

# Theodore W Burkhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3467065/publications.pdf>

Version: 2024-02-01

15  
papers

425  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

249  
citing authors

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