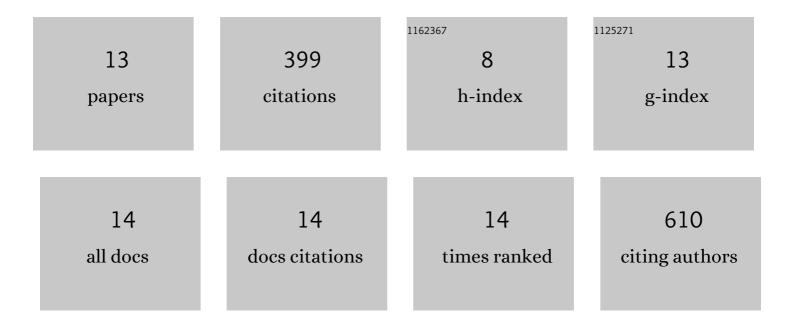
Upayan Baul

List of Publications by Year in descending order

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Πραγάνι Βάιμ

#	Article	IF	CITATIONS
1	Sequence Effects on Size, Shape, and Structural Heterogeneity in Intrinsically Disordered Proteins. Journal of Physical Chemistry B, 2019, 123, 3462-3474.	1.2	125
2	Synergy between intrinsically disordered domains and structured proteins amplifies membrane curvature sensing. Nature Communications, 2018, 9, 4152.	5.8	102
3	Isosteric substitution in cationic-amphiphilic polymers reveals an important role for hydrogen bonding in bacterial membrane interactions. Chemical Science, 2016, 7, 4613-4623.	3.7	57
4	Interaction of multiple biomimetic antimicrobial polymers with model bacterial membranes. Journal of Chemical Physics, 2014, 141, 084902.	1.2	39
5	Influence of lipid composition of model membranes on methacrylate antimicrobial polymer–membrane interactions. Soft Matter, 2017, 13, 7665-7676.	1.2	15
6	Ion hydration and associated defects in hydrogen bond network of water: Observation of reorientationally slow water molecules beyond first hydration shell in aqueous solutions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MgCl</mml:mi><mml:msub><mm></mm><mml:mn>2/mml:msub></mml:mn></mml:msub></mml:mrow></mml:math> <mml:mn>2</mml:mn> 2 <mml:math></mml:math> <mml:math></mml:math> <mml:math></mml:math> <mml:msub></mml:msub>	0.8 I:mrow	14
7	Thermal Compaction of Disordered and Elastin-like Polypeptides: A Temperature-Dependent, Sequence-Specific Coarse-Grained Simulation Model. Biomacromolecules, 2020, 21, 3523-3538.	2.6	12
8	Structure and dynamics of responsive colloids with dynamical polydispersity. Journal of Physics Condensed Matter, 2021, 33, 174002.	0.7	11
9	Aggregation dynamics of charged peptides in water: Effect of salt concentration. Journal of Chemical Physics, 2019, 151, 074901.	1.2	7
10	Effect of simple solutes on the long range dipolar correlations in liquid water. Journal of Chemical Physics, 2016, 144, 104502.	1.2	6
11	Modulating internal transition kinetics of responsive macromolecules by collective crowding. Journal of Chemical Physics, 2021, 155, 244902.	1.2	5
12	Membrane-Bound Conformations of Antimicrobial Agents and Their Modes of Action. Behavior Research Methods, 2015, 22, 97-128.	2.3	3
13	Controlling solvent quality by time: Self-avoiding sprints in nonequilibrium polymerization. Physical Review E, 2021, 104, 034501.	0.8	1