

Rina Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

161
citations

1478505

6
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Coumarin based colorimetric and fluorescence on-off chemosensor for Fâ ⁺ , CNâ ⁺ and Cu ²⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 69-78.	3.9	33
2	FeCl ₃ mediated arylidenation of carbohydrates. <i>Carbohydrate Research</i> , 2011, 346, 534-539.	2.3	21
3	Trichloroisocyanuric acid (TCCA): an efficient green reagent for activation of thioglycosides toward hydrolysis. <i>Carbohydrate Research</i> , 2013, 369, 10-13.	2.3	21
4	Iron(iii) chloride modulated selective 1,2-trans glycosylation based on glycosyl trichloroacetimidate donors and its application in orthogonal glycosylation. <i>RSC Advances</i> , 2016, 6, 105589-105606.	3.6	17
5	Synthetic Routes toward Acidic Pentasaccharide Related to the <i>O</i>-Antigen of <i>E. coli</i> 120 Using One-Pot Sequential Glycosylation Reactions. <i>Journal of Organic Chemistry</i> , 2017, 82, 5751-5760.	3.2	14
6	Recent Advances in Stereoselective Chemical O-Glycosylation Reactions. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	13
7	Efficient one-pot per-O-acetylationâ€“thioglycosidation of native sugars, 4,6-O-arylidene and one-pot 4,6-O-benzylideneâ€“acetylation of S-/O-glycosides catalyzed by Mg(OTf) ₂ . <i>RSC Advances</i> , 2016, 6, 109301-109314.	3.6	10
8	Synthetic routes toward the trisaccharide related to the lipopolysaccharide of Burkholderia sp. HKI-402 (B4). <i>RSC Advances</i> , 2014, 4, 54084-54090.	3.6	6
9	Synthetic avenues towards a tetrasaccharide related to <i>Streptococcus pneumonia</i> of serotype 6A. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1095-1102.	2.2	6
10	One-pot construction of carbohydrate scaffolds mediated by metal catalysts. <i>RSC Advances</i> , 2020, 10, 32450-32475.	3.6	6
11	Metal ion sensing ability and photo-physical properties of 4-hydroxy-3-nitroso-2H-chromen-2-one: Interaction studies with calf thymus-DNA. <i>Journal of Luminescence</i> , 2019, 206, 474-485.	3.1	5
12	A metal free mild and green approach for tandem opening of 4,6-O-benzylidene acetals to their corresponding 6-O-acetyl derivatives: Application in the synthesis of a trisaccharide using one-pot glycosylation reactions. <i>Carbohydrate Research</i> , 2019, 476, 36-43.	2.3	4
13	Synthesis, crystal structure and metal ion sensing ability of novel 4-amino-3-nitroso-2H-chromen-2-one: Interaction studies with calf thymus-DNA. <i>Journal of Molecular Structure</i> , 2022, 1264, 133334.	3.6	3
14	Recent chemical syntheses of bacteria related oligosaccharides using modern expeditious approaches. <i>Carbohydrate Research</i> , 2021, 507, 108295.	2.3	2