

Atchutarao Pathigoolla

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11844184/publications.pdf>

Version: 2024-02-01

8
papers

425
citations

933447

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Topochemical Click Reaction: Spontaneous Self-Stitching of a Monosaccharide to Linear Oligomers through Lattice-Controlled Azide-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4362-4366.	13.8	74
2	A Crystal-to-Crystal Synthesis of Triazolyl-Linked Polysaccharide. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8671-8675.	13.8	70
3	A versatile solvent-free azide-alkyne click reaction catalyzed by in situ generated copper nanoparticles. <i>Applied Catalysis A: General</i> , 2013, 453, 151-158.	4.3	67
4	Synthesis of Triazole-Linked Homonucleoside Polymers through Topochemical Azide-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9522-9525.	13.8	63
5	Sulfonylative and Azidosulfonylative Cyclizations by Visible-Light-Photosensitization of Sulfonyl Azides in THF. <i>Chemistry - A European Journal</i> , 2017, 23, 17598-17604.	3.3	44
6	Reverse-CD mimics with flexible linkages offer adaptable cavity sizes for guest encapsulation. <i>Chemical Communications</i> , 2014, 50, 317-319.	4.1	16
7	The topochemical synthesis of triazole-linked homobasic DNA. <i>Chemical Communications</i> , 2016, 52, 886-888.	4.1	15
8	Azide-Alkyne Interactions: A Crucial Attractive Force for Their Preorganization for Topochemical Cycloaddition Reaction. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	11