

Michael Maragakis

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

181
citations

1307366
7
h-index

1125617
13
g-index

19
all docs

19
docs citations

19
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Detailed study of the crystallization behaviour of the metallic glass Fe ₇₅ Si ₉ B ₁₆ . Journal of Alloys and Compounds, 2005, 386, 165-173.	2.8	49
2	Explosive percolation: Unusual transitions of a simple model. Physica A: Statistical Mechanics and Its Applications, 2014, 407, 54-65.	1.2	29
3	Percolation of randomly distributed growing clusters: Finite-size scaling and critical exponents for the square lattice. Physical Review E, 2010, 82, 041108.	0.8	18
4	Negative diffusion coefficient in a two-dimensional lattice-gas system with attractive nearest-neighbor interactions. Physical Review B, 2009, 80, .	1.1	15
5	A structural analysis of the patent citation network by the k-shell decomposition method. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 476-483.	1.2	12
6	Method for estimating critical exponents in percolation processes with low sampling. Physical Review E, 2014, 90, 062101.	0.8	9
7	Fluctuations in an ordered $d(2\tilde{A}-2)$ two-dimensional lattice-gas system with repulsive interactions. Physical Review B, 2005, 71, .	1.1	8
8	Dynamic correlations in an ordered $d(2\tilde{A}-2)$ lattice gas. Physical Review B, 2006, 74, .	1.1	7
9	Tracer diffusion in ordered lattice-gas systems with defect-controlled transport mechanisms. Physical Review B, 2007, 76, .	1.1	6
10	A hybrid model for the patent citation network structure. Physica A: Statistical Mechanics and Its Applications, 2020, 541, 123363.	1.2	5
11	Priority diffusion model in lattices and complex networks. Physical Review E, 2008, 77, 020103.	0.8	4
12	Percolation of randomly distributed growing clusters: the low initial density regime. European Physical Journal B, 2011, 81, 303-307.	0.6	4
13	Spontaneous repulsion in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mo} \rangle$ reaction on coupled networks. Physical Review E, 2018, 97, 040301.	0.8	4
14	A network SIRX model for the spreading of COVID-19. Physica A: Statistical Mechanics and Its Applications, 2022, 590, 126746.	1.2	4
15	Static and dynamic behavior of multiplex networks under interlink strength variation. Europhysics Letters, 2015, 109, 38006.	0.7	3
16	Dynamics of regional multilinks in research innovation temporal networks. Europhysics Letters, 2020, 130, 28001.	0.7	2
17	Random walk with priorities in communicationlike networks. Physical Review E, 2013, 88, 022803.	0.8	1
18	Patents of nanomaterials related with cancer treatment applications. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	1

#	ARTICLE	IF	CITATIONS
19	The evolution of triangular research and innovation collaborations in the European area. Journal of Informetrics, 2021, 15, 101192.	1.4	0