

# Norman Margolus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10893452/publications.pdf>

Version: 2024-02-01

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