

Hiromi Otsuka

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Asymptotic correlation functions in the Q-state Potts model: A universal form for point group C_{4v} . Physical Review E, 2020, 102, 032141. | 2.1 | 1 |
| 2 | Large peaks in the entropy of the diluted nearest-neighbor spin-ice model on the pyrochlore lattice in a $[111]$ magnetic field. Physical Review E, 2019, 99, 022138. | 2.1 | 7 |
| 3 | Husimi-cactus approximation study on the diluted spin ice. Physical Review E, 2018, 97, 042132. | 2.1 | 2 |
| 4 | Emergent criticalities and phase transitions in a monomer-dimer mixture on a honeycomb lattice. Journal of the Korean Physical Society, 2013, 63, 493-498. | 0.7 | 0 |
| 5 | Two-Dimensional Monopole Dynamics in the Dipolar Spin Ice $Dy_2Ti_2O_7$. Journal of the Physical Society of Japan, 2013, 82, 073707. | 1.6 | 13 |
| 6 | AC Susceptibility of the Dipolar Spin Ice $Dy_2Ti_2O_7$: Experiments and Monte Carlo Simulations. Journal of the Physical Society of Japan, 2013, 82, 104710. | 1.6 | 18 |
| 7 | Monomer-Dimer Mixture on a Honeycomb Lattice. Physical Review Letters, 2011, 106, 227204. | 7.8 | 7 |
| 8 | Classical dimer model with anisotropic interactions on the square lattice. Physical Review E, 2009, 80, 011140. | 2.1 | 8 |
| 9 | Finite-size-scaling ansatz for the helicity modulus of the triangular-lattice three-spin interaction model. Physical Review E, 2008, 77, 062101. | 2.1 | 3 |
| 10 | Effective Field Theory of Triangular-Lattice Three-Spin Interaction Model. Journal of the Physical Society of Japan, 2007, 76, 073002. | 1.6 | 4 |
| 11 | Field-induced Berezinskii-Kosterlitz-Thouless transition and string-density plateau in the anisotropic triangular antiferromagnetic Ising model. Physical Review E, 2006, 73, 035105. | 2.1 | 12 |
| 12 | Global phase diagram and six-state clock universality behavior in the triangular antiferromagnetic Ising model with anisotropic next-nearest-neighbor coupling: Level-spectroscopy approach. Physical Review E, 2006, 74, 011104. | 2.1 | 5 |
| 13 | Level spectroscopy of the square-lattice three-state Potts model with a ferromagnetic next-nearest-neighbor coupling. Physical Review E, 2005, 72, 046103. | 2.1 | 11 |
| 14 | Ground-state phase diagram of the one-dimensional Hubbard model with an alternating chemical potential. Physical Review B, 2005, 71, . | 3.2 | 32 |
| 15 | Phase Diagram of the Square-Lattice Three-State Potts Antiferromagnet with a Staggered Polarization Field. Physical Review Letters, 2004, 93, 120601. | 7.8 | 8 |
| 16 | Quarter-filled extended Hubbard model with alternating transfer integral: Two-dimensional Ising transition in the ground state. Physical Review B, 2004, 70, . | 3.2 | 10 |