

Juha Merikoski

List of Publications by Year in descending order

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papers

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840776

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docs citations

22
times ranked

199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Totally asymmetric exclusion process fed by using a non-Poissonian clock. Physical Review E, 2015, 91, 062101. | 2.1 | 0 |
| 2 | Accelerated transport and growth with symmetrized dynamics. Physical Review E, 2013, 88, 062137. | 2.1 | 3 |
| 3 | Single-layer metal-on-metal islands driven by strong time-dependent forces. Physical Review E, 2012, 85, 011107. | 2.1 | 2 |
| 4 | Characteristics of the polymer transport in ratchet systems. Physical Review E, 2010, 81, 041112. | 2.1 | 3 |
| 5 | Diffusion between evolving interfaces. Journal of Physics Condensed Matter, 2010, 22, 465402. | 1.8 | 2 |
| 6 | Finite-size effects in dynamics of zero-range processes. Physical Review E, 2010, 82, 031119. | 2.1 | 2 |
| 7 | Polymer dynamics in time-dependent periodic potentials. Physical Review E, 2008, 77, 061131. | 2.1 | 7 |
| 8 | Roughness of two nonintersecting one-dimensional interfaces. Physical Review E, 2007, 76, 041607. | 2.1 | 4 |
| 9 | Phase Transitions on Markovian Bipartite Graphs—an Application of the Zero-range Process. Journal of Statistical Physics, 2005, 119, 881-907. | 1.2 | 13 |
| 10 | Phase Transitions on Markovian Bipartite Graphs—an Application of the Zero-range Process. Journal of Statistical Physics, 2005, , . | 1.2 | 4 |
| 11 | Comment on “Finite-size scaling behavior of the tracer surface diffusion coefficient near a second-order phase transition” by F. Nieto et al.. Europhysics Letters, 2000, 51, 361-362. | 2.0 | 5 |
| 12 | Memory effects and coverage dependence of surface diffusion in a model adsorption system. Physical Review B, 1999, 59, 7697-7707. | 3.2 | 30 |
| 13 | Island Diffusion on Metal fcc (100) Surfaces. Physical Review Letters, 1999, 82, 2733-2736. | 7.8 | 75 |
| 14 | Comment on “Surface diffusion near the points corresponding to continuous phase transitions” [J. Chem. Phys. 109, 3197 (1998)]. Journal of Chemical Physics, 1999, 111, 11232-11233. | 3.0 | 12 |
| 15 | Memory expansion for diffusion coefficients. Physical Review B, 1998, 58, 2170-2178. | 3.2 | 40 |
| 16 | Vattulainen et al. Reply:. Physical Review Letters, 1998, 80, 5456-5456. | 7.8 | 10 |
| 17 | Atom dynamics and diffusion in a model of O/W(110). Physical Review B, 1998, 57, 1896-1907. | 3.2 | 44 |
| 18 | Non-Arrhenius Behavior of Surface Diffusion near a Phase Transition Boundary. Physical Review Letters, 1997, 79, 257-260. | 7.8 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A dynamical mean field theory for the study of surface diffusion constants. Surface Science, 1997, 380, L501-L505. | 1.9 | 26 |
| 20 | Effect of kinks and concerted diffusion mechanisms on mass transport and growth on stepped metal surfaces. Surface Science, 1997, 387, 167-182. | 1.9 | 80 |
| 21 | Non-equilibrium surface diffusion in the system. Surface Science, 1996, 366, L697-L702. | 1.9 | 21 |
| 22 | Diffusion processes and growth on stepped metal surfaces. Physical Review B, 1995, 52, R8715-R8720. | 3.2 | 31 |