SzilÃ¡rd PÃ¡ll

List of Publications by Year
in descending order

9 papers	22,480 citations	1162889 8 h-index	1588896 8 g-index
9 all docs	9 docs citations	9 times ranked	27460 citing authors

#	Article	IF	Citations
1	Heterogeneous parallelization and acceleration of molecular dynamics simulations in GROMACS. Journal of Chemical Physics, 2020, 153, 134110.	1.2	275
2	More bang for your buck: Improved use of GPU nodes for GROMACS 2018. Journal of Computational Chemistry, 2019, 40, 2418-2431.	1.5	286
3	Best bang for your buck: GPU nodes for <scp>GROMACS</scp> biomolecular simulations. Journal of Computational Chemistry, 2015, 36, 1990-2008.	1.5	195
4	Tackling Exascale Software Challenges in Molecular Dynamics Simulations with GROMACS. Lecture Notes in Computer Science, 2015, , 3-27.	1.0	581
5	GROMACS: High performance molecular simulations through multi-level parallelism from laptops to supercomputers. SoftwareX, 2015, 1-2, 19-25.	1.2	14,414
6	Direct-Space Corrections Enable Fast and Accurate Lorentzâ€“Berthelot Combination Rule Lennard-Jones Lattice Summation. Journal of Chemical Theory and Computation, 2015, 11, 5737-5746.	2.3	112
7	A flexible algorithm for calculating pair interactions on SIMD architectures. Computer Physics Communications, 2013, 184, 2641-2650.	3.0	544
8	GROMACS 4.5: a high-throughput and highly parallel open source molecular simulation toolkit. Bioinformatics, 2013, 29, 845-854.	1.8	6,072
9	Parallel, Distributed, and Grid Computing. , 2010, , 333-378.		1