

Amy M Weeks

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

742
citations

840585

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h-index

887953

17
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19
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19
docs citations

19
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox-based reagents for chemoselective methionine bioconjugation. <i>Science</i> , 2017, 355, 597-602.	6.0	353
2	Subtiligase-Catalyzed Peptide Ligation. <i>Chemical Reviews</i> , 2020, 120, 3127-3160.	23.0	81
3	Engineering peptide ligase specificity by proteomic identification of ligation sites. <i>Nature Chemical Biology</i> , 2018, 14, 50-57.	3.9	80
4	Constructing de Novo Biosynthetic Pathways for Chemical Synthesis inside Living Cells. <i>Biochemistry</i> , 2011, 50, 5404-5418.	1.2	35
5	Structural and Biochemical Studies of a Fluoroacetyl-CoA-Specific Thioesterase Reveal a Molecular Basis for Fluorine Selectivity. <i>Biochemistry</i> , 2010, 49, 9269-9279.	1.2	31
6	Catalytic control of enzymatic fluorine specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19667-19672.	3.3	27
7	Mapping proteolytic neo-N termini at the surface of living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27
8	Molecular Recognition of Fluorine Impacts Substrate Selectivity in the Fluoroacetyl-CoA Thioesterase Flk. <i>Biochemistry</i> , 2014, 53, 2053-2063.	1.2	20
9	Biochemical and Structural Characterization of the trans-Enoyl-CoA Reductase from <i>Treponema denticola</i> . <i>Biochemistry</i> , 2012, 51, 6827-6837.	1.2	19
10	Temporal and Fluoride Control of Secondary Metabolism Regulates Cellular Organofluorine Biosynthesis. <i>ACS Chemical Biology</i> , 2012, 7, 1576-1585.	1.6	18
11	N-terminal Modification of Proteins with Subtiligase Specificity Variants. <i>Current Protocols in Chemical Biology</i> , 2020, 12, e79.	1.7	13
12	Entropy drives selective fluorine recognition in the fluoroacetyl-CoA thioesterase from <i>Streptomyces cattleya</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2193-E2201.	3.3	11
13	Protein engineering for selective proteomics. <i>Current Opinion in Chemical Biology</i> , 2021, 60, 10-19.	2.8	9
14	Engineered peptide ligases for cell signaling and bioconjugation. <i>Biochemical Society Transactions</i> , 2020, 48, 1153-1165.	1.6	6
15	Hypoxia Is a Dominant Remodeler of the Effector T Cell Surface Proteome Relative to Activation and Regulatory T Cell Suppression. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100217.	2.5	5
16	Kinases leave their mark on caspase substrates. <i>Biochemical Journal</i> , 2021, 478, 3179-3184.	1.7	3
17	Spatially Resolved Tagging of Proteolytic Neo-N termini with Subtiligase-TM. <i>Journal of Membrane Biology</i> , 2021, 254, 119-125.	1.0	1
18	Mapping Cell Surface Proteolysis with Plasma Membrane-Targeted Subtiligase. <i>Methods in Molecular Biology</i> , 2022, , 71-83.	0.4	1