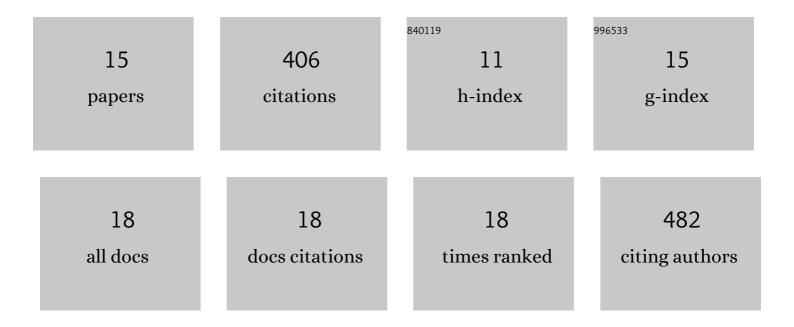
Davood Norouzi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Topological polymorphism of nucleosome fibers and folding of chromatin. Biophysical Journal, 2021, 120, 577-585.	0.2	11
2	Multi-contact 3C reveals that the human genome during interphase is largely not entangled. Nature Structural and Molecular Biology, 2020, 27, 1105-1114.	3.6	59
3	Nucleosome spacing periodically modulates nucleosome chain folding and DNA topology in circular nucleosome arrays. Journal of Biological Chemistry, 2019, 294, 4233-4246.	1.6	26
4	Dynamics of Chromatin Fibers: Comparison of Monte Carlo Simulations with Force Spectroscopy. Biophysical Journal, 2018, 115, 1644-1655.	0.2	34
5	Revisit of Reconstituted 30-nm Nucleosome Arrays Reveals an Ensemble of Dynamic Structures. Journal of Molecular Biology, 2018, 430, 3093-3110.	2.0	42
6	DNA topology in chromatin is defined by nucleosome spacing. Science Advances, 2017, 3, e1700957.	4.7	36
7	Regulation of chromatin folding by conformational variations of nucleosome linker DNA. Nucleic Acids Research, 2017, 45, 9372-9387.	6.5	22
8	Interaction of hemin with quadruplex DNA. Journal of Biological Physics, 2017, 43, 5-14.	0.7	21
9	Investigating actinomycin D binding to G-quadruplex, i-motif and double-stranded DNA in 27-nt segment of c-MYC gene promoter. Materials Science and Engineering C, 2016, 58, 1188-1193.	3.8	9
10	Topological Polymorphism of the Two-Start Chromatin Fiber. Biophysical Journal, 2015, 108, 2591-2600.	0.2	42
11	Topological diversity of chromatin fibers: Interplay between nucleosome repeat length, DNA linking number and the level of transcription. AIMS Biophysics, 2015, 2, 613-629.	0.3	21
12	DNA conformation and energy in nucleosome core: a theoretical approach. Journal of Biomolecular Structure and Dynamics, 2014, 32, 104-114.	2.0	7
13	Distribution of counterions and interaction between two similarly charged dielectric slabs: Roles of charge discreteness and dielectric inhomogeneity. Physical Review E, 2012, 85, 061925.	0.8	12
14	Effect of Bending Anisotropy on the 3D Conformation of Short DNA Loops. Physical Review Letters, 2008, 101, 168103.	2.9	21
15	How to determine local elastic properties of lipid bilayer membranes from atomic-force-microscope measurements: A theoretical analysis. Physical Review E, 2006, 74, 061914.	0.8	39