

Malgorzata J Krawczyk

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

198
citations

1040056

9
h-index

1199594

12
g-index

42
all docs

42
docs citations

42
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Heider balance, asymmetric ties, and gender segregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 439, 66-74.	2.6	18
2	Line graphs as social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 2611-2618.	2.6	15
3	Analysis of region-specific changes in gene expression upon treatment with citalopram and desipramine reveals temporal dynamics in response to antidepressant drugs at the transcriptome level. <i>Psychopharmacology</i> , 2012, 223, 281-297.	3.1	15
4	Differential equations as a tool for community identification. <i>Physical Review E</i> , 2008, 77, 065701.	2.1	14
5	Spin-glass properties of an Ising antiferromagnet on the Archimedean(3,122)lattice. <i>Physical Review B</i> , 2005, 72, .	3.2	12
6	Mean free path and peak dispersion in the geometration motion in gel electrophoresis. <i>Electrophoresis</i> , 2002, 23, 182-185.	2.4	11
7	Symmetry induced compression of discrete phase space. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 2181-2191.	2.6	11
8	The Simmel effect and babies'™ names. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 395, 384-391.	2.6	10
9	Diffusion constant in gel electrophoresis at high fields. <i>Electrophoresis</i> , 2004, 25, 785-789.	2.4	9
10	Topology of the space of periodic ground states in the antiferromagnetic Ising and Potts models in selected spatial structures. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 2510-2516.	2.1	9
11	Emerging Communities in Networks — a Flow of Ties. <i>Acta Physica Polonica B</i> , 2015, 46, 911.	0.8	7
12	Communication and Trust in the Bounded Confidence Model. <i>Lecture Notes in Computer Science</i> , 2010, , 90-99.	1.3	7
13	Static and dynamic properties of discrete systems with compressed state space. A polymer chain as an example. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	5
14	New aspects of symmetry of elementary cellular automata. <i>Chaos, Solitons and Fractals</i> , 2015, 78, 86-94.	5.1	5
15	Inferring cultural regions from correlation networks of given baby names. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 445, 169-175.	2.6	5
16	Towards the Heider balance: Cellular automaton with a global neighborhood. <i>Physical Review E</i> , 2021, 104, 024307.	2.1	5
17	Structural Balance of Opinions. <i>Entropy</i> , 2021, 23, 1418.	2.2	4
18	New cellular automaton designed to simulate geometration in gel electrophoresis. <i>Computer Physics Communications</i> , 2002, 147, 354-357.	7.5	3

#	ARTICLE	IF	CITATIONS
19	Diffusion of DNA Molecules in Gel at High Electric Fields. <i>Journal of Biological Physics</i> , 2005, 31, 365-373.	1.5	3
20	Application of the differential equations method for identifying communities in sparse networks. <i>Computer Physics Communications</i> , 2010, 181, 1702-1706.	7.5	3
21	On a Combinatorial Aspect of Fashion. <i>Acta Physica Polonica A</i> , 2013, 123, 560-563.	0.5	3
22	Ordered Avalanches on the Bethe Lattice. <i>Entropy</i> , 2019, 21, 968.	2.2	3
23	Naming Boys after U.S. Presidents in 20th Century. <i>Acta Physica Polonica A</i> , 2016, 129, 1038-1044.	0.5	3
24	Situations in traffic " how quickly they change. <i>Open Physics</i> , 2011, 9, .	1.7	2
25	COARSE-GRAINED CELLULAR AUTOMATON FOR TRAFFIC SYSTEMS. <i>International Journal of Modern Physics C</i> , 2013, 24, 1350011.	1.7	2
26	Symmetry-driven compression of the set of states of a Hubbard ring. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 349, 63-68.	2.3	2
27	Classes of states of discrete systems. <i>International Journal of Modern Physics C</i> , 2015, 26, 1550126.	1.7	2
28	Line graphs for fractals. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 44, 506-512.	3.3	2
29	Off-lattice simulation of the solid phase DNA amplification. <i>Computer Physics Communications</i> , 2005, 170, 131-136.	7.5	1
30	Communities in Social Networks. , 2009, , .		1
31	Strategies in Crowd and Crowd Structure. <i>Acta Physica Polonica A</i> , 2013, 123, 522-525.	0.5	1
32	Communities and classes in symmetric fractals. <i>International Journal of Modern Physics C</i> , 2015, 26, 1550025.	1.7	1
33	Adaptive rewiring of links in a network: Jammed states. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 531, 121716.	2.6	1
34	Intersection theorem and mobility in a social network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 566, 125648.	2.6	1
35	The Spread of Ideas in a Network" The Garbage-Can Model. <i>Entropy</i> , 2021, 23, 1345.	2.2	1
36	Perfect cycles in the synchronous Heider dynamics in complete network. <i>Physical Review E</i> , 2022, 105, .	2.1	1

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37	VELOCITY DISTRIBUTION IN THE DUKEâ€“RUBINSTEIN MODEL. International Journal of Modern Physics C, 2002, 13, 829-835.	1.7	0
38	High field electrophoresisâ€“computer simulations. Computer Physics Communications, 2004, 163, 172-176.	7.5	0
39	If Others Jump to the Queue Front, How Long I Will Wait?. Acta Physica Polonica A, 2015, 127, A-95-A-98.	0.5	0
40	Authors as vehicles of scientific memes. International Journal of Modern Physics C, 2016, 27, 1650110.	1.7	0
41	How networks split when rival leaders emerge. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 2249-2259.	2.6	0
42	Wealth Rheology. Entropy, 2021, 23, 842.	2.2	0