Anupam Bandyopadhyay

List of Publications by Year
in descending order

28	1,056	430874 18	501196 28
papers	citations	h-index	g-index

34	34	34	1449
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Boronic acid based dynamic click chemistry: recent advances and emergent applications. Chemical Science, 2021, 12, 1585-1599.	7.4	50
2	A periodic development of BPA and BSH based derivatives in boron neutron capture therapy (BNCT). Chemical Communications, 2021, 57, 827-839.	4.1	29
3	An explicitly designed paratope of amyloid-Î² prevents neuronal apoptosis in vitro and hippocampal damage in rat brain. Chemical Science, 2021, 12, 2853-2862.	7.4	7
4	Site-Selective, Chemical Modification of Protein at Aromatic Side Chain and Their Emergent Applications. Protein and Peptide Letters, 2021, 28, 788-808.	0.9	4
5	The modern role of boron as a â€˜magic elementâ€™ in biomedical science: chemistry perspective. Chemical Communications, 2021, 57, 13629-13640.	4.1	25
6	In-solution enrichment identifies peptide inhibitors of proteinâ€“protein interactions. Nature Chemical Biology, 2019, 15, 410-418.	8.0	58
7	Radiolabeled Cationic Peptides for Targeted Imaging of Infection. Contrast Media and Molecular Imaging, 2019, 2019, 1-11.	0.8	7
8	Xenoprotein engineering via synthetic libraries. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5298-E5306.	7.1	36
9	Fast Diazaborine Formation of Semicarbazide Enables Facile Labeling of Bacterial Pathogens. Journal of the American Chemical Society, 2017, 139, 871-878.	13.7	65
10	Fluorogenic diazaborine formation of semicarbazide with designed coumarin derivatives. Chemical Communications, 2017, 53, 12532-12535.	4.1	28
11	Helices with additional Hâ€bonds: crystallographic conformations of Î±,Î³â€hybrid peptides helices composed of Î²â€hydroxy Î³â€amino acids (statines). Biopolymers, 2017, 108, e22978.	2.4	3
12	Fast and selective labeling of N-terminal cysteines at neutral pH via thiazolidino boronate formation. Chemical Science, 2016, 7, 4589-4593.	7.4	118
13	Structural features and molecular aggregations of designed triple-stranded Î²-sheets in single crystals. Chemical Communications, 2016, 52, 4938-4941.	4.1	14
14	Targeting biomolecules with reversible covalent chemistry. Current Opinion in Chemical Biology, 2016, 34, 110-116.	6.1	100
15	Iminoboronate-Based Peptide Cyclization That Responds to pH, Oxidation, and Small Molecule Modulators. Journal of the American Chemical Society, 2016, 138, 2098-2101.	13.7	106
16	Iminoboronate Formation Leads to Fast and Reversible Conjugation Chemistry of Î±â€Nucleophiles at Neutral pH. Chemistry - A European Journal, 2015, 21, 14748-14752.	3.3	62
17	Targeting bacteria via iminoboronate chemistry of amine-presenting lipids. Nature Communications, 2015, 6, 6561.	12.8	77
18	The Association of the Vanin-1 N131S Variant with Blood Pressure Is Mediated by Endoplasmic Reticulum-Associated Degradation and Loss of Function. PLoS Genetics, 2014, 10, e1004641.	3.5	16

#	Article	IF	Citations
19	Exploring Î²-Hydroxy Î³-Amino Acids (Statines) in the Design of Hybrid Peptide Foldamers. Organic Letters, 2014, 16, 294-297.	4.6	23
20	Protein secondary structure mimetics: crystal conformations of Î±/Î³⁴-hybrid peptide12-helices with proteinogenic side chains and their analogy with Î±- and Î²-peptide helices. Organic and Biomolecular Chemistry, 2013, 11, 509-514.	2.8	38
21	Hybrid Peptides: Direct Transformation of Î±/Î±, Î²-Unsaturated Î³-Hybrid Peptides to Î±/Î³-Hybrid Peptide 12-Helices. Organic Letters, 2012, 14, 2770-2773.	4.6	40
22	Î±/Î³4-Hybrid peptide helices: synthesis, crystal conformations and analogy with the Î±-helix. Chemical Communications, 2012, 48, 7170.	4.1	37
23	Thiazoleâ€“Carbonyl Interactions: A Case Study Using Phenylalanine Thiazole Cyclic Tripeptides. Crystal Growth and Design, 2012, 12, 5643-5648.	3.0	13
24	Synthesis of Î±, Î²-unsaturated Î³-amino esters with unprecedented high (E)-stereoselectivity and their conformational analysis in peptides. Organic and Biomolecular Chemistry, 2011, 9, 6566.	2.8	34
25	Synthesis and Structural Investigations of Functionalizable Hybrid Î²-Hairpin. Organic Letters, 2011, 13, 4482-4485.	4.6	17
26	A facile transformation of amino acids to functionalized coumarins. Organic and Biomolecular Chemistry, 2011, 9, 8089.	2.8	11
27	A facile synthesis and crystallographic analysis of N-protected Î²-amino alcohols and short peptaibols. Organic and Biomolecular Chemistry, 2011, 9, 4182.	2.8	7
28	Tin(ii) chloride assisted synthesis of N-protected Î³-amino Î²-keto esters through semipinacol rearrangement. Organic and Biomolecular Chemistry, 2010, 8, 4855.	2.8	29