

Rajat Subhra Giri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Nanostructures from protected L/L and D/L amino acid containing dipeptides. <i>Peptide Science</i> , 2021, 113, e24176.	1.8	9
3	Crystal structure and supramolecular arrangement of heterochiral tripeptides. <i>Peptide Science</i> , 2021, 113, e24229.	1.8	4
4	Ethyl 2-cyano-2-(2-nitrophenylsulfonyloximino)acetate (<i>ortho</i> - <i>N</i> -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
5	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
6	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
7	Supramolecular helical self-assembly of small peptides. <i>CrystEngComm</i> , 2021, 24, 10-32.	2.6	7
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 Boc Deprotection: Mild Facile Boc-Chemistry in Solution and on Resin. <i>ChemistrySelect</i> , 2020, 5, 2050-2056.	1.5	10
10	Formation of supramolecular single and double helix-like structures from designed tripeptides. <i>CrystEngComm</i> , 2019, 21, 5618-5625.	2.6	9
11	Unique crystallographic signatures of Boc-Gly-Phe-Phe-OMe and Boc-Gly-Phg-Phe-OMe and their self-association. <i>CrystEngComm</i> , 2019, 21, 236-243.	2.6	7
12	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
13	Synthesis of β -Amino Alcohols Using Ethyl 2-cyano-2-(2-nitrobenzenesulfonyloxyimino)acetate (<i>ortho</i> - <i>N</i> -NosylOXY). <i>ChemistrySelect</i> , 2018, 3, 992-996.	1.5	5
14	Boc-Val-Val-OMe (β -sheet ₃₉) and Boc-Ile-Ala-OMe (β -sheet ₄₁) crystallize in a parallel β -sheet arrangement but generate a different morphology. <i>CrystEngComm</i> , 2018, 20, 4441-4448.	2.6	16
15	Ethyl 2-(<i>tert</i> -butoxycarbonyloxyimino)-2-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
16	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
17	Racemization free longer N-terminal peptide hydroxamate synthesis on solid support using ethyl 2-(<i>tert</i> -butoxycarbonyloxyimino)-2-cyanoacetate. <i>Tetrahedron Letters</i> , 2015, 56, 6108-6111.	1.4	8