William Graham Hoover

List of Publications by Year
in descending order

10 papers	**177** citations	1307594 **7** h-index	1281871 **11** g-index
12 all docs	**12** docs citations	**12** times ranked	**147** citing authors

#	ARTICLE	IF	CITATIONS
1	Heat conduction, and the lack thereof, in time-reversible dynamical systems: Generalized Nosé-Hoover oscillators with a temperature gradient. Physical Review E, 2014, 89, 042914.	2.1	53
2	Ergodicity of a singly-thermostated harmonic oscillator. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 234-240.	3.3	24
3	Ergodic time-reversible chaos for Gibbs' canonical oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2935-2940.	2.1	21
4	Nonequilibrium systems: hard disks and harmonic oscillators near and far from equilibrium. Molecular Simulation, 2016, 42, 1300-1316.	2.0	16
5	The Equivalence of Dissipation from Gibbs' Entropy Production with Phase-Volume Loss in Ergodic Heat-Conducting Oscillators. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650089.	1.7	16
6	Adaptive Runge–Kutta integration for stiff systems: Comparing Nosé and Nosé–Hoover dynamics for the harmonic oscillator. American Journal of Physics, 2016, 84, 786-794.	0.7	12
7	From hard spheres and cubes to nonequilibrium maps with thirty-some years of thermostatted molecular dynamics. Journal of Chemical Physics, 2020, 153, 070901.	3.0	6
8	Time-irreversibility is hidden within Newtonian mechanics. Molecular Physics, 2018, 116, 3085-3096.	1.7	4
9	Order and chaos in the one-dimensional $\phi 4$ model: N-dependence and the Second Law of Thermodynamics. Communications in Nonlinear Science and Numerical Simulation, 2017, 49, 192-201.	3.3	2
10	Nonequilibrium Time Reversibility with Maps and Walks. Entropy, 2022, 24, 78.	2.2	2