Jessica A Nash

List of Publications by Year
in descending order

13	269	1163117	1281871
papers	citations	8	11
		h-index	g-index

15	15	15	672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Building capacity for undergraduate education and training in computational molecular science: A collaboration between the MERCURY consortium and the Molecular Sciences Software Institute. International Journal of Quantum Chemistry, 2020, 120, e26359.	2.0	9
2	ELECTRIC: Electric fields Leveraged from multipole Expansion Calculations in Tinker Rapid Interface Code. Journal of Open Source Software, 2020, 5, 2576.	4.6	9
3	Perspective: Computational chemistry software and its advancement as illustrated through three grand challenge cases for molecular science. Journal of Chemical Physics, 2018, 149, 180901.	3.0	72
4	Search for effective chemical quenching to arrest molecular assembly and directly monitor DNA nanostructure formation. Nanoscale, 2017, 9, 1637-1644.	5.6	8
5	Advances in Molecular Modeling of Nanoparticleâ€"Nucleic Acid Interfaces. Bioconjugate Chemistry, 2017, 28, 3-10.	3.6	25
6	Design of Potent and Controllable Anticoagulants Using DNA Aptamers and Nanostructures. Molecules, 2016, 21, 202.	3.8	18
7	Binding of single stranded nucleic acids to cationic ligand functionalized gold nanoparticles. Biointerphases, 2016, 11, 04B305.	1.6	13
8	Competitive annealing of multiple DNA origami: formation of chimeric origami. New Journal of Physics, 2016, 18, 115001.	2.9	15
9	Characterization of Nucleic Acid Compaction with Histone-Mimic Nanoparticles through All-Atom Molecular Dynamics. ACS Nano, 2015, 9, 12374-12382.	14.6	28
10	Progress in molecular modelling of DNA materials. Molecular Simulation, 2014, 40, 777-783.	2.0	17
11	Properties of DNA. , 2014, , 1125-1157.		5
12	Nitric Oxide-Releasing Electrospun Polymer Microfibers. ACS Applied Materials & Interfaces, 2011, 3, 426-432.	8.0	47
13	Coding, Software Engineering, and Molecular Science â̂' Teaching a Multidisciplinary Course to Chemistry Graduate Students. ACS Symposium Series, 0, , 159-171.	0.5	3