

William Graham Hoover

List of Publications by Year in descending order

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10
papers

177
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1307594

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147
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nonequilibrium Time Reversibility with Maps and Walks. Entropy, 2022, 24, 78. | 2.2 | 2 |
| 2 | 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 |
| 3 | Time-irreversibility is hidden within Newtonian mechanics. Molecular Physics, 2018, 116, 3085-3096. | 1.7 | 4 |
| 4 | Order and chaos in the one-dimensional $\dot{\Gamma} \cdot 4$ model: N-dependence and the Second Law of Thermodynamics. Communications in Nonlinear Science and Numerical Simulation, 2017, 49, 192-201. | 3.3 | 2 |
| 5 | Adaptive Runge-Kutta integration for stiff systems: Comparing Nosé and Hoover dynamics for the harmonic oscillator. American Journal of Physics, 2016, 84, 786-794. | 0.7 | 12 |
| 6 | Nonequilibrium systems: hard disks and harmonic oscillators near and far from equilibrium. Molecular Simulation, 2016, 42, 1300-1316. | 2.0 | 16 |
| 7 | 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 |
| 8 | Ergodicity of a singly-thermostated harmonic oscillator. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 234-240. | 3.3 | 24 |
| 9 | 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 |
| 10 | 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 |