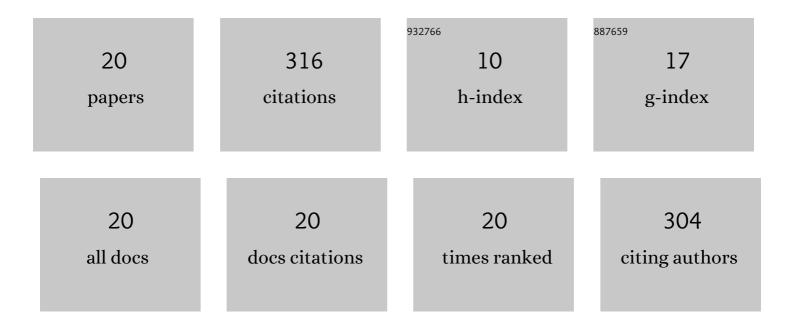
Soumendra Rana

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Crystal Structures of Pyridine Sulfonamides and Sulfonic Acids. Crystal Growth and Design, 2012, 12, 4567-4573.	1.4	43
2	Stereospecific peptide folds. A rationally designed molecular bracelet. Chemical Communications, 2004, , 2462.	2.2	29
3	A small peptide stereochemically customized as a globular fold with a molecular cleft. Chemical Communications, 2005, , 207.	2.2	29
4	Determinants of the specificity of proteaseâ€activated receptors 1 and 2 signaling by factor Xa and thrombin. Journal of Cellular Biochemistry, 2012, 113, 977-984.	1.2	22
5	A mixedâ€Î±,β miniprotein stereochemically reprogrammed to highâ€binding affinity for acetylcholine. Biopolymers, 2007, 87, 231-243.	1.2	21
6	Third Extracellular Loop (EC3)-N Terminus Interaction Is Important for Seven-transmembrane Domain Receptor Function. Journal of Biological Chemistry, 2010, 285, 31472-31483.	1.6	20
7	A double catgrip mixed I and d mini protein only 20 residues long. Bioorganic and Medicinal Chemistry, 2007, 15, 3874-3882.	1.4	18
8	The Model Structures of the Complement Component 5a Receptor (C5aR) Bound to the Native and Engineered hC5a. Scientific Reports, 2018, 8, 2955.	1.6	17
9	A rational search for discovering potential neutraligands of human complement fragment 5a (hC5a). Bioorganic and Medicinal Chemistry, 2019, 27, 115052.	1.4	16
10	Model structures of inactive and peptide agonist bound C5aR: Insights into agonist binding, selectivity and activation. Biochemistry and Biophysics Reports, 2015, 1, 85-96.	0.7	14
11	Binding of raloxifene to human complement fragment 5a (^h C5a): a perspective on cytokine storm and COVID19. Journal of Biomolecular Structure and Dynamics, 2022, 40, 982-994.	2.0	11
12	Resveratrol binding to human complement fragment 5a (^h C5a) may modulate the C5aR signaling axes. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1766-1780.	2.0	11
13	The role of human C5a as a non-genomic target in corticosteroid therapy for management of severe COVID19. Computational Biology and Chemistry, 2021, 92, 107482.	1.1	11
14	Interaction of Human C5a with the Major Peptide Fragments of C5aR1: Direct Evidence in Support of "Two-Site―Binding Paradigm. ACS Omega, 2021, 6, 22876-22887.	1.6	11
15	Computational design of proteins stereochemically optimized in size, stability, and folding speed. Biopolymers, 2006, 83, 122-134.	1.2	10
16	Structural complexes of the agonist, inverse agonist and antagonist bound C5a receptor: insights into pharmacology and signaling. Molecular BioSystems, 2016, 12, 1586-1599.	2.9	10
17	Allosterism in human complement component 5a (^h C5a): a damper of C5a receptor (C5aR) signaling. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1201-1213.	2.0	10
18	Solidâ€State Form Screen of Cardiosulfa and Its Analogues. Chemistry - an Asian Journal, 2013, 8, 1551-1568.	1.7	7

#	Article	IF	CITATIONS
19	Deciphering the conformational landscape of few selected aromatic noncoded amino acids (NCAAs) for applications in rational design of peptide therapeutics. Amino Acids, 2022, 54, 1183-1202.	1.2	6
20	De novo Design of Peptide Folds of Stereochemically Rationalized Molecular Architecture. , 2006, , 643-644.		0