Norman Margolus

List of Publications by Year
in descending order

12 papers	**2,331** citations	1163117 **8** h-index	1372567 **10** g-index
15 all docs	**15** docs citations	**15** times ranked	**1263** citing authors

#	Article	IF	Citations
1	The maximum speed of dynamical evolution. Physica D: Nonlinear Phenomena, 1998, 120, 188-195.	2.8	673
2	Physics-like models of computation. Physica D: Nonlinear Phenomena, 1984, 10, 81-95.	2.8	287
3	Programmable matter: Concepts and realization. Physica D: Nonlinear Phenomena, 1991, 47, 263-272.	2.8	141
4	Cellular-Automata Supercomputers for Fluid-Dynamics Modeling. Physical Review Letters, 1986, 56, 1694-1696.	7.8	115
5	Quantum Computation. Annals of the New York Academy of Sciences, 1986, 480, 487-497.	3.8	35
6	Simulating three-dimensional hydrodynamics on a cellular automata machine. Journal of Statistical Physics, 1995, 81, 105-128.	1.2	20
7	Universal Cellular Automata Based on the Collisions of Soft Spheres. , 2002, , 107-134.		20
8	Looking at Nature as a Computer. International Journal of Theoretical Physics, 2003, 42, 309-327.	1.2	13
9	Bond-energy variables for Ising spin-glass dynamics. Physical Review B, 1988, 37, 2254-2254.	3.2	9
10	An embedded DRAM architecture for large-scale spatial-lattice computations. , 2000, , .		6
11	An embedded DRAM architecture for large-scale spatial-lattice computations. Computer Architecture News, 2000, 28, 149-160.	2.5	3
12	Finite-State Classical Mechanics. Lecture Notes in Computer Science, 2018, , 47-60.	1.3	0