

Theodore W Burkhardt

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

425
citations

1163117

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h-index

1058476

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15
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docs citations

15
times ranked

249
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Tagged-Particle Statistics in Single-File Motion with Random-Acceleration and Langevin Dynamics. Journal of Statistical Physics, 2019, 177, 806-824. | 1.2 | 2 |
| 2 | Occupation Time of a Randomly Accelerated Particle on the Positive Half Axis: Results for the First Five Moments. Journal of Statistical Physics, 2017, 169, 730-743. | 1.2 | 4 |
| 3 | Occupation time statistics of the random acceleration model. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 053213. | 2.3 | 8 |
| 4 | First Passage of a Randomly Accelerated Particle. , 2014, , 21-44. | | 7 |
| 5 | Harmonically Confined, Semiflexible Polymer in a Channel: Response to a Stretching Force and Spatial Distribution of the Endpoints. Journal of Statistical Physics, 2011, 145, 1472-1484. | 1.2 | 3 |
| 6 | Fluctuations of a long, semiflexible polymer in a narrow channel. Physical Review E, 2010, 82, 041801. | 2.1 | 71 |
| 7 | First-Passage and Extreme-Value Statistics of a Particle Subject to a Constant Force Plus a Random Force. Journal of Statistical Physics, 2008, 133, 217-230. | 1.2 | 8 |
| 8 | The random acceleration process in bounded geometries. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P07004-P07004. | 2.3 | 21 |
| 9 | Free energy and extension of a semiflexible polymer in cylindrical confining geometries. Physical Review E, 2007, 76, 011804. | 2.1 | 106 |
| 10 | Equilibrium statistics of an inelastically bouncing ball, subject to gravity and a random force. Physical Review E, 2006, 73, 046121. | 2.1 | 7 |
| 11 | Equilibrium of a confined, randomly accelerated, inelastic particle: Is there inelastic collapse?. Physical Review E, 2004, 70, 026105. | 2.1 | 8 |
| 12 | Simulation of a semiflexible polymer in a narrow cylindrical pore. Journal of Physics A, 2001, 34, 5745-5750. | 1.6 | 43 |
| 13 | Absorption of a randomly accelerated particle: gambler's ruin in a different game. Journal of Physics A, 2000, 33, 6835-6841. | 1.6 | 18 |
| 14 | Dynamics of absorption of a randomly accelerated particle. Journal of Physics A, 2000, 33, L429-L432. | 1.6 | 27 |
| 15 | Free energy of a semiflexible polymer in a tube and statistics of a randomly-accelerated particle. Journal of Physics A, 1997, 30, L167-L172. | 1.6 | 92 |