

Milan Å¹/₂ukoviÄ•

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Magnetization Curves of Geometrically Frustrated Exchange-Biased FM/AFM Bilayers. Acta Physica Polonica A, 2017, 131, 642-644. | 0.2 | 0 |
| 38 | GPU-Accelerated Population Annealing Algorithm: Frustrated Ising Antiferromagnet on the Stacked Triangular Lattice. EPJ Web of Conferences, 2016, 108, 02016. | 0.1 | 8 |
| 39 | Critical behavior of a triangular lattice Ising AF/FM bilayer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 1087-1092. | 0.9 | 12 |
| 40 | Frustrated ground states of a generalized XY model and their mapping to nonmagnetic structural analogs. Physical Review B, 2016, 94, . | 1.1 | 8 |
| 41 | Tricritical behaviour of the frustrated Ising antiferromagnet on the honeycomb lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 2693-2697. | 0.9 | 9 |
| 42 | Frustrated mixed spin-1/2 and spin-1 Ising ferrimagnets on a triangular lattice. Physical Review E, 2015, 91, 052138. | 0.8 | 6 |
| 43 | Short-range correlations in modified planar rotator model. Journal of Physics: Conference Series, 2015, 633, 012105. | 0.3 | 2 |
| 44 | Mixed spin-1/2 and spin-1 Ising ferromagnets on a triangular lattice. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 509-518. | 1.2 | 22 |
| 45 | Phase transitions in a frustrated Ising antiferromagnet on a square lattice. Physical Review E, 2015, 91, 032145. | 0.8 | 21 |
| 46 | Thermodynamic and magnetocaloric properties of geometrically frustrated Ising nanoclusters. Journal of Magnetism and Magnetic Materials, 2015, 374, 22-35. | 1.0 | 29 |
| 47 | Low-Temperature Properties of Ising Antiferromagnet on a Stacked Triangular Lattice. Acta Physica Polonica A, 2014, 126, 40-41. | 0.2 | 6 |
| 48 | Domain Dynamics in Nonequilibrium Random-Field Ising Models. Acta Physica Polonica A, 2014, 126, 38-39. | 0.2 | 0 |
| 49 | Magnetization and Susceptibility of a Diluted Triangular Ising Antiferromagnet in a Field. Acta Physica Polonica A, 2014, 126, 16-17. | 0.2 | 4 |
| 50 | Monte Carlo Study of a Spin-3/2 Blume-Emery-Griffiths Model on a Honeycomb Lattice. Acta Physica Polonica A, 2014, 126, 36-37. | 0.2 | 3 |
| 51 | Incommensurate Short-Range Order in $\langle S \rangle = 1$ Triangular Lattice Ising Antiferromagnet. Journal of the Physical Society of Japan, 2014, 83, 083001. | 0.7 | 3 |
| 52 | Entropy of spin clusters with frustrated geometry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1773-1779. | 0.9 | 10 |
| 53 | Phase boundaries of a spin-3/2 Blume-Emery-Griffiths model on a honeycomb lattice. Journal of Magnetism and Magnetic Materials, 2014, 354, 272-278. | 1.0 | 8 |
| 54 | Thermodynamic description of the Ising antiferromagnet on a triangular lattice with selective dilution by a modified pair-approximation method. Physical Review E, 2014, 89, 062140. | 0.8 | 11 |

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|----|---|-----|-----------|
| 55 | Magnetocaloric properties of a frustrated Blume-Capel antiferromagnet. EPJ Web of Conferences, 2014, 75, 09005. | 0.1 | 4 |
| 56 | Reconstruction of missing data in remote sensing images using conditional stochastic optimization with global geometric constraints. Stochastic Environmental Research and Risk Assessment, 2013, 27, 785-806. | 1.9 | 14 |
| 57 | Residual entropy of spin-s triangular Ising antiferromagnet. European Physical Journal B, 2013, 86, 1. | 0.6 | 12 |
| 58 | Critical properties of a spin-1 triangular lattice Ising antiferromagnet. Journal of the Korean Physical Society, 2013, 62, 1495-1498. | 0.3 | 5 |
| 59 | A Directional Gradient-Curvature method for gap filling of gridded environmental spatial data with potentially anisotropic correlations. Atmospheric Environment, 2013, 77, 901-909. | 1.9 | 8 |
| 60 | Critical and tricritical behavior of a selectively diluted triangular Ising antiferromagnet in a field. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 157-167. | 1.2 | 10 |
| 61 | Phase transitions in a triangular Blume-Capel antiferromagnet. Physical Review E, 2013, 87, . | 0.8 | 18 |
| 62 | Ground states of the frustrated Blume-Emery-Griffiths model in a field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 3649-3653. | 0.9 | 5 |
| 63 | Low-temperature metastable states in a stacked triangular Ising antiferromagnet. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1731-1735. | 0.9 | 11 |
| 64 | Effects of selective dilution on phase diagram and ground-state magnetizations of an Ising antiferromagnet on triangular and honeycomb lattices. Journal of Magnetism and Magnetic Materials, 2012, 324, 2687-2692. | 1.0 | 16 |
| 65 | Dynamics of episodic transient correlations in currency exchange rate returns and their predictability. Open Physics, 2012, 10, . | 0.8 | 0 |
| 66 | Relationships between correlation lengths and integral scales for covariance models with more than two parameters. Stochastic Environmental Research and Risk Assessment, 2011, 25, 11-19. | 1.9 | 28 |
| 67 | Magnetic properties of the mixed spin-1 and spin-1/2 Ising antiferromagnet in a field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4260-4264. | 1.2 | 16 |
| 68 | Phase diagram of a diluted triangular lattice Ising antiferromagnet in a field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4260-4264. | 1.0 | 17 |
| 69 | Phase diagram of a mixed spin-1 and spin-1/2 Ising ferrimagnet. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5402-5407. | 0.9 | 20 |
| 70 | Critical and compensation phenomena in a mixed-spin ternary alloy: A Monte Carlo study. Journal of Magnetism and Magnetic Materials, 2010, 322, 2868-2873. | 1.0 | 38 |
| 71 | Phase diagram of a mixed spin-1 and spin-1/2 Ising ferrimagnet. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5402-5407. | 1.2 | 38 |
| 72 | Critical temperature of a mixed ferro-ferrimagnetic ternary alloy. Journal of Physics: Conference Series, 2010, 200, 022005. | 0.3 | 10 |

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|----|--|-----|-----------|
| 73 | Ordering in Triangular Lattice Ising Antiferromagnet Due to Dilution and Magnetic Field. Acta Physica Polonica A, 2010, 118, 740-741. | 0.2 | 1 |
| 74 | Compensation temperatures and magnetic susceptibility of a mixed ferro-ferrimagnetic ternary alloy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 3197-3200. | 0.9 | 34 |
| 75 | Classification of missing values in spatial data using spin models. Physical Review E, 2009, 80, 011116. | 0.8 | 12 |
| 76 | The Method of Normalized Correlations: A Fast Parameter Estimation Method for Random Processes and Isotropic Random Fields That Focuses on Short-Range Dependence. Technometrics, 2009, 51, 173-185. | 1.3 | 11 |
| 77 | Multilevel discretized random field models with $\hat{\epsilon}^{\text{spin}}$ correlations for the simulation of environmental spatial data. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02023. | 0.9 | 7 |
| 78 | Spartan random processes in time series modeling. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3995-4001. | 1.2 | 5 |
| 79 | Environmental time series interpolation based on Spartan random processes. Atmospheric Environment, 2008, 42, 7669-7678. | 1.9 | 13 |
| 80 | An Algorithm For Spatial Data Classification And Automatic Mapping Based On "Spin" Correlations. , 2008, , . | | 0 |
| 81 | Low-temperature long-range ordering of a classical XY spin system with bilinear-biquadratic exchange Hamiltonian. Physica B: Condensed Matter, 2003, 329-333, 1055-1056. | 1.3 | 3 |
| 82 | Critical behavior of a three-dimensional plane rotator with frustration inducing higher-order interactions. Physica B: Condensed Matter, 2003, 328, 377-385. | 1.3 | 4 |
| 83 | Histogram Monte Carlo simulation of the geometrically frustrated XY antiferromagnet with biquadratic exchange. Physical Review B, 2002, 65, . | 1.1 | 7 |
| 84 | Planar Heisenberg antiferromagnet with antiferroquadrupolar exchange on stacked triangular lattice: finite-size scaling. Physica B: Condensed Matter, 2002, 322, 340-350. | 1.3 | 2 |
| 85 | Role of ferroquadrupolar exchange in critical behavior of planar Heisenberg antiferromagnet with STL geometry. Physica B: Condensed Matter, 2002, 324, 360-372. | 1.3 | 4 |
| 86 | Effect of biquadratic exchange on phase transitions of a planar classical Heisenberg ferromagnet. Physica B: Condensed Matter, 2001, 304, 18-26. | 1.3 | 9 |
| 87 | Monte Carlo simulation of the three-dimensional XY model with bilinear biquadratic exchange interaction. Journal of Magnetism and Magnetic Materials, 2001, 234, 320-330. | 1.0 | 5 |
| 88 | Chiral universality class behavior of a nonchiral antiferroquadrupole system. Physical Review B, 2001, 63, . | 1.1 | 8 |
| 89 | Monte Carlo studies of critical and dynamic phenomena in diluted Ising metamagnet in a field. Journal of Magnetism and Magnetic Materials, 2000, 208, 120-130. | 1.0 | 13 |
| 90 | Monte Carlo investigation of the tricritical point stability in a three-dimensional Ising metamagnet. Physical Review B, 2000, 61, 50-53. | 1.1 | 18 |

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|----|---|-----|-----------|
| 91 | Selective site dilution and percolation of Ising ferri- and meta-magnet in a field. Journal of Magnetism and Magnetic Materials, 1999, 192, 363-377. | 1.0 | 13 |
| 92 | Thermal and percolative properties of a diluted Ising metamagnet in a field. Journal of Magnetism and Magnetic Materials, 1998, 188, 52-64. | 1.0 | 14 |
| 93 | Phase diagrams and tricritical behaviour of a diluted Ising metamagnet in an external field. Journal of Magnetism and Magnetic Materials, 1997, 170, 49-56. | 1.0 | 24 |