

Djordje SpasojeviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

466
citations

933447

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677142

22
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22
all docs

22
docs citations

22
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Barkhausen noise: Elementary signals, power laws, and scaling relations. <i>Physical Review E</i> , 1996, 54, 2531-2546.	2.1	173
2	Numerical Evidence for Critical Behavior of the Two-Dimensional Nonequilibrium Zero-Temperature Random Field Ising Model. <i>Physical Review Letters</i> , 2011, 106, 175701.	7.8	54
3	Avalanche distributions in the two-dimensional nonequilibrium zero-temperature random field Ising model. <i>Physical Review E</i> , 2011, 84, 051119.	2.1	40
4	The critical Barkhausen avalanches in thin random-field ferromagnets with an open boundary. <i>Scientific Reports</i> , 2019, 9, 6340.	3.3	31
5	Analysis of spanning avalanches in the two-dimensional nonequilibrium zero-temperature random-field Ising model. <i>Physical Review E</i> , 2014, 89, 012118.	2.1	28
6	Crossover from three-dimensional to two-dimensional systems in the nonequilibrium zero-temperature random-field Ising model. <i>Physical Review E</i> , 2018, 97, 012109.	2.1	21
7	Stark effect of Ar I lines for electric field strength diagnostics in the cathode sheath of glow discharge. <i>Europhysics Letters</i> , 2017, 119, 55001.	2.0	14
8	Critical behavior of the two-dimensional nonequilibrium zero-temperature random field Ising model on a triangular lattice. <i>Physical Review E</i> , 2017, 95, 042131.	2.1	14
9	Critical disorder and critical magnetic field of the nonequilibrium athermal random-field Ising model in thin systems. <i>Physical Review E</i> , 2019, 100, 032113.	2.1	14
10	Scaling domains in the nonequilibrium athermal random field Ising model of finite systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 013202.	2.3	14
11	Avalanche properties in striplike ferromagnetic systems. <i>Physical Review E</i> , 2020, 102, 022124.	2.1	10
12	Nonequilibrium athermal random-field Ising model on hexagonal lattices. <i>Physical Review E</i> , 2021, 103, 032147.	2.1	8
13	Threshold-induced correlations in the Random Field Ising Model. <i>Scientific Reports</i> , 2018, 8, 2571.	3.3	7
14	Complex UV Ne II line shapes in the cathode sheath of an abnormal glow discharge. <i>Plasma Sources Science and Technology</i> , 2020, 29, 085008.	3.1	6
15	Ne II spectral lines in the cathode sheath of an abnormal glow discharge. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	5
16	Spin activity correlations in driven disordered systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 063302.	2.3	5
17	Study of the Ar II spectral line shape in the cathode sheath region of glow discharge. <i>AIP Advances</i> , 2021, 11, .	1.3	4
18	Mechanism of subcritical avalanche propagation in three-dimensional disordered systems. <i>Physical Review E</i> , 2021, 103, 062123.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Estimation of the maximum electric field strength in the cathode sheath of a Grimm-type glow discharge by end-on view optical emission spectroscopy in neon and argon. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1318-1326.	3.0	4
20	Tuneable hysteresis loop and multifractal oscillations of magnetisation in weakly disordered antiferromagneticâ€“ferromagnetic bilayers. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 142, 115319.	2.7	4
21	Effects of external noise on threshold-induced correlations in ferromagnetic systems. <i>Physical Review E</i> , 2021, 103, 062114.	2.1	3
22	A tool for identifying the criticality in the disordered systems with metastable dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 572, 125883.	2.6	3