

Rina Ghosh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Recent chemical syntheses of bacteria related oligosaccharides using modern expeditious approaches. <i>Carbohydrate Research</i> , 2021, 507, 108295.	2.3	2
3	One-pot construction of carbohydrate scaffolds mediated by metal catalysts. <i>RSC Advances</i> , 2020, 10, 32450-32475.	3.6	6
4	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
5	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
6	Coumarin based colorimetric and fluorescence on-off chemosensor for Fa^{2+} , CN^{3-} and Cu^{2+} ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 69-78.	3.9	33
7	Synthetic avenues towards a tetrasaccharide related to <i>Streptococcus pneumoniae</i> of serotype 6A. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1095-1102.	2.2	6
8	Synthetic Routes toward Acidic Pentasaccharide Related to the O -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
9	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
10	Efficient one-pot per-O-acetylation <thi>glycosidation of native sugars, 4,6-O-arylidene and one-pot 4,6-O-benzylideneacetylation of S-/O-glycosides catalyzed by $Mg(OTf)_2$. <i>RSC Advances</i>, 2016, 6, 109301-109314.</thi>	3.6	10
11	Synthetic routes toward the trisaccharide related to the lipopolysaccharide of <i>Burkholderia</i> sp. HKI-402 (B4). <i>RSC Advances</i> , 2014, 4, 54084-54090.	3.6	6
12	Trichloroisocyanuric acid (TCCA): an efficient green reagent for activation of thioglycosides toward hydrolysis. <i>Carbohydrate Research</i> , 2013, 369, 10-13.	2.3	21
13	$FeCl_3$ mediated arylideneation of carbohydrates. <i>Carbohydrate Research</i> , 2011, 346, 534-539.	2.3	21
14	Recent Advances in Stereoselective Chemical O-Glycosylation Reactions. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	13