Asem A Alenaizan

List of Publications by Year
in descending order

11	682	1039880 9	1281743 11
papers	citations	h-index	g-index

13	13	13	691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Noncovalent Helicene Structure between Nucleic Acids and Cyanuric Acid. Chemistry - A European Journal, 2021, 27, 4043-4052.	1.7	14
2	X-ray Fiber Diffraction and Computational Analyses of Stacked Hexads in Supramolecular Polymers: Insight into Self-Assembly in Water by Prospective Prebiotic Nucleobases. Journal of the American Chemical Society, 2021, 143, 6079-6094.	6.6	13
3	The proto-Nucleic Acid Builder: a software tool for constructing nucleic acid analogs. Nucleic Acids Research, 2021, 49, 79-89.	6.5	10
4	Tuning DNA Supramolecular Polymers by the Addition of Small, Functionalized Nucleobase Mimics. Journal of the American Chemical Society, 2021, 143, 19824-19833.	6.6	10
5	Quantum Chemistry Common Driver and Databases (QCDB) and Quantum Chemistry Engine (QCE<scp>ngine</scp>): Automation and interoperability among computational chemistry programs. Journal of Chemical Physics, 2021, 155, 204801.	1.2	15
6	Python implementation of the restrained electrostatic potential charge model. International Journal of Quantum Chemistry, 2020, 120, e26035.	1.0	17
7	P<scp>SI4</scp> 1.4: Open-source software for high-throughput quantum chemistry. Journal of Chemical Physics, 2020, 152, 184108.	1.2	440
8	P<scp>si</scp>4N<scp>um</scp>P<scp>y</scp>: An Interactive Quantum Chemistry Programming Environment for Reference Implementations and Rapid Development. Journal of Chemical Theory and Computation, 2018, 14, 3504-3511.	2.3	106
9	Assessment of Density Functional Methods for Geometry Optimization of Bimolecular van der Waals Complexes. Journal of Chemical Theory and Computation, 2018, 14, 3004-3013.	2.3	27
10	Solvent, temperature and concentration effects on the optical rotatory dispersion of (R)-3-methylcyclohexanone. Journal of Molecular Structure, 2017, 1130, 19-25.	1.8	12
11	Density functional theory study of the substituent effect on the structure, conformation and vibrational spectra in halosubstituted anilines. RSC Advances, 2016, 6, 67794-67804.	1.7	6