

Weimin Xuan

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,282
citations

471509

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477307

29
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all docs

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docs citations

32
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-Specific Protein Modification with Reducing Carbohydrates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	6
2	Toward an Orthogonal Protein Lysine Acylation and Deacylation System. <i>ChemBioChem</i> , 2022, 23, e202100551.	2.6	2
3	Sirtuin-Derived Covalent Binder for the Selective Recognition of Protein Crotonylation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	4
4	Genetically encoding μ -N-benzoyllysine in proteins. <i>Chemical Communications</i> , 2021, 57, 1798-1801.	4.1	17
5	Diverse protein manipulations with genetically encoded glutamic acid benzyl ester. <i>Chemical Science</i> , 2021, 12, 9778-9785.	7.4	12
6	A General Supramolecular Approach to Regulate Protein Functions by Cucurbit[7]uril and Unnatural Amino Acid Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11196-11200.	13.8	20
7	A General Supramolecular Approach to Regulate Protein Functions by Cucurbit[7]uril and Unnatural Amino Acid Recognition. <i>Angewandte Chemie</i> , 2021, 133, 11296-11300.	2.0	0
8	Rational design of a function-based selection method for genetically encoding acylated lysine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6127-6130.	2.8	2
9	A Single Reactive Noncanonical Amino Acid Is Able to Dramatically Stabilize Protein Structure. <i>ACS Chemical Biology</i> , 2019, 14, 1150-1153.	3.4	15
10	Site-Specific Incorporation of a Thioester Containing Amino Acid into Proteins. <i>ACS Chemical Biology</i> , 2018, 13, 578-581.	3.4	23
11	Engineering Iron Responses in Mammalian Cells by Signal-Induced Protein Proximity. <i>ACS Synthetic Biology</i> , 2017, 6, 921-927.	3.8	12
12	A Strategy for Creating Organisms Dependent on Noncanonical Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9170-9173.	13.8	19
13	Genetically encoding phosphotyrosine and its nonhydrolyzable analog in bacteria. <i>Nature Chemical Biology</i> , 2017, 13, 845-849.	8.0	105
14	Protein Crosslinking by Genetically Encoded Noncanonical Amino Acids with Reactive Aryl Carbamate Side Chains. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5096-5100.	13.8	47
15	Protein Crosslinking by Genetically Encoded Noncanonical Amino Acids with Reactive Aryl Carbamate Side Chains. <i>Angewandte Chemie</i> , 2017, 129, 5178-5182.	2.0	10
16	Central role of T helper 17 cells in chronic hypoxia-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L609-L624.	2.9	59
17	Genetically Encoded Fluorescent Probe for Detecting Sirtuins in Living Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 12350-12353.	13.7	41
18	A Strategy for Creating Organisms Dependent on Noncanonical Amino Acids. <i>Angewandte Chemie</i> , 2017, 129, 9298-9301.	2.0	6

#	ARTICLE	IF	CITATIONS
19	Genetic Incorporation of a Reactive Isothiocyanate Group into Proteins. <i>Angewandte Chemie</i> , 2016, 128, 10219-10222.	2.0	21
20	Genetic Incorporation of a Reactive Isothiocyanate Group into Proteins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10065-10068.	13.8	45
21	Recombinant thiopeptides containing noncanonical amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3615-3620.	7.1	58
22	Reaction-Based "On-Off" Fluorescent Probe Enabling Detection of Endogenous Labile Fe ²⁺ and Imaging of Zn ²⁺ -induced Fe ²⁺ Flux in Living Cells and Elevated Fe ²⁺ in Ischemic Stroke. <i>Bioconjugate Chemistry</i> , 2016, 27, 302-308.	3.6	59
23	Genetic Incorporation of Îµ-N ² -Hydroxyisobutyryl-lysine into Recombinant Histones. <i>ACS Chemical Biology</i> , 2015, 10, 1599-1603.	3.4	52
24	Photo-triggered fluorescent theranostic prodrugs as DNA alkylating agents for mechlorethamine release and spatiotemporal monitoring. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6742-6748.	2.8	17
25	Constructing <i>de Novo</i> H ₂ O ₂ Signaling via Induced Protein Proximity. <i>ACS Chemical Biology</i> , 2015, 10, 1404-1410.	3.4	14
26	A FRET-based ratiometric fluorescent and colorimetric probe for the facile detection of organophosphonate nerve agent mimic DCP. <i>Chemical Communications</i> , 2013, 49, 10474.	4.1	114
27	A fluorescent probe capable of detecting H ₂ S at submicromolar concentrations in cells. <i>Chemical Communications</i> , 2012, 48, 10669.	4.1	110
28	Rational design of a ratiometric fluorescent probe with a large emission shift for the facile detection of Hg ²⁺ . <i>Chemical Communications</i> , 2012, 48, 7292.	4.1	95
29	Fluorescent Probes for the Detection of Hydrogen Sulfide in Biological Systems. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2282-2284.	13.8	273
30	Site-Specific Protein Modification with Reducing Carbohydrates. <i>Angewandte Chemie</i> , 0, , .	2.0	0
31	Sirtuin-Derived Covalent Binder for the Selective Recognition of Protein Crotonylation. <i>Angewandte Chemie</i> , 0, , .	2.0	0