

Ping Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6530257/publications.pdf>

Version: 2024-02-01

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	Erythropoietin Derived by Chemical Synthesis. <i>Science</i> , 2013, 342, 1357-1360.	12.6	218
2	A program for ligation at threonine sites: application to the controlled total synthesis of glycopeptides. <i>Tetrahedron</i> , 2010, 66, 2277-2283.	1.9	129
3	Histidine-Specific Peptide Modification via Visible-Light-Promoted C α -H Alkylation. <i>Journal of the American Chemical Society</i> , 2019, 141, 18230-18237.	13.7	121
4	A Fascinating Journey into History: Exploration of the World of Isonitriles En Route to Complex Amides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2834-2848.	13.8	103
5	Total Synthesis of Cyclosporine: Access to N-Methylated Peptides via Isonitrile Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 4098-4100.	13.7	91
6	An Advance in the Chemical Synthesis of Homogeneous N α -Linked Glycopolypeptides by Convergent Aspartylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11571-11575.	13.8	80
7	Promising General Solution to the Problem of Ligating Peptides and Glycopeptides. <i>Journal of the American Chemical Society</i> , 2010, 132, 17045-17051.	13.7	71
8	At Last: Erythropoietin as a Single Glycoform. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11576-11584.	13.8	71
9	Efficient Synthesis of the Hexasaccharide Fragment of Landomycin A: α Using Phenyl 2,3-O-Thionocarbonyl-1-thioglycosides as 2-Deoxy- β -glycoside Precursors. <i>Organic Letters</i> , 2002, 4, 1919-1922.	4.6	60
10	α 1,4GlcNAc-capped mucin-type O-glycan inhibits cholesterol α -glucosyltransferase from <i>Helicobacter pylori</i> and suppresses <i>H. pylori</i> growth. <i>Glycobiology</i> , 2008, 18, 549-558.	2.5	60
11	Total Synthesis of the 2,6-Sialylated Immunoglobulin G Glycopeptide Fragment in Homogeneous Form. <i>Journal of the American Chemical Society</i> , 2009, 131, 16669-16671.	13.7	59
12	Encouraging Progress in the β -Aspartylation of Complex Oligosaccharides as a General Route to β -N-Linked Glycopolypeptides. <i>Journal of the American Chemical Society</i> , 2011, 133, 1597-1602.	13.7	58
13	Reprogramming the enzymatic assembly line for site-specific fucosylation. <i>Nature Catalysis</i> , 2019, 2, 514-522.	34.4	52
14	The Winding Pathway to Erythropoietin Along the Chemistry \rightarrow Biology Frontier: A Success At Last. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7646-7665.	13.8	51
15	Catalyst-Free Decarboxylation of Carboxylic Acids and Deoxygenation of Alcohols by Electro-Induced Radical Formation. <i>Chemistry - A European Journal</i> , 2020, 26, 3226-3230.	3.3	49
16	Synthetic Homogeneous Glycoforms of the SARS \rightarrow CoV \rightarrow 2 Spike Receptor \rightarrow Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12904-12910.	13.8	49
17	Stereoselective and Divergent Construction of β -Thiolated/Selenolated Amino Acids via Photoredox-Catalyzed Asymmetric Giese Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 14201-14209.	13.7	48
18	Expression cloning of cholesterol β -glucosyltransferase, a unique enzyme that can be inhibited by natural antibiotic gastric mucin O-glycans, from <i>Helicobacter pylori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 1235-1241.	2.1	47

#	ARTICLE	IF	CITATIONS
19	Total Synthesis of CRM646-A and -B, Two Fungal Glucuronides with Potent Heparinase Inhibition Activities. <i>Journal of Organic Chemistry</i> , 2005, 70, 8884-8889.	3.2	43
20	Chemical Protein Synthesis by Native Chemical Ligation and Variations Thereof. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1181-1193.	4.9	24
21	One-pot synthesis of a pentasaccharide with antibiotic activity against <i>Helicobacter pylori</i> . <i>Chemical Communications</i> , 2007, , 1963.	4.1	23
22	Modification of N-terminal α -amine of proteins via biomimetic ortho-quinone-mediated oxidation. <i>Nature Communications</i> , 2021, 12, 2257.	12.8	23
23	Identification of Mono- and Disulfated N-Acetyl-lactosaminyl Oligosaccharide Structures as Epitopes Specifically Recognized by Humanized Monoclonal Antibody HMOCC-1 Raised against Ovarian Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 6592-6602.	3.4	22
24	Ynylation of Acyl Radicals by Electroinduced Homolysis of 4-Acyl-1,4-dihydropyridines. <i>Organic Letters</i> , 2021, 23, 4960-4965.	4.6	20
25	Site-Selective Itaconation of Complex Peptides by Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
26	Quinoline-Based Photolabile Protection Strategy Facilitates Efficient Protein Assembly. <i>Journal of the American Chemical Society</i> , 2022, 144, 1232-1242.	13.7	19
27	Preparation of Peptide Selenoesters from Their Corresponding Acyl Hydrazides. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1861-1866.	4.9	17
28	Photo-cleavable purification/protection handle assisted synthesis of giant modified proteins with tandem repeats. <i>Chemical Science</i> , 2019, 10, 8694-8700.	7.4	15
29	Development of Powerful Auxiliary-Mediated Ligation To Facilitate Rapid Protein Assembly. <i>Organic Letters</i> , 2019, 21, 5138-5142.	4.6	15
30	Revealing Functional Significance of Interleukin-2 Glycoproteoforms Enabled by Expressed Serine Ligation. <i>Chinese Journal of Chemistry</i> , 2022, 40, 787-793.	4.9	13
31	Tackling the Challenges in the Total Synthesis of Landomycin A. <i>Chemical Record</i> , 2013, 13, 70-84.	5.8	11
32	Chemical Synthesis of the Homogeneous Granulocyte-Macrophage Colony-Stimulating Factor Through Se-Auxiliary-Mediated Ligation. <i>Journal of Organic Chemistry</i> , 2020, 85, 1652-1660.	3.2	11
33	A highly selective H/D exchange reaction of 1,4-dihydropyridines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3845-3852.	2.8	8
34	Stereoselective Synthesis of β^2 -Thiolated Aryl Amino Acids. <i>Synthesis</i> , 2022, 54, 4592-4600.	2.3	8
35	Synthesis of cyclic peptide reniochalistatin E and conformational isomers. <i>Chinese Chemical Letters</i> , 2018, 29, 1143-1146.	9.0	7
36	Electrochemical-induced radical allylation via the fragmentation of alkyl 1,4-dihydropyridines. <i>Tetrahedron Letters</i> , 2022, 91, 153646.	1.4	4

#	ARTICLE	IF	CITATIONS
37	Late-Stage Alkylation of N-Containing Heteroarenes Enabled by Homolysis of Alkyl-1,4-dihydropyridines under Blue LED Irradiation. <i>Synlett</i> , 2021, 32, 733-737.	1.8	3
38	Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie</i> , 2021, 133, 13014-13020.	2.0	2
39	Site-Selective Itaconation of Complex Peptides by Photoredox Catalysis. <i>Angewandte Chemie</i> , 0, , .	2.0	2
40	Rapid Assembly of Oligosaccharides by Using a Hydrophobic Tag-Assisted Liquid-Phase Method. <i>Synlett</i> , 2020, 31, 1163-1166.	1.8	1
41	Radical Addition of 4-Hydroxyquinazolines and Alkylation of Quinones by the Electro-Induced Homolysis of 4-Alkyl-1,4-dihydropyridines. <i>Synthesis</i> , 2022, 54, 2696-2706.	2.3	1
42	Innentitelbild: Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies (<i>Angew. Chem.</i> 23/2021). <i>Angewandte Chemie</i> , 2021, 133, 12718-12718.	2.0	0
43	Late-Stage Alkylation of N-Containing Heteroarenes Enabled by Homolysis of Alkyl-1,4-dihydropyridines under Blue LED Irradiation. <i>Synlett</i> , 0, 32, .	1.8	0