Panchami Prabhakaran

List of Publications by Year
in descending order

23	693	516561 16	642610 23
papers	citations	h-index	g-index

25	25	25	781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diversifying the structural architecture of synthetic oligomers: the hetero foldamer approach. Chemical Communications, 2011, 47, 11593.	2.2	112
2	Sequence-Specific Unusual (1â†'2)-Type Helical Turns in Î±/Î²-Hybrid Peptides. Journal of the American Chemical Society, 2008, 130, 17743-17754.	6.6	74
3	Smart Vaults: Thermally-Responsive Protein Nanocapsules. ACS Nano, 2013, 7, 867-874.	7.3	59
4	Single helically folded aromatic oligoamides that mimic the charge surface of double-stranded B-DNA. Nature Chemistry, 2018, 10, 511-518.	6.6	56
5	Foldamers: Theyâ€™re Not Just for Biomedical Applications Anymore. Angewandte Chemie - International Edition, 2012, 51, 4006-4008.	7.2	49
6	2-O-Alkylated para-benzamide Î±-helix mimetics: the role of scaffold curvature. Organic and Biomolecular Chemistry, 2012, 10, 6469.	1.5	46
7	Solidâ€Phase Methodology for Synthesis of Oâ€Alkylated Aromatic Oligoamide Inhibitors of Î±â€Helixâ€Mediated Proteinâ€“Protein Interactions. Chemistry - A European Journal, 2013, 19, 5546-5550.	1.7	37
8	Preorganizing Linear (Self-Complementary) Quadruple Hydrogen-Bonding Arrays Using Intramolecular Hydrogen Bonding as the Sole Force. Journal of Organic Chemistry, 2005, 70, 10067-10072.	1.7	34
9	Orthogonal functionalisation of Î±-helix mimetics. Organic and Biomolecular Chemistry, 2014, 12, 6794-6799.	1.5	24
10	Aromatic Oligoamide Foldamers with a â€œWet Edgeâ€• as Inhibitors of the Î±â€Helixâ€Mediated p53â€“hDM2 Proteinâ€“Protein Interaction. European Journal of Organic Chemistry, 2013, 2013, 3504-3512.	1.2	23
11	Novel foldamer structural architecture from cofacial aromatic building blocks. Chemical Communications, 2009, , 3446.	2.2	22
12	The Antâ€Pro Reverseâ€Turn Motif. Structural Features and Conformational Characteristics. European Journal of Organic Chemistry, 2013, 2013, 3529-3542.	1.2	22
13	Conformationally rigid aromatic amino acids as potential building blocks for abiotic foldamers. Organic and Biomolecular Chemistry, 2011, 9, 367-369.	1.5	21
14	Conformational properties of O-alkylated benzamides. Tetrahedron, 2012, 68, 4485-4491.	1.0	21
15	Ester vs. amide on folding: a case study with a 2-residue synthetic peptide. Organic and Biomolecular Chemistry, 2013, 11, 8348.	1.5	17
16	Synthesis of highly functionalized oligobenzamide proteomimetic foldamers by late stage introduction of sensitive groups. Organic and Biomolecular Chemistry, 2016, 14, 3782-3786.	1.5	17
17	Carboxylate-functionalized foldamer inhibitors of HIV-1 integrase and Topoisomerase 1: artificial analogues of DNA mimic proteins. Nucleic Acids Research, 2019, 47, 5511-5521.	6.5	15
18	Control of conformation in Î±-helix mimicking aromatic oligoamide foldamers through interactions between adjacent side-chains. Organic and Biomolecular Chemistry, 2019, 17, 3861-3867.	1.5	11

#	Article	IF	Citations
19	N,Nâ€²,Nâ€³-Tri-Boc-guanidine (TBG): a common starting material for both N-alkyl guanidines and amidinoureas. Tetrahedron Letters, 2007, 48, 1725-1727.	0.7	8
20	Polymorphism of (Z)-3-Bromopropenoic Acid: A High and Low Zâ€² Pair. Crystal Growth and Design, 2016, 16, 4021-4025.	1.4	7
21	Sterically controlled naphthalene homo-oligoamides with novel structural architectures. Organic and Biomolecular Chemistry, 2009, 7, 2458.	1.5	4
22	Aggregation-induced emission materials for protein fibrils imaging. Progress in Molecular Biology and Translational Science, 2021, 185, 113-136.	0.9	3
23	1,8-Bis(4-methoxy-3-nitrophenyl)naphthalene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2630-o2630.	0.2	0