

John M Antos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3619071/publications.pdf>

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14
papers

1,127
citations

1040056

9
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1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Sortagging: a versatile method for protein labeling. <i>Nature Chemical Biology</i> , 2007, 3, 707-708.	8.0	494
2	Site-Specific N- and C-Terminal Labeling of a Single Polypeptide Using Sortases of Different Specificity. <i>Journal of the American Chemical Society</i> , 2009, 131, 10800-10801.	13.7	223
3	Recent advances in sortase-catalyzed ligation methodology. <i>Current Opinion in Structural Biology</i> , 2016, 38, 111-118.	5.7	127
4	Site-Specific Protein Labeling via Sortase-Mediated Transpeptidation. <i>Current Protocols in Protein Science</i> , 2009, 56, Unit 15.3.	2.8	102
5	Enhancing the efficiency of sortase-mediated ligations through nickel-peptide complex formation. <i>Chemical Communications</i> , 2015, 51, 12548-12551.	4.1	40
6	Site-Specific Protein Labeling via Sortase-Mediated Transpeptidation. <i>Current Protocols in Protein Science</i> , 2017, 89, 15.3.1-15.3.19.	2.8	40
7	Sustained Delivery of Chemokine CXCL12 from Chemically Modified Silk Hydrogels. <i>Biomacromolecules</i> , 2015, 16, 1582-1589.	5.4	28
8	Expanding the Scope of Sortase-Mediated Ligations by Using Sortase Homologues. <i>ChemBioChem</i> , 2018, 19, 185-195.	2.6	24
9	Efficient Sortase-Mediated Ligation Using a Common C-Terminal Fusion Tag. <i>Bioconjugate Chemistry</i> , 2020, 31, 1463-1473.	3.6	18
10	Sequence variation in the $\beta 27$ loop of bacterial class A sortase enzymes alters substrate selectivity. <i>Journal of Biological Chemistry</i> , 2021, 297, 100981.	3.4	13
11	Structural and biochemical analyses of selectivity determinants in chimeric <i>Streptococcus</i> Class A sortase enzymes. <i>Protein Science</i> , 2022, 31, 701-715.	7.6	7
12	Plant Villin Headpiece Domain Demonstrates a Novel Surface Charge Pattern and High Affinity for F-Actin. <i>Biochemistry</i> , 2018, 57, 1690-1701.	2.5	4
13	Comparative Analysis and Ancestral Sequence Reconstruction of Bacterial Sortase Family Proteins Generates Functional Ancestral Mutants with Different Sequence Specificities. , 2022, 1, 121-135.		4
14	Sortase-mediated segmental labeling: A method for segmental assignment of intrinsically disordered regions in proteins. <i>PLoS ONE</i> , 2021, 16, e0258531.	2.5	3