

Rajat Subhra Giri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ethyl 2-((tert-butoxycarbonyloxyimino)acetyl)cyanoacetate (Boc-Oxyma): An Efficient Reagent for the Racemization Free Synthesis of Ureas, Carbamates and Thiocarbamates via Lossen Rearrangement. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 168-176.	4.3	18
2	Boc-Val-Val-OMe (A^{239}) and Boc-Ile-Ala-OMe (A^{41}) crystallize in a parallel β -sheet arrangement but generate a different morphology. <i>CrystEngComm</i> , 2018, 20, 4441-4448.	2.6	16
3	A Synthetic Pro-Drug Peptide Reverses Amyloid- β -Induced Toxicity in the Rat Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 499-512.	2.6	10
4	FeCl ₃ -Mediated Boc Deprotection: Mild Facile Boc-Chemistry in Solution and on Resin. <i>ChemistrySelect</i> , 2020, 5, 2050-2056.	1.5	10
5	Formation of supramolecular single and double helix-like structures from designed tripeptides. <i>CrystEngComm</i> , 2019, 21, 5618-5625.	2.6	9
6	Nanostructures from protected L/L and D/L amino acid containing dipeptides. <i>Peptide Science</i> , 2021, 113, e24176.	1.8	9
7	Racemization free longer N-terminal peptide hydroxamate synthesis on solid support using ethyl 2-((tert-butoxycarbonyloxyimino)-2-cyanoacetate. <i>Tetrahedron Letters</i> , 2015, 56, 6108-6111.	1.4	8
8	Role of side-chain and chirality of the amino acids on the supramolecular assemblies of dipeptides. <i>Journal of Molecular Structure</i> , 2020, 1221, 128877.	3.6	8
9	FeCl ₃ -Mediated Side Chain Modification of Aspartic Acid- and Glutamic Acid-Containing Peptides on a Solid Support. <i>ACS Omega</i> , 2017, 2, 6586-6597.	3.5	7
10	Unique crystallographic signatures of Boc-Gly-Phe-Phe-OMe and Boc-Gly-Phe-Phe-OMe and their self-association. <i>CrystEngComm</i> , 2019, 21, 236-243.	2.6	7
11	Supramolecular helical self-assembly of small peptides. <i>CrystEngComm</i> , 2021, 24, 10-32.	2.6	7
12	Synthesis of α -Amino Alcohols Using Ethyl 2-((2-nitrobenzenesulfonyloxyimino)acetate (o-NosylOXY). <i>ChemistrySelect</i> , 2018, 3, 992-996.	1.5	5
13	Crystal structure and supramolecular arrangement of heterochiral tripeptides. <i>Peptide Science</i> , 2021, 113, e24229.	1.8	4
14	Ethyl 2-((2-nitrophenylsulfonyloximino)acetate (ortho-NosylOXY) Mediated One-Pot Racemization Free Synthesis of Ureas, Carbamates, and Thiocarbamates via Curtius Rearrangement. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1523-1529.	2.7	3
15	Protecting Group-Directed Diversity in the Morphology of Self-Assembled Ant-Aib Dipeptides: Garland-Like Architecture and Nanovesicle Formation. <i>ACS Applied Bio Materials</i> , 2021, 4, 8343-8355.	4.6	3
16	Crystal structure of 1-(2,4,6-trichlorobenzoyloxy) benzotriazole (TCB-OBt): observation of uncommon intermolecular oxygen-oxygen interaction and synthetic application in amidation. <i>New Journal of Chemistry</i> , 2021, 45, 19804-19811.	2.8	1
17	Versatility in self-assembly and morphology of non-coded anthranilic acid and phenylglycine based dipeptide stereoisomers. <i>CrystEngComm</i> , 2022, 24, 3778-3790.	2.6	1