

Jennifer C Peeler

List of Publications by Year in descending order

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12
papers

758
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetically Encoded Tetrazine Amino Acid Directs Rapid Site-Specific <i>in Vivo</i> Bioorthogonal Ligation with <i>trans</i> -Cyclooctenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 2898-2901.	13.7	229
2	Genetically Encoded Initiator for Polymer Growth from Proteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 13575-13577.	13.7	122
3	Probing Protein Folding Using Site-Specifically Encoded Unnatural Amino Acids as FRET Donors with Tryptophan. <i>Biochemistry</i> , 2009, 48, 5953-5962.	2.5	110
4	Mutually Orthogonal Nonsense-Suppression Systems and Conjugation Chemistries for Precise Protein Labeling at up to Three Distinct Sites. <i>Journal of the American Chemical Society</i> , 2019, 141, 6204-6212.	13.7	77
5	Genetically encoded protein sulfation in mammalian cells. <i>Nature Chemical Biology</i> , 2020, 16, 379-382.	8.0	54
6	Enhancing the utility of unnatural amino acid synthetases by manipulating broad substrate specificity. <i>Molecular BioSystems</i> , 2009, 5, 1032.	2.9	50
7	Site-Specific Incorporation of Unnatural Amino Acids as Probes for Protein Conformational Changes. <i>Methods in Molecular Biology</i> , 2012, 794, 125-134.	0.9	35
8	Chemical Biology Approaches to Interrogate the Selenoproteome. <i>Accounts of Chemical Research</i> , 2019, 52, 2832-2840.	15.6	30
9	Generation of Recombinant Mammalian Selenoproteins through Genetic Code Expansion with Photocaged Selenocysteine. <i>ACS Chemical Biology</i> , 2020, 15, 1535-1540.	3.4	18
10	Isopeptide and ester bond ubiquitination both regulate degradation of the human dopamine receptor 4. <i>Journal of Biological Chemistry</i> , 2017, 292, 21623-21630.	3.4	17
11	High-Affinity Binding of Chemokine Analogs that Display Ligand Bias at the HIV-1 Coreceptor CCR5. <i>Biophysical Journal</i> , 2019, 117, 903-919.	0.5	13
12	Expression of selenoproteins via genetic code expansion in mammalian cells. <i>Methods in Enzymology</i> , 2022, 662, 143-158.	1.0	2