

Greg Morrison

List of Publications by Year in descending order

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27
papers

883
citations

623734

14
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Perspectives on Protein Folding. Annual Review of Biophysics, 2010, 39, 159-183.	10.0	183
2	Kinetics of Loop Formation in Polymer Chains. Journal of Physical Chemistry B, 2008, 112, 6094-6106.	2.6	108
3	How accurate are polymer models in the analysis of Förster resonance energy transfer experiments on proteins?. Journal of Chemical Physics, 2009, 130, 124903.	3.0	89
4	Force-dependent hopping rates of RNA hairpins can be estimated from accurate measurement of the folding landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9604-9609.	7.1	74
5	Semiflexible chains in confined spaces. Physical Review E, 2009, 79, 011924.	2.1	62
6	Refolding dynamics of stretched biopolymers upon force quench. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20288-20293.	7.1	46
7	On Economic Complexity and the Fitness of Nations. Scientific Reports, 2017, 7, 15332.	3.3	44
8	The shape of a flexible polymer in a cylindrical pore. Journal of Chemical Physics, 2005, 122, 194907.	3.0	41
9	Stretching Homopolymers. Macromolecules, 2007, 40, 7343-7353.	4.8	39
10	Aging in complex interdependency networks. Physical Review E, 2014, 89, 022811.	2.1	34
11	Compaction and Tensile Forces Determine the Accuracy of Folding Landscape Parameters from Single Molecule Pulling Experiments. Physical Review Letters, 2011, 106, 138102.	7.8	33
12	Disambiguation of patent inventors and assignees using high-resolution geolocation data. Scientific Data, 2017, 4, 170064.	5.3	30
13	Infochemistry: Encoding Information as Optical Pulses Using Droplets in a Microfluidic Device. Journal of the American Chemical Society, 2009, 131, 12420-12429.	13.7	27
14	Role of Internal Chain Dynamics on the Rupture Kinetic of Adhesive Contacts. Physical Review Letters, 2008, 100, 248102.	7.8	20
15	Discovering Communities through Friendship. PLoS ONE, 2012, 7, e38704.	2.5	13
16	Border sensitive centrality in global patent citation networks. Journal of Complex Networks, 2014, 2, 518-536.	1.8	8
17	The similarity of global value chains: A network-based measure. Network Science, 2018, 6, 607-632.	1.0	8
18	Asymmetric network connectivity using weighted harmonic averages. Europhysics Letters, 2011, 93, 40002.	2.0	6

#	ARTICLE	IF	CITATIONS
19	Insights from graph theory on the morphologies of actomyosin networks with multilinkers. Physical Review E, 2020, 102, 062420.	2.1	6
20	New Encoding Schemes with Infofuses. Advanced Materials, 2011, 23, 4851-4856.	21.0	5
21	Effects of Protein Crowders and Charge on the Folding of Superoxide Dismutase 1 Variants: A Computational Study. Journal of Physical Chemistry B, 2022, 126, 4458-4471.	2.6	4
22	Modeling Networks with a Growing Feature-Structure. Interdisciplinary Information Sciences, 2017, 23, 127-144.	0.4	2
23	The Conformations of Confined Polymers in an External Potential. Biophysical Journal, 2017, 112, 474a.	0.5	1
24	Robust error correction in infofuses. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 361-377.	2.1	0
25	Border Sensitive Centralities in Patent Citation Networks Using Asymmetric Random Walks. , 2013, , .		0
26	Disambiguation of Patent Inventors and Assignees Using High-Resolution Geolocation Data. SSRN Electronic Journal, 0, , .	0.4	0
27	Generalized Erdős numbers for network analysis. Royal Society Open Science, 2018, 5, 172281.	2.4	0