

Jyoti Singh

List of Publications by Year in descending order

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13
papers

262
citations

933264

10
h-index

1281743

11
g-index

14
all docs

14
docs citations

14
times ranked

281
citing authors

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