

Rajendra P Roy

List of Publications by Year in descending order

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9
papers

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citations

1478505

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1474206

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g-index

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docs citations

9
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-Sugar Ligation Catalyzed by Transpeptidase Sortase: A Facile Approach to Neoglycoconjugate Synthesis. <i>Journal of the American Chemical Society</i> , 2008, 130, 2132-2133.	13.7	103
2	Isopeptide Ligation Catalyzed by Quintessential Sortase A. <i>Journal of Biological Chemistry</i> , 2011, 286, 23996-24006.	3.4	30
3	Sorting of LPXTG Peptides by Archetypal Sortase A: Role of Invariant Substrate Residues in Modulating the Enzyme Dynamics and Conformational Signature of a Productive Substrate. <i>Biochemistry</i> , 2014, 53, 2515-2524.	2.5	19
4	A Bioorthogonal Chemoenzymatic Strategy for Defined Protein Dendrimer Assembly. <i>ChemBioChem</i> , 2012, 13, 2489-2494.	2.6	17
5	Structure and specificity of a new class of Ca ²⁺ -independent housekeeping sortase from <i>Streptomyces avermitilis</i> provide insights into its non-canonical substrate preference. <i>Journal of Biological Chemistry</i> , 2017, 292, 7244-7257.	3.4	15
6	Sortase-click strategy for defined protein conjugation on a heptavalent cyclodextrin scaffold. <i>PLoS ONE</i> , 2019, 14, e0217369.	2.5	10
7	Crystallization and preliminary X-ray diffraction studies of sortase A from <i>Streptococcus pneumoniae</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1195-1198.	0.7	5
8	Facile One-Step Assembly of Bona Fide SUMO Conjugates by Chemoenzymatic Ligation. <i>ChemBioChem</i> , 2018, 19, 1137-1141.	2.6	4
9	Interrogation of 3D-swapped structure and functional attributes of quintessential Sortase A from <i>Streptococcus pneumoniae</i> . <i>Biochemical Journal</i> , 2020, 477, 4711-4728.	3.7	2