i> , 2013, 95, 1136-1145.	1.3	5
54	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

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55	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. PLoS ONE, 2013, 8, e67603.	1.1	25
56	Polyenylpyrrole Derivatives Inhibit NLRP3 Inflammasome Activation and Inflammatory Mediator Expression by Reducing Reactive Oxygen Species Production and Mitogen-Activated Protein Kinase Activation. PLoS ONE, 2013, 8, e76754.	1.1	28
57	Phosphoproteomic Analysis of <i>Rhodopseudomonas palustris</i> Reveals the Role of Pyruvate Phosphate Dikinase Phosphorylation in Lipid Production. Journal of Proteome Research, 2012, 11, 5362-5375.	1.8	37
58	Lipopolysaccharide O1 Antigen Contributes to the Virulence in <i>Klebsiella pneumoniae</i> Causing Pyogenic Liver Abscess. PLoS ONE, 2012, 7, e33155.	1.1	64
59	Evaluation of the regioselective delactonization of tri-sialic acid lactone by in-solution molecular dynamics simulation. Carbohydrate Research, 2012, 354, 87-93.	1.1	0
60	Structure and Function of Glycolipids in Thermophilic Bacteria. Advances in Experimental Medicine and Biology, 2011, 705, 367-380.	0.8	0
61	The Calcium-Chelating Capability of Tetrahydrofuranic Moieties Modulates the Cytotoxicity of Annonaceous Acetogenins. Angewandte Chemie - International Edition, 2011, 50, 7885-7891.	7.2	14
62	NMR studies of the reversible and regioselective lactonization of \pm -2,8-linked trisialic acid in aqueous acid. Tetrahedron Letters, 2011, 52, 2250-2253.	0.7	2
63	Structure and Immunological Characterization of the Capsular Polysaccharide of a Pyrogenic Liver Abscess Caused by <i>Klebsiella pneumoniae</i> . Journal of Biological Chemistry, 2011, 286, 21041-21051.	1.6	62
64	Chemical Composition and Bioactivities of the Marine Alga <i>Isochrysis galbana</i> from Taiwan. Natural Product Communications, 2010, 5, 1934578X1000501.	0.2	6
65	Upregulation of a non-heme iron-containing ferritin with dual ferroxidase and DNA-binding activities in <i>Helicobacter pylori</i> under acid stress. Journal of Biochemistry, 2010, 147, 535-543.	0.9	18
66	NMR and biophysical elucidation of structural effects on extra N-terminal methionine residue of recombinant amphibian RNases from <i>Rana catesbeiana</i> . Journal of Biochemistry, 2010, 148, 209-215.	0.9	4
67	Synthesis and Biological Evaluation of Polyenylpyrrole Derivatives as Anticancer Agents Acting through Caspases-Dependent Apoptosis. Journal of Medicinal Chemistry, 2010, 53, 7967-7978.	2.9	59
68	Phosphoproteomics of <i>Klebsiella pneumoniae</i> NTUH-K2044 Reveals a Tight Link between Tyrosine Phosphorylation and Virulence. Molecular and Cellular Proteomics, 2009, 8, 2613-2623.	2.5	102
69	Humoral Immunity against Capsule Polysaccharide Protects the Host from <i>magA</i> ⁺ <i>Klebsiella pneumoniae</i> -Induced Lethal Disease by Evading Toll-Like Receptor 4 Signaling. Infection and Immunity, 2009, 77, 615-621.	1.0	40
70	Side reaction in peptide synthesis. International Journal of Peptide and Protein Research, 2009, 35, 52-54.	0.1	4
71	Discovery of New Natural Products by Intact-Cell Mass Spectrometry and LC-ESI-NMR: Malbranpyrroles, Novel Polyketides from Thermophilic Fungus <i>Malbranchea sulfurea</i> . Chemistry - A European Journal, 2009, 15, 11573-11580.	1.7	43
72	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

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73	Recognition between a divalent sialyl molecule and wheat germ agglutinin. <i>Tetrahedron Letters</i> , 2009, 50, 6130-6132.	0.7	3
74	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
75	DNA-binding specificity of the Lon protease $\hat{\pm}$ -domain from <i>Brevibacillus thermoruber</i> WR-249. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 62-66.	1.0	15
76	TLR-independent induction of human monocyte IL-1 by phosphoglycolipids from thermophilic bacteria. <i>Glycoconjugate Journal</i> , 2008, 25, 427-439.	1.4	10
77	Polysaccharides from <i>Dioscorea batatas</i> Induce Tumor Necrosis Factor- $\hat{\pm}$ 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
78	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
79	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
80	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
81	Development of an Activity-Based Probe for Steroid Sulfatases. <i>ChemBioChem</i> , 2007, 8, 2187-2190.	1.3	32
82	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
83	Conformation of Trisialic Acid Lactone: NMR Spectroscopic Analysis and Molecular Dynamics Simulation. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3648-3654.	1.2	5
84	¹ H, ¹³ C and ¹⁵ N resonance assignments of $\hat{\pm}$ -domain for <i>Bacillus subtilis</i> Lon protease. <i>Biomolecular NMR Assignments</i> , 2007, 1, 201-203.	0.4	0
85	S1h1-3 Structures of tryptophan-rich antimicrobial peptides bound to micelles and their interactions with phospholipid bilayers(S1-h1 "Antimicrobial Peptides and Membrane) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (Interact S113.	0.0	0
86	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (Se	0.0	0
87	High-performance CE: An effective method to study lactonization of $\hat{\pm}$ 2,8-linked oligosialic acid. <i>Electrophoresis</i> , 2006, 27, 4487-4499.	1.3	5
88	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
89	9-O-Sulfation on $\hat{\pm}$ -NeuAc-(2 $\hat{\pm}$ '8)-NeuAc and inter-residue lactonization. <i>Carbohydrate Research</i> , 2005, 340, 1219-1223.	1.1	1
90	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

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91	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
92	Novel Solution Structure of Porcine β -Microseminoprotein. <i>Journal of Molecular Biology</i> , 2005, 346, 1071-1082.	2.0	11
93	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
94	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
95	Structural determination of the polar glycolipids from thermophilic bacteria <i>Meiothermus taiwanensis</i> . <i>FEBS Journal</i> , 2004, 271, 4545-4551.	0.2	27
96	Structure of a major glycolipid from <i>Thermus oshimai</i> NTU-063. <i>Carbohydrate Research</i> , 2004, 339, 2593-2598.	1.1	13
97	Synthesis of β -(2 \rightarrow 5)Neu5Gc Oligomers. <i>Chemistry - A European Journal</i> , 2003, 9, 1085-1095.	1.7	19
98	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
99	Disulfide pairings and secondary structure of porcine β -microseminoprotein. <i>FEBS Letters</i> , 2003, 541, 80-84.	1.3	10
100	Hydrolysis, lactonization, and identification of α (2 \rightarrow 8)/ α (2 \rightarrow 9) alternatively linked tri-, tetra-, and polysialic acids. <i>Glycobiology</i> , 2003, 14, 147-155.	1.3	14
101	Synthesis of a Sialic Acid Dimer Derivative, β -O-Benzyl Neu5Ac- β -(2 \rightarrow 5)Neu5Gc. <i>Journal of Organic Chemistry</i> , 2002, 67, 1376-1379.	1.7	44
102	Acid-Catalyzed Hydrolysis and Lactonization of β 2,8-Linked Oligosialic Acids. <i>Journal of Organic Chemistry</i> , 2001, 66, 5248-5251.	1.7	15
103	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
104	Regioselective Lactonization of Tetrasialic Acid. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 772-776.	7.2	14
105	Regioselective Lactonization of β -(2 \rightarrow 8)-Trisialic Acid. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 686-689.	7.2	17
106	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
107	Purification and Characterization of a Cephalixin-Synthesizing Enzyme from <i>Gluconobacter oxydans</i> CCRC10383. <i>Journal of the Chinese Chemical Society</i> , 1999, 46, 707-714.	0.8	0
108	Two novel alpha-neurotoxins isolated from Taiwan cobra: sequence characterization and phylogenetic comparison of homologous neurotoxins. <i>The Protein Journal</i> , 1998, 17, 107-114.	1.1	7

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109	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
110	Chemical mechanism of the endogenous argininosuccinate lyase activity of duck lens γ 2-crystallin. <i>Biochemical Journal</i> , 1998, 333, 327-334.	1.7	19
111	The Studies of Microwave Effects on the Chemical Reactions. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 169-182.	0.8	21
112	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
113	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
114	Synthese von Fucopeptiden als Sialyl-Lewis ^x -Mimetica. <i>Angewandte Chemie</i> , 1996, 108, 106-108.	1.6	9
115	Synthesis of Fucopeptides as Sialyl Lewis ^x Mimetics. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 88-90.	4.4	55
116	Selective monoacetylation of diol compounds by <i>Aspergillus niger</i> lipase. <i>Biotechnology Letters</i> , 1996, 18, 1277-1282.	1.1	11
117	Resolution of Ibuprofen Catalyzed with Free and Immobilized Lipases. <i>Journal of the Chinese Chemical Society</i> , 1995, 42, 801-807.	0.8	8
118	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
119	Industrial Protease -Alcalase-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
120	Regioselective Reactions of Monosaccharides and Disaccharides by Enzymes. <i>Journal of the Chinese Chemical Society</i> , 1992, 39, 675-682.	0.8	6
121	Enantioselective deprotection of N-protected amino acids by D-aminoacylase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 697-700.	1.0	8
122	Enantioselective hydrolysis of hydrophobic amino acid derivatives by lipases. <i>Biotechnology Letters</i> , 1992, 14, 461-464.	1.1	4
123	Direct measurement of enantiomeric ratios of enzymatic resolution by chiral high-performance liquid chromatography. <i>Chirality</i> , 1991, 3, 67-70.	1.3	8
124	Enantiomeric separation of 2-(phenoxy)propionate derivatives by chiral high-performance liquid chromatography. <i>Chirality</i> , 1991, 3, 476-479.	1.3	4
125	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
126	A New Synthesis of O-Benzyl-L-Threonine. <i>Synthetic Communications</i> , 1989, 19, 3589-3593.	1.1	6

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127	The Preparation of α -Cycloalkyl-L-Aspartate and α -Cycloalkyl-L-Glutamate by Enzymatic Hydrolyses. Journal of the Chinese Chemical Society, 1989, 36, 459-462.	0.8	3
128	Rapid racemization of optically active amino acids by microwave oven-based heating treatment. International Journal of Peptide and Protein Research, 1989, 33, 73-75.	0.1	12