

# Weixuan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,299  
citations

430874

18  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiol Reactive Probes and Chemosensors. <i>Sensors</i> , 2012, 12, 15907-15946.	3.8	246
2	Clicking 1,2,4,5-tetrazine and cyclooctynes with tunable reaction rates. <i>Chemical Communications</i> , 2012, 48, 1736-1738.	4.1	166
3	An enrichment method based on synergistic and reversible covalent interactions for large-scale analysis of glycoproteins. <i>Nature Communications</i> , 2018, 9, 1692.	12.8	127
4	A Universal Chemical Enrichment Method for Mapping the Yeast N-glycoproteome by Mass Spectrometry (MS). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1563-1572.	3.8	77
5	Dual-Responsive Boronate Crosslinked Micelles for Targeted Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5293-5295.	13.8	68
6	Systematic study of the dynamics and half-lives of newly synthesized proteins in human cells. <i>Chemical Science</i> , 2016, 7, 1393-1400.	7.4	64
7	Systematic and site-specific analysis of N-sialoglycosylated proteins on the cell surface by integrating click chemistry and MS-based proteomics. <i>Chemical Science</i> , 2015, 6, 4681-4689.	7.4	55
8	3,6-Substituted-1,2,4,5-tetrazines: tuning reaction rates for staged labeling applications. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3950.	2.8	54
9	The first low $\mu\text{M}$ SecA inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1617-1625.	3.0	51
10	Highly active Pd(II) catalysts with pyridylbenzoimidazole ligands for the Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4381-4388.	1.8	45
11	Comprehensive Analysis of Protein N-Glycosylation Sites by Combining Chemical Deglycosylation with LC-MS. <i>Journal of Proteome Research</i> , 2014, 13, 1466-1473.	3.7	44
12	Mass Spectrometric Analysis of the Cell Surface N-Glycoproteome by Combining Metabolic Labeling and Click Chemistry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 604-614.	2.8	43
13	Post-synthesis DNA modifications using a trans-cyclooctene click handle. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 909-915.	2.8	31
14	Design, Synthesis and Evaluation of Triazole-Pyrimidine Analogues as SecA Inhibitors. <i>ChemMedChem</i> , 2016, 11, 43-56.	3.2	27
15	An unexpected copper catalyzed $\alpha$ -reduction of an arylazide to amine through the formation of a nitrene intermediate. <i>Tetrahedron</i> , 2013, 69, 5079-5085.	1.9	23
16	Rapid and Specific Post-Synthesis Modification of DNA through a Biocompatible Condensation of 1,2-Amino thiols with 2-Cyanobenzothiazole. <i>Chemistry - A European Journal</i> , 2013, 19, 4036-4042.	3.3	23
17	SecA: a potential antimicrobial target. <i>Future Medicinal Chemistry</i> , 2015, 7, 989-1007.	2.3	23
18	Design, syntheses and evaluation of 4-oxo-5-cyano thiouracils as SecA inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 105-117.	3.0	23

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19	Carbohydrate biomarker recognition using synthetic lectin mimics. <i>Pure and Applied Chemistry</i> , 2012, 84, 2479-2498.	1.9	17
20	Binding Model for the Interaction of Anticancer Arylsulfonamides with the p300 Transcription Cofactor. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 620-625.	2.8	15
21	Evidence for the importance of post-transcriptional regulatory changes in ovarian cancer progression and the contribution of miRNAs. <i>Scientific Reports</i> , 2017, 7, 8171.	3.3	14
22	Metallo-phosphorylation of alkenes: a highly regioselective reaction of zirconocene-alkene complexes with chlorophosphate. <i>Tetrahedron</i> , 2006, 62, 6295-6302.	1.9	13
23	2-Iminopyridylpalladium dichloride as highly active catalyst for the Heck reaction. <i>Applied Organometallic Chemistry</i> , 2007, 21, 641-644.	3.5	12
24	Upregulation of p53 through induction of MDM2 degradation: Anthraquinone analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3860-3865.	3.0	11
25	Systematic Investigation of Cellular Response and Pleiotropic Effects in Atorvastatin-Treated Liver Cells by MS-Based Proteomics. <i>Journal of Proteome Research</i> , 2015, 14, 1600-1611.	3.7	9
26	SecA inhibitors: next generation antimicrobials. <i>Journal of Chinese Pharmaceutical Sciences</i> , 2012, 21, .	0.1	6
27	A fast and simple approach to the quantitative evaluation of fibrinogen coagulation. <i>Biotechnology Letters</i> , 2014, 36, 337-340.	2.2	5
28	A Boronic Acid-Based Enrichment for Site-Specific Identification of the N-glycoproteome Using MS-Based Proteomics. <i>Neuromethods</i> , 2015, , 31-41.	0.3	3
29	Enhancing the mass spectrometric identification of membrane proteins by combining chemical and enzymatic digestion methods. <i>Analytical Methods</i> , 2015, 7, 7220-7227.	2.7	2