Ping Wang

List of Publications by Year
in descending order

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43 papers	1,800 citations	304743 22 h-index	265206 42 g-index
54 all docs	54 docs citations	54 times ranked	1650 citing authors

#	Article	IF	Citations
1	Siteâ€Selective Itaconation of Complex Peptides by Photoredox Catalysis. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
2	Revealing Functional Significance of Interleukinâ€2 Glycoproteoforms Enabled by Expressed Serine Ligation. Chinese Journal of Chemistry, 2022, 40, 787-793.	4.9	13
3	Radical Addition of 4-Hydroxyquinazolines and Alkylation of Quinones by the Electro-Induced Homolysis of 4-Alkyl-1,4-diÂhydropyridines. Synthesis, 2022, 54, 2696-2706.	2.3	1
4	Electrochemical-induced radical allylation via the fragmentation of alkyl 1,4-dihydropyridines. Tetrahedron Letters, 2022, 91, 153646.	1.4	4
5	Quinoline-Based Photolabile Protection Strategy Facilitates Efficient Protein Assembly. Journal of the American Chemical Society, 2022, 144, 1232-1242.	13.7	19
6	Stereoselective Synthesis of Î²-Thiolated Aryl Amino Acids. Synthesis, 2022, 54, 4592-4600.	2.3	8
7	Late-Stage Alkylation of N-Containing Heteroarenes Enabled by Homolysis of Alkyl-1,4-dihydropyridines under Blue LED Irradiation. Synlett, 2021, 32, 733-737.	1.8	3
8	Modification of N-terminal Î±-amine of proteins via biomimetic ortho-quinone-mediated oxidation. Nature Communications, 2021, 12, 2257.	12.8	23
9	Innentitelbild: Synthetic Homogeneous Glycoforms of the SARSâ€CoVâ€2 Spike Receptorâ€Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies (Angew. Chem. 23/2021). Angewandte Chemie, 2021, 133, 12718-12718.	2.0	0
10	Synthetic Homogeneous Glycoforms of the SARSâ€CoVâ€2 Spike Receptorâ€Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. Angewandte Chemie, 2021, 133, 13014-13020.	2.0	2
11	Synthetic Homogeneous Glycoforms of the SARSâ€CoVâ€2 Spike Receptorâ€Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. Angewandte Chemie - International Edition, 2021, 60, 12904-12910.	13.8	49
12	Preparation of Peptide Selenoesters from Their Corresponding Acyl Hydrazides^{â€}. Chinese Journal of Chemistry, 2021, 39, 1861-1866.	4.9	17
13	Ynonylation of Acyl Radicals by Electroinduced Homolysis of 4-Acyl-1,4-dihydropyridines. Organic Letters, 2021, 23, 4960-4965.	4.6	20
14	Chemical Synthesis of the Homogeneous Granulocyte-Macrophage Colony-Stimulating Factor Through Se-Auxiliary-Mediated Ligation. Journal of Organic Chemistry, 2020, 85, 1652-1660.	3.2	11
15	Catalystâ€Free Decarboxylation of Carboxylic Acids and Deoxygenation of Alcohols by Electroâ€Induced Radical Formation. Chemistry - A European Journal, 2020, 26, 3226-3230.	3.3	49
16	Stereoselective and Divergent Construction of Î²-Thiolated/Selenolated Amino Acids via Photoredox-Catalyzed Asymmetric Giese Reaction. Journal of the American Chemical Society, 2020, 142, 14201-14209.	13.7	48
17	Rapid Assembly of Oligosaccharides by Using a Hydrophobic Tag-Assisted Liquid-Phase Method. Synlett, 2020, 31, 1163-1166.	1.8	1
18	Photo-cleavable purification/protection handle assisted synthesis of giant modified proteins with tandem repeats. Chemical Science, 2019, 10, 8694-8700.	7.4	15

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19	Chemical Protein Synthesis by Native Chemical Ligation and Variations Thereof. Chinese Journal of Chemistry, 2019, 37, 1181-1193.	4.9	24
20	Histidine-Specific Peptide Modification via Visible-Light-Promoted Câ€“H Alkylation. Journal of the American Chemical Society, 2019, 141, 18230-18237.	13.7	121
21	Development of Powerful Auxiliary-Mediated Ligation To Facilitate Rapid Protein Assembly. Organic Letters, 2019, 21, 5138-5142.	4.6	15
22	Reprogramming the enzymatic assembly line for site-specific fucosylation. Nature Catalysis, 2019, 2, 514-522.	34.4	52
23	A highly selective H/D exchange reaction of 1,4-dihydropyridines. Organic and Biomolecular Chemistry, 2019, 17, 3845-3852.	2.8	8
24	Synthesis of cyclic peptide reniochalistatin E and conformational isomers. Chinese Chemical Letters, 2018, 29, 1143-1146.	9.0	7
25	The Winding Pathway to Erythropoietin Along the Chemistryâ€“Biology Frontier: A Success At Last. Angewandte Chemie - International Edition, 2013, 52, 7646-7665.	13.8	51
26	Erythropoietin Derived by Chemical Synthesis. Science, 2013, 342, 1357-1360.	12.6	218
27	Tackling the Challenges in the Total Synthesis of Landomycin A. Chemical Record, 2013, 13, 70-84.	5.8	11
28	Identification of Mono- and Disulfated N-Acetyl-lactosaminyl Oligosaccharide Structures as Epitopes Specifically Recognized by Humanized Monoclonal Antibody HMOCC-1 Raised against Ovarian Cancer. Journal of Biological Chemistry, 2012, 287, 6592-6602.	3.4	22
29	An Advance in the Chemical Synthesis of Homogeneous Nâ€Linked Glycopolypeptides by Convergent Aspartylation. Angewandte Chemie - International Edition, 2012, 51, 11571-11575.	13.8	80
30	At Last: Erythropoietin as a Single Glycoform. Angewandte Chemie - International Edition, 2012, 51, 11576-11584.	13.8	71
31	A Fascinating Journey into History: Exploration of the World of Isonitriles En Route to Complex Amides. Angewandte Chemie - International Edition, 2012, 51, 2834-2848.	13.8	103
32	Encouraging Progress in the Ï‰-Aspartylation of Complex Oligosaccharides as a General Route to Î²-N-Linked Glycopolypeptides. Journal of the American Chemical Society, 2011, 133, 1597-1602.	13.7	58
33	A program for ligation at threonine sites: application to the controlled total synthesis of glycopeptides. Tetrahedron, 2010, 66, 2277-2283.	1.9	129
34	Promising General Solution to the Problem of Ligating Peptides and Glycopeptides. Journal of the American Chemical Society, 2010, 132, 17045-17051.	13.7	71
35	Total Synthesis of Cyclosporine: Access to N-Methylated Peptides via Isonitrile Coupling Reactions. Journal of the American Chemical Society, 2010, 132, 4098-4100.	13.7	91
36	Total Synthesis of the 2,6-Sialylated Immunoglobulin G Glycopeptide Fragment in Homogeneous Form. Journal of the American Chemical Society, 2009, 131, 16669-16671.	13.7	59

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37	Â1,4GlcNAc-capped mucin-type O-glycan inhibits cholesterol Â-glucosyltransferase from Helicobacter pylori and suppresses H. pylori growth. Glycobiology, 2008, 18, 549-558.	2.5	60
38	One-pot synthesis of a pentasaccharide with antibiotic activity against Helicobacter pylori. Chemical Communications, 2007, , 1963.	4.1	23
39	Expression cloning of cholesterol Î±-glucosyltransferase, a unique enzyme that can be inhibited by natural antibiotic gastric mucin O-glycans, from Helicobacter pylori. Biochemical and Biophysical Research Communications, 2006, 349, 1235-1241.	2.1	47
40	Total Synthesis of CRM646-A and -B, Two Fungal Glucuronides with Potent Heparinase Inhibition Activities. Journal of Organic Chemistry, 2005, 70, 8884-8889.	3.2	43
41	Efficient Synthesis of the Hexasaccharide Fragment of Landomycin A:â€‰ Using Phenyl 2,3-O-Thionocarbonyl-1-thioglycosides as 2-Deoxy-Î²-glycoside Precursors. Organic Letters, 2002, 4, 1919-1922.	4.6	60
42	Late-Stage Alkylation of N-Containing Heteroarenes Enabled by Homolysis of Alkyl-1,4-dihydropyridines under Blue LED Irradiation. Synlett, 0, 32, .	1.8	0
43	Siteâ€Selective Itaconation of Complex Peptides by Photoredox Catalysis. Angewandte Chemie, 0, , .	2.0	2