Theodore W Burkhardt

List of Publications by Year
in descending order

15 papers	425 citations	1162889 8 h-index	1058333 14 g-index
15 all docs	15 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.	0.5	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.	0.5	4
3	Occupation time statistics of the random acceleration model. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 053213.	0.9	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.	0.5	3
6	Fluctuations of a long, semiflexible polymer in a narrow channel. Physical Review E, 2010, 82, 041801.	0.8	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.	0.5	8
8	The random acceleration process in bounded geometries. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P07004-P07004.	0.9	21
9	Free energy and extension of a semiflexible polymer in cylindrical confining geometries. Physical Review E, 2007, 76, 011804.	0.8	106
10	Equilibrium statistics of an inelastically bouncing ball, subject to gravity and a random force. Physical Review E, 2006, 73, 046121.	0.8	7
11	Equilibrium of a confined, randomly accelerated, inelastic particle: Is there inelastic collapse?. Physical Review E, 2004, 70, 026105.	0.8	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