

Jyoti Singh

List of Publications by Year in descending order

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13
papers

262
citations

933264

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1281743

11
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14
docs citations

14
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Prebiotic Catalytic Peptide Ligation Yields Proteinogenic Peptides by Intramolecular Amide Catalyzed Hydrolysis Facilitating Regioselective Lysine Ligation in Neutral Water. <i>Journal of the American Chemical Society</i> , 2022, 144, 10151-10155.	6.6	13
2	Intracellular polyphosphate length characterization in polyphosphate accumulating microorganisms (PAOs): Implications in PAO phenotypic diversity and enhanced biological phosphorus removal performance. <i>Water Research</i> , 2021, 206, 117726.	5.3	19
3	Cyclotriphosphate: A Brief History, Recent Developments, and Perspectives in Synthesis. <i>Chemistry - A European Journal</i> , 2020, 26, 2298-2308.	1.7	20
4	Development of a yeast model to study the contribution of vacuolar polyphosphate metabolism to lysine polyphosphorylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 1439-1451.	1.6	25
5	Rapid Synthesis of Nucleoside Triphosphates and Analogues. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2020, 81, e108.	0.5	0
6	Four Phosphates at One Blow: Access to Pentaphosphorylated Magic Spot Nucleotides and Their Analysis by Capillary Electrophoresis. <i>Journal of Organic Chemistry</i> , 2020, 85, 14496-14506.	1.7	15
7	Frontispiece: Cyclotriphosphate: A Brief History, Recent Developments, and Perspectives in Synthesis. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0
8	Synthesis of Modified Nucleoside Oligophosphates Simplified: Fast, Pure, and Protecting Group Free. <i>Journal of the American Chemical Society</i> , 2019, 141, 15013-15017.	6.6	29
9	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3928-3933.	7.2	23
10	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. <i>Angewandte Chemie</i> , 2019, 131, 3968-3973.	1.6	8
11	Several Polyphosphate Kinase...2 Enzymes Catalyse the Production of Adenosine 5'-Polyphosphates. <i>ChemBioChem</i> , 2019, 20, 1019-1022.	1.3	39
12	Screening a Protein Array with Synthetic Biotinylated Inorganic Polyphosphate To Define the Human PolyP-ome. <i>ACS Chemical Biology</i> , 2018, 13, 1958-1963.	1.6	49
13	Design, synthesis and biological evaluation of novel spiro[indole-pyridothiazine] analogs as antiproliferative agents. <i>RSC Advances</i> , 2014, 4, 3060-3064.	1.7	22