

# Persistence and first-passage properties in nonequilibrium

Advances in Physics

62, 225-361

DOI: 10.1080/00018732.2013.803819

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamics of a Tagged Monomer: Effects of Elastic Pinning and Harmonic Absorption. Physical Review Letters, 2013, 111, 210601.	2.9	14
2	Evanescent continuous-time random walks. Physical Review E, 2013, 88, 062110.	0.8	24
3	Statistics of superior records. Physical Review E, 2013, 88, 022145.	0.8	10
4	Effects of initial height on the steady-state persistence probability of linear growth models. Physical Review E, 2013, 88, 062402.	0.8	3
5	Sampling fractional Brownian motion in presence of absorption: A Markov chain method. Physical Review E, 2013, 88, 022119.	0.8	14
6	Asymmetric Lévy flights in the presence of absorbing boundaries. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P10006.	0.9	13
7	Scaling exponent for incremental records. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P10025.	0.9	11
8	Symmetry for the duration of entropy-consuming intervals. Physical Review E, 2014, 89, 052121.	0.8	0
9	Overlap of two Brownian trajectories: Exact results for scaling functions. Physical Review E, 2014, 89, 042137.	0.8	1
10	Sparre-Andersen theorem with spatiotemporal correlations. Physical Review E, 2014, 89, 052111.	0.8	13
11	Statistics of the first passage time of Brownian motion conditioned by maximum value or area. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 465001.	0.7	5
12	Universal statistics of longest lasting records of random walks and Lévy flights. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 255001.	0.7	25
13	Persistence in the two dimensional ferromagnetic Ising model. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P12021.	0.9	19
14	From first-passage times of random walks in confinement to geometry-controlled kinetics. Physics Reports, 2014, 539, 225-284.	10.3	197
15	Modeling record-breaking stock prices. Physica A: Statistical Mechanics and Its Applications, 2014, 396, 114-133.	1.2	10
16	Continuous-time random-walk approach to supercooled liquids. I. Different definitions of particle jumps and their consequences. Physical Review E, 2014, 89, 042603.	0.8	55
17	Continuous-time random-walk approach to supercooled liquids. II. Mean-square displacements in polymer melts. Physical Review E, 2014, 89, 042604.	0.8	27
18	First-passage time of Brownian motion with dry friction. Physical Review E, 2014, 89, 022103.	0.8	12

#	ARTICLE	IF	CITATIONS
19	Probability distribution of the number of distinct sites visited by a random walk on the finite-size fully-connected lattice. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 385004.	0.7	6
20	Slow Kinetics of Brownian Maxima. <i>Physical Review Letters</i> , 2014, 113, 030604.	2.9	8
21	Maximal Distance Travelled by N Vicious Walkers Till Their Survival. <i>Journal of Statistical Physics</i> , 2014, 157, 124-157.	0.5	6
22	Persistence of random walk records. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 255002.	0.7	7
23	Diffusion with resetting in arbitrary spatial dimension. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 285001.	0.7	157
24	Survival of a static target in a gas of diffusing particles with exclusion. <i>Physical Review E</i> , 2014, 90, 022120.	0.8	30
25	Winding statistics of a Brownian particle on a ring. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 385001.	0.7	7
26	Fluctuating Interfaces Subject to Stochastic Resetting. <i>Physical Review Letters</i> , 2014, 112, 220601.	2.9	125
27	Gradual diffusive capture: slow death by many mosquito bites. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P11019.	0.9	2
28	Exact Record and Order Statistics of Random Walks via First-Passage Ideas. , 2014, , 226-251.		14
29	Transport and the First Passage Time Problem with Application to Cold Atoms in Optical Traps. , 2014, , 502-531.		1
30	Large fluctuations in diffusion-controlled absorption. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P08008.	0.9	14
31	On the gap and time interval between the first two maxima of long random walks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P09013.	0.9	11
32	Statistics of the longest interval in renewal processes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P03014.	0.9	20
33	Convex hull of a Brownian motion in confinement. <i>Physical Review E</i> , 2015, 91, 050104.	0.8	12
34	Optimal search strategies of space-time coupled random walkers with finite lifetimes. <i>Physical Review E</i> , 2015, 91, 052115.	0.8	29
35	Temporal dynamics in an immunological synapse: Role of thermal fluctuations in signaling. <i>Physical Review E</i> , 2015, 92, 012706.	0.8	3
36	Mean perimeter of the convex hull of a random walk in a semi-infinite medium. <i>Physical Review E</i> , 2015, 92, 022145.	0.8	6

#	ARTICLE	IF	CITATIONS
37	Percolation and coarsening in the bidimensional voter model. <i>Physical Review E</i> , 2015, 92, 042109.	0.8	13
38	Avalanche-size distributions in mean-field plastic yielding models. <i>Physical Review E</i> , 2015, 92, 042135.	0.8	15
39	Scaling exponents for ordered maxima. <i>Physical Review E</i> , 2015, 92, 062139.	0.8	2
40	Dynamics and Correlations among Soft Excitations in Marginally Stable Glasses. <i>Physical Review Letters</i> , 2015, 114, 247208.	2.9	7
41	Mean First Passage Time for a Small Rotating Trap inside a Reflective Disk. <i>Multiscale Modeling and Simulation</i> , 2015, 13, 231-255.	0.6	11
42	Brownian motion in time-dependent logarithmic potential: Exact results for dynamics and first-passage properties. <i>Journal of Chemical Physics</i> , 2015, 143, 114117.	1.2	19
43	From Markovian to non-Markovian persistence exponents. <i>Europhysics Letters</i> , 2015, 109, 40015.	0.7	3
44	Spherical model of growing interfaces. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P05022.	0.9	17
45	Optimization and universality of Brownian search in a basic model of quenched heterogeneous media. <i>Physical Review E</i> , 2015, 91, 052134.	0.8	22
46	Persistence of integrated stable processes. <i>Probability Theory and Related Fields</i> , 2015, 162, 463-485.	0.9	8
47	Irreversible reactions and diffusive escape: stationary properties. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P05003.	0.9	4
48	A numerical approach to study the Kramers equation for finite geometries: boundary conditions and potential fields. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 045202.	0.7	3
49	A statistical physics perspective on alignment-independent protein sequence comparison. <i>Bioinformatics</i> , 2015, 31, 2469-2474.	1.8	14
50	Dynamics of the two-dimensional directed Ising model: zero-temperature coarsening. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P07023.	0.9	4
51	Cover times of random searches. <i>Nature Physics</i> , 2015, 11, 844-847.	6.5	83
52	Mortality, Redundancy, and Diversity in Stochastic Search. <i>Physical Review Letters</i> , 2015, 114, 198101.	2.9	69
53	Full absorption statistics of diffusing particles with exclusion. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P04009.	0.9	5
54	Survival probability of a Brownian motion in a planar wedge of arbitrary angle. <i>Physical Review E</i> , 2015, 91, 032106.	0.8	14

#	ARTICLE	IF	CITATIONS
55	Mean first-passage times in confined media: from Markovian to non-Markovian processes. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 163001.	0.7	39
56	LÃ©vy Matters V. Lecture Notes in Mathematics, 2015, , .	0.1	6
57	Role of initial correlation in coarsening of a ferromagnet. European Physical Journal B, 2015, 88, 1.	0.6	15
58	Occupation time statistics of the random acceleration model. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 053213.	0.9	8
59	Ornsteinâ€”Uhlenbeck diffusion of hermitian and non-hermitian matricesâ€”unexpected links. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 054037.	0.9	5
60	Diffusion under time-dependent resetting. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 225001.	0.7	167
61	First passage time distribution in heterogeneity controlled kinetics: going beyond the mean first passage time. Scientific Reports, 2016, 6, 20349.	1.6	87
62	First passage properties of a generalized PÃ©lya urn. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 123407.	0.9	3
63	Exact distributions of cover times for $N$ independent random walkers in one dimension. Physical Review E, 2016, 94, 062131.	0.8	9
64	Resetting of fluctuating interfaces at power-law times. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445001.	0.7	27
65	Characteristic Sign Renewals of Kardarâ€”Parisiâ€”Zhang Fluctuations. Journal of Statistical Physics, 2016, 164, 1167-1182.	0.5	11
66	A simple method to calculate first-passage time densities with arbitrary initial conditions. New Journal of Physics, 2016, 18, 063019.	1.2	17
67	Emergence of dynamic phases in the presence of different kinds of open boundaries in stochastic transport with short-range interactions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 013207.	0.9	1
68	Anomalous diffusion in time-fluctuating non-stationary diffusivity landscapes. Physical Chemistry Chemical Physics, 2016, 18, 23840-23852.	1.3	67
69	Temporal Correlations of the Running Maximum of a Brownian Trajectory. Physical Review Letters, 2016, 117, 080601.	2.9	24
70	How long do particles spend in vortical regions in turbulent flows?. Physical Review E, 2016, 94, 053119.	0.8	11
71	To hit or to pass it overâ€”remarkable transient behavior of first arrivals and passages for LÃ©vy flights in finite domains. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 504001.	0.7	25
72	Survival of interacting diffusing particles inside a domain with absorbing boundary. Physical Review E, 2016, 93, 012136.	0.8	15

#	ARTICLE	IF	CITATIONS
73	Macroscopic fluctuation theory and first-passage properties of surface diffusion. <i>Physical Review E</i> , 2016, 93, 020102.	0.8	9
74	Emergence of cooperative dynamics in fully packed classical dimers. <i>Physical Review E</i> , 2016, 93, 032129.	0.8	8
75	Fractality in persistence decay and domain growth during ferromagnetic ordering: Dependence upon initial correlation. <i>Physical Review E</i> , 2016, 93, 032139.	0.8	14
76	Distribution of zeros in the rough geometry of fluctuating interfaces. <i>Physical Review E</i> , 2016, 93, 042118.	0.8	4
77	Minority-spin dynamics in the nonhomogeneous Ising model: Diverging time scales and exponents. <i>Physical Review E</i> , 2016, 93, 052113.	0.8	4
78	Exact Statistics of Record Increments of Random Walks and Lévy Flights. <i>Physical Review Letters</i> , 2016, 117, 010601.	2.9	13
79	Perturbative expansion for the maximum of fractional Brownian motion. <i>Physical Review E</i> , 2016, 94, 012134.	0.8	21
80	Mean-Field Description of Plastic Flow in Amorphous Solids. <i>Physical Review X</i> , 2016, 6, .	2.8	49
81	Mean first-passage times of non-Markovian random walkers in confinement. <i>Nature</i> , 2016, 534, 356-359.	13.7	105
82	The First Passage Time Problem Over a Moving Boundary for Asymptotically Stable Lévy Processes. <i>Journal of Theoretical Probability</i> , 2016, 29, 737-760.	0.4	8
83	Anomalous, non-Gaussian tracer diffusion in crowded two-dimensional environments. <i>New Journal of Physics</i> , 2016, 18, 013027.	1.2	125
84	Spitzer identity, Wiener-Hopf factorization and pricing of discretely monitored exotic options. <i>European Journal of Operational Research</i> , 2016, 251, 124-134.	3.5	67
85	Sign changes as a universal concept in first-passage-time calculations. <i>Physical Review E</i> , 2017, 95, 012114.	0.8	2
86	Aging underdamped scaled Brownian motion: Ensemble- and time-averaged particle displacements, nonergodicity, and the failure of the overdamping approximation. <i>Physical Review E</i> , 2017, 95, 012120.	0.8	40
87	First passage time statistics for two-channel diffusion. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 084001.	0.7	47
88	Long time scaling behaviour for diffusion with resetting and memory. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023208.	0.9	47
89	Interplay of interfacial noise and curvature-driven dynamics in two dimensions. <i>Physical Review E</i> , 2017, 95, 020101.	0.8	8
90	First Passage under Restart. <i>Physical Review Letters</i> , 2017, 118, 030603.	2.9	231

#	ARTICLE	IF	CITATIONS
91	Pickands's constant at first order in an expansion around Brownian motion. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 16LT04.	0.7	8
92	The continuous time random walk, still trendy: fifty-year history, state of art and outlook. <i>European Physical Journal B</i> , 2017, 90, 1.	0.6	84
93	Skewness and kurtosis of height distribution of thin films simulated by larger curvature model with noise reduction techniques. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 484, 299-308.	1.2	4
94	The Inviscid Burgers Equation with Fractional Brownian Initial Data: The Dimension of Regular Lagrangian Points. <i>Journal of Statistical Physics</i> , 2017, 167, 1546-1554.	0.5	8
95	Chiral Responsive Liquid Quantum Dots. <i>Advanced Materials</i> , 2017, 29, 1700296.	11.1	16
96	Record statistics of a strongly correlated time series: random walks and Lévy flights. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 333001.	0.7	35
97	Memory and Universality in Interface Growth. <i>Physical Review Letters</i> , 2017, 118, 125701.	2.9	31
98	Quantum walks: The first detected passage time problem. <i>Physical Review E</i> , 2017, 95, 032141.	0.8	46
99	Mean first-passage time of an anisotropic diffusive searcher. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 024001.	0.7	2
100	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.	0.5	4
101	An overview of the statistical properties of two-dimensional turbulence in fluids with particles, conducting fluids, fluids with polymer additives, binary-fluid mixtures, and superfluids. <i>Physics of Fluids</i> , 2017, 29, 111112.	1.6	27
102	Survival probability of random walks and Lévy flights on a semi-infinite line. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 465002.	0.7	13
103	Persistence of Gaussian processes: non-summable correlations. <i>Probability Theory and Related Fields</i> , 2017, 169, 1007-1039.	0.9	14
104	Conditioned random walks and interaction-driven condensation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 024005.	0.7	9
105	Efficient Low-Order Approximation of First-Passage Time Distributions. <i>Physical Review Letters</i> , 2017, 119, 210601.	2.9	13
106	Critical percolation in the dynamics of the 2D ferromagnetic Ising model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 113201.	0.9	20
107	Random Walks and Branching Processes in Correlated Gaussian Environment. <i>Journal of Statistical Physics</i> , 2017, 166, 1-23.	0.5	4
108	Kinetics of ferromagnetic ordering in 3D Ising model: how far do we understand the case of a zero temperature quench?. <i>European Physical Journal: Special Topics</i> , 2017, 226, 765-777.	1.2	8

#	ARTICLE	IF	CITATIONS
109	Degree distribution, rank-size distribution, and leadership persistence in mediation-driven attachment networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 469, 23-30.	1.2	12
110	Zero-temperature coarsening in the Ising model with asymmetric second-neighbor interactions in two dimensions. <i>Physical Review E</i> , 2017, 95, 052150.	0.8	8
111	Integral fluctuation theorems for stochastic resetting systems. <i>Physical Review E</i> , 2017, 96, 062135.	0.8	57
112	Collective rotations of active particles interacting with obstacles. <i>Europhysics Letters</i> , 2017, 120, 14001.	0.7	24
113	Coarsening and persistence in a one-dimensional system of orienting arrowheads: Domain-wall kinetics with $A+B \rightarrow O$ . <i>Physical Review E</i> , 2017, 95, 012147.	0.8	3
114	Heavy inertial particles in turbulent flows gain energy slowly but lose it rapidly. <i>Physical Review E</i> , 2018, 97, 033102.	0.8	12
115	Interface collisions. <i>Physical Review E</i> , 2018, 97, 040801.	0.8	2
116	Persistence of non-Markovian Gaussian stationary processes in discrete time. <i>Physical Review E</i> , 2018, 97, 040101.	0.8	1
117	Microscopic processes controlling the Herschel-Bulkley exponent. <i>Physical Review E</i> , 2018, 97, 012603.	0.8	19
118	Persistence Probabilities of Two-Sided (Integrated) Sums of Correlated Stationary Gaussian Sequences. <i>Journal of Statistical Physics</i> , 2018, 170, 784-799.	0.5	7
119	Acceleration of bursty multiprotein target search kinetics on DNA by colocalisation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7931-7946.	1.3	15
120	The Prandtl-Tomlinson model of friction with stochastic driving. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 013401.	0.9	11
121	Steady state, relaxation and first-passage properties of a run-and-tumble particle in one-dimension. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 043215.	0.9	157
122	Zero-crossing statistics for non-Markovian time series. <i>Physical Review E</i> , 2018, 97, 032114.	0.8	2
123	Narrow Escape of Interacting Diffusing Particles. <i>Physical Review Letters</i> , 2018, 120, 120601.	2.9	28
124	Persistence probabilities for stationary increment processes. <i>Stochastic Processes and Their Applications</i> , 2018, 128, 1750-1771.	0.4	15
125	Convex hulls of multidimensional random walks. <i>Transactions of the American Mathematical Society</i> , 2018, 370, 7985-8012.	0.5	9
126	Feynman-Kac equation revisited. <i>Physical Review E</i> , 2018, 98, .	0.8	11



#	ARTICLE	IF	CITATIONS
127	Active Brownian motion in two dimensions. Physical Review E, 2018, 98, .	0.8	78
128	Duality between relaxation and first passage in reversible Markov dynamics: rugged energy landscapes disentangled. New Journal of Physics, 2018, 20, 112002.	1.2	39
129	Persistence Exponents for Gaussian Random Fields of Fractional Brownian Motion Type. Journal of Statistical Physics, 2018, 173, 1587-1597.	0.5	3
130	Quantum dynamics with stochastic reset. Physical Review B, 2018, 98, .	1.1	58
131	Quantum mechanical tunnel nucleation of kink-solitons in a random potential. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 093104.	0.9	1
132	First-passage distributions for the one-dimensional Fokker-Planck equation. Physical Review E, 2018, 98, .	0.8	23
133	Run and tumble particle under resetting: a renewal approach. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 475003.	0.7	152
134	Diffusion-limited reactions in dynamic heterogeneous media. Nature Communications, 2018, 9, 4398.	5.8	110
135	Exact Persistence Exponent for the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Diffusion Equation and Related Kac Polynomials. Physical Review Letters, 2018, 121, 150601.	2.9	26
136	Extreme Narrow Escape: Shortest paths for the first particles among $n$ to reach a target window. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3449-3454.	0.9	23
137	Virtual walks in spin space: A study in a family of two-parameter models. Physical Review E, 2018, 97, 052122.	0.8	2
138	Kinetics of deposition in the diffusion-controlled limit. Physical Review E, 2018, 98, 012119.	0.8	0
139	First-passage dynamics of linear stochastic interface models: weak-noise theory and influence of boundary conditions. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 033213.	0.9	3
140	Random Search with Resetting: A Unified Renewal Approach. Physical Review Letters, 2018, 121, 050601.	2.9	170
141	Fluctuation identities with continuous monitoring and their application to the pricing of barrier options. European Journal of Operational Research, 2018, 271, 210-223.	3.5	25
142	Ordering statistics of four random walkers on a line. Physical Review E, 2018, 97, 052105.	0.8	2
143	Computing return times or return periods with rare event algorithms. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 043213.	0.9	27
144	First-passage dynamics of linear stochastic interface models: numerical simulations and entropic repulsion effect. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 033212.	0.9	8

#	ARTICLE	IF	CITATIONS
145	Universal first-passage statistics in aging media. <i>Physical Review E</i> , 2018, 98, 022125.	0.8	22
146	Asymptotics for the expected maximum of random walks and Lévy flights with a constant drift. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 083201.	0.9	11
147	Statistics of zero crossings in rough interfaces with fractional elasticity. <i>Physical Review E</i> , 2018, 97, 042129.	0.8	0
148	Critical Pólya urn. <i>Physical Review E</i> , 2018, 98, 022119.	0.8	4
149	Persistence of sums of correlated increments and clustering in cellular automata. <i>Stochastic Processes and Their Applications</i> , 2019, 129, 1132-1152.	0.4	7
150	Local time of diffusion with stochastic resetting. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 264002.	0.7	41
151	Survival probability of stochastic processes beyond persistence exponents. <i>Nature Communications</i> , 2019, 10, 2990.	5.8	16
152	Non-crossing Brownian Paths and Dyson Brownian Motion Under a Moving Boundary. <i>Journal of Statistical Physics</i> , 2019, 177, 752-805.	0.5	15
153	Tagged-Particle Statistics in Single-File Motion with Random-Acceleration and Langevin Dynamics. <i>Journal of Statistical Physics</i> , 2019, 177, 806-824.	0.5	2
154	Persistence Exponents via Perturbation Theory: AR(1)-Processes. <i>Journal of Statistical Physics</i> , 2019, 177, 651-665.	0.5	2
155	Motion of a Brownian particle in the presence of reactive boundaries. <i>Physical Review E</i> , 2019, 100, 042128.	0.8	14
156	Smoluchowski flux and lamb-lion problems for random walks and Lévy flights with a constant drift. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 083214.	0.9	1
157	Random search on comb. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 465001.	0.7	9
158	Gumbel central limit theorem for max-min and min-max. <i>Physical Review E</i> , 2019, 100, 020104.	0.8	6
159	Time-averaged height distribution of the Kardar-Parisi-Zhang interface. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 053207.	0.9	13
160	Persistence Probability of Random Weyl Polynomial. <i>Journal of Statistical Physics</i> , 2019, 176, 262-277.	0.5	0
161	Clustering number governs transition to acceleratory restart in drift-diffusion. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 255002.	0.7	71
162	Effect of bias in a reaction-diffusion system in two dimensions. <i>Physical Review E</i> , 2019, 99, 052123.	0.8	4

#	ARTICLE	IF	CITATIONS
163	Persistence Probabilities and a Decorrelation Inequality for the Rosenblatt Process and Hermite Processes. <i>Theory of Probability and Its Applications</i> , 2019, 63, 664-670.	0.1	2
164	Extreme value statistics of ergodic Markov processes from first passage times in the large deviation limit. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 244001.	0.7	36
165	A Fractional Diffusion Model with Resetting. <i>Lecture Notes in Computer Science</i> , 2019, , 509-516.	1.0	0
166	First passage under stochastic resetting in an interval. <i>Physical Review E</i> , 2019, 99, 032123.	0.8	95
167	Run-and-tumble particle in one-dimensional confining potentials: Steady-state, relaxation, and first-passage properties. <i>Physical Review E</i> , 2019, 99, 032132.	0.8	121
168	Interlacing relaxation and first-passage phenomena in reversible discrete and continuous space Markovian dynamics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 024002.	0.9	36
169	First passage of a particle in a potential under stochastic resetting: A vanishing transition of optimal resetting rate. <i>Physical Review E</i> , 2019, 99, 022130.	0.8	67
170	Manifestations of Projection-Induced Memory: General Theory and the Tilted Single File. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	15
171	First Hitting Times to Intermittent Targets. <i>Physical Review Letters</i> , 2019, 123, 250603.	2.9	17
172	Colloidal chemotaxis and a biased random walk model with finite mean first-passage time. <i>Europhysics Letters</i> , 2019, 128, 20001.	0.7	1
173	Noncrossing run-and-tumble particles on a line. <i>Physical Review E</i> , 2019, 100, 012113.	0.8	44
174	Effects of refractory period on stochastic resetting. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 01LT01.	0.7	86
175	First Passage under Restart with Branching. <i>Physical Review Letters</i> , 2019, 122, 020602.	2.9	55
176	Extreme value statistics of correlated random variables: A pedagogical review. <i>Physics Reports</i> , 2020, 840, 1-32.	10.3	113
177	Role of dimensions in first passage of a diffusing particle under stochastic resetting and attractive bias. <i>Physical Review E</i> , 2020, 102, 032145.	0.8	8
178	Analytical Survival Analysis of the Ornstein-Uhlenbeck Process. <i>Journal of Statistical Physics</i> , 2020, 181, 2404-2414.	0.5	6
179	Optimization in First-Passage Resetting. <i>Physical Review Letters</i> , 2020, 125, 050602.	2.9	63
180	Long route to consensus: Two-stage coarsening in a binary choice voting model. <i>Physical Review E</i> , 2020, 102, 012316.	0.8	12

#	ARTICLE	IF	CITATIONS
181	Active flow network generates molecular transport by packets: case of the endoplasmic reticulum. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200493.	1.2	11
182	Universal properties of a run-and-tumble particle in arbitrary dimension. Physical Review E, 2020, 102, 042133.	0.8	26
183	Experimental Realization of Diffusion with Stochastic Resetting. Journal of Physical Chemistry Letters, 2020, 11, 7350-7355.	2.1	135
184	Leadership Exponent in the Pursuit Problem for 1-D Random Particles. Journal of Statistical Physics, 2020, 181, 952-967.	0.5	1
185	First-encounter time of two diffusing particles in confinement. Physical Review E, 2020, 102, 032118.	0.8	15
186	Capture of a diffusive prey by multiple predators in confined space. Physical Review E, 2020, 102, 062109.	0.8	7
187	Anomalous persistence exponents for normal yet aging diffusion. Physical Review E, 2020, 102, 062115.	0.8	8
188	Protein hourglass: Exact first passage time distributions for protein thresholds. Physical Review E, 2020, 102, 052413.	0.8	7
189	Freezing Transition in the Barrier Crossing Rate of a Diffusing Particle. Physical Review Letters, 2020, 125, 200601.	2.9	14
190	Preface: new trends in first-passage methods and applications in the life sciences and engineering. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 190301.	0.7	23
191	Distribution of the time between maximum and minimum of random walks. Physical Review E, 2020, 101, 052111.	0.8	20
192	Numerical solution of the dynamical mean field theory of infinite-dimensional equilibrium liquids. Journal of Chemical Physics, 2020, 152, 164506.	1.2	20
193	Persistence in Brownian motion of an ellipsoidal particle in two dimensions. Journal of Chemical Physics, 2020, 152, 174901.	1.2	3
194	First-passage fingerprints of water diffusion near glutamine surfaces. Soft Matter, 2020, 16, 9202-9216.	1.2	8
195	Stochastic resetting and applications. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 193001.	0.7	313
196	Anomalous diffusion and random search in $\langle i \rangle xyz \langle /i \rangle$ -comb: exact results. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 053203.	0.9	7
197	Exact Spatiotemporal Dynamics of Confined Lattice Random Walks in Arbitrary Dimensions: A Century after Smoluchowski and PÅ³lya. Physical Review X, 2020, 10, .	2.8	24
198	Aging exponents for nonequilibrium dynamics following quenches from critical points. Physical Review E, 2020, 101, 062112.	0.8	0

#	ARTICLE	IF	CITATIONS
199	Penalizing fractional Brownian motion for being negative. Stochastic Processes and Their Applications, 2020, 130, 6625-6637.	0.4	0
200	Universal Survival Probability for a $d$ -Dimensional Run-and-Tumble Particle. Physical Review Letters, 2020, 124, 090603.	2.9	60
201	Persistence analysis of velocity and temperature fluctuations in convective surface layer turbulence. Physics of Fluids, 2020, 32, .	1.6	12
202	Diffusion with resetting in a logarithmic potential. Journal of Chemical Physics, 2020, 152, 234110.	1.2	71
203	Scaling of local persistence in the disordered contact process. Physical Review E, 2020, 102, 012108.	0.8	2
204	Direct Evidence for Universal Statistics of Stationary Kardar-Parisi-Zhang Interfaces. Physical Review Letters, 2020, 124, 250602.	2.9	6
205	Statistics of first-passage Brownian functionals. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 023202.	0.9	17
206	Numerical simulation of the trapping reaction with mobile and reacting traps. Physical Review E, 2020, 101, 042112.	0.8	5
207	Extreme escape from a cusp: When does geometry matter for the fastest Brownian particles moving in crowded cellular environments?. Journal of Chemical Physics, 2020, 152, 134104.	1.2	2
208	Persistence probabilities of height fluctuation in thin film growth of the Das Sarma-Tamborenea model. Indian Journal of Physics, 2021, 95, 187-193.	0.9	1
209	Persistence and Exit Times for Some Additive Functionals of Skew Bessel Processes. Journal of Theoretical Probability, 2021, 34, 363-390.	0.4	0
210	Limit Theorems for Random Walks with Absorption. Journal of Theoretical Probability, 2021, 34, 241-263.	0.4	0
211	Exact first-passage time distributions for three random diffusivity models. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 04LT01.	0.7	9
212	Optimization and growth in first-passage resetting. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 013203.	0.9	16
213	Position distribution in a generalized run-and-tumble process. Physical Review E, 2021, 103, 012130.	0.8	14
215	Infinite system of random walkers: winners and losers. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 065001.	0.7	0
216	First passage time distribution of active thermal particles in potentials. Physical Review Research, 2021, 3, .	1.3	6
217	Mean perimeter and area of the convex hull of a planar Brownian motion in the presence of resetting. Physical Review E, 2021, 103, 022135.	0.8	24

#	ARTICLE	IF	CITATIONS
218	Exact distributions of the maximum and range of random diffusivity processes. <i>New Journal of Physics</i> , 2021, 23, 023014.	1.2	8
219	Distribution of the span of one-dimensional confined random processes before hitting a target. <i>Physical Review E</i> , 2021, 103, 032107.	0.8	8
220	Universality Classes of Hitting Probabilities of Jump Processes. <i>Physical Review Letters</i> , 2021, 126, 100602.	2.9	6
221	Survival probability of a run-and-tumble particle in the presence of a drift. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 043211.	0.9	15
222	Resetting transition is governed by an interplay between thermal and potential energy. <i>Journal of Chemical Physics</i> , 2021, 154, 171103.	1.2	24
223	Toolbox for quantifying memory in dynamics along reaction coordinates. <i>Physical Review Research</i> , 2021, 3, .	1.3	9
224	A $\mathbb{Z}_2$ system in one dimension with particle motion determined by nearest neighbour distances: Results for parallel updates. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 569, 125754.	1.2	0
225	Universality for Persistence Exponents of Local Times of Self-Similar Processes with Stationary Increments. <i>Journal of Theoretical Probability</i> , 0, , 1.	0.4	1
226	Conformation-dependent sequence design of polymer chains in melts. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 235004.	0.7	0
227	Zero-temperature coarsening in the two-dimensional long-range Ising model. <i>Physical Review E</i> , 2021, 103, 052122.	0.8	7
228	The characterization of turbulent heat and moisture transport during a gust-front event over the Indian peninsula. <i>Environmental Fluid Mechanics</i> , 2021, 21, 907-924.	0.7	2
229	Random walks on complex networks with first-passage resetting. <i>Physical Review E</i> , 2021, 103, 062132.	0.8	15
230	Unified Approach to Gated Reactions on Networks. <i>Physical Review Letters</i> , 2021, 127, 018301.	2.9	10
231	Mean first passage time and absorption probabilities of a Lévy flier on a finite interval: discrete space and continuous limit via Fock space approach. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 325006.	0.7	2
232	Persistence exponents in Markov chains. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2021, 57, .	0.7	3
233	Dynamical phase transition in the first-passage probability of a Brownian motion. <i>Physical Review E</i> , 2021, 104, L012102.	0.8	12
234	Experimental Measurement of Relative Path Probabilities and Stochastic Actions. <i>Physical Review X</i> , 2021, 11, .	2.8	5
235	Diffusion and escape from polygonal channels: extreme values and geometric effects. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 073208.	0.9	3

#	ARTICLE	IF	CITATIONS
236	Mean-performance of sharp restart II: Inequality roadmap. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	8
237	Cell migration guided by long-lived spatial memory. Nature Communications, 2021, 12, 4118.	5.8	32
238	Active Brownian motion with directional reversals. Physical Review E, 2021, 104, L012601.	0.8	24
239	Thermodynamic uncertainty relation for first-passage times on Markov chains. Physical Review Research, 2021, 3, .	1.3	17
241	Backbone diffusion and first-passage dynamics in a comb structure with confining branches under stochastic resetting. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 404006.	0.7	18
242	Dynamics of a randomly kicked particle. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 425002.	0.7	2
243	Random walks on complex networks with multiple resetting nodes: A renewal approach. Chaos, 2021, 31, 093135.	1.0	10
244	Mitigating long transient time in deterministic systems by resetting. Chaos, 2021, 31, 011103.	1.0	20
245	Selfsimilarity of diffusions' first passage times. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 055003.	0.7	5
246	Persistence Probabilities and Exponents. Lecture Notes in Mathematics, 2015, , 183-224.	0.1	36
247	First passage of an active particle in the presence of passive crowders. Soft Matter, 2020, 16, 6138-6144.	1.2	22
248	Space-dependent diffusion with stochastic resetting: A first-passage study. Journal of Chemical Physics, 2020, 153, 234904.	1.2	31
249	Initial correlation dependence of aging in phase separating solid binary mixtures and ordering ferromagnets. Journal of Physics Condensed Matter, 2020, 32, 184005.	0.7	2
250	From single-particle stochastic kinetics to macroscopic reaction rates: fastest first-passage time of N random walkers. New Journal of Physics, 2020, 22, 103004.	1.2	32
251	Target finding in fibrous biological environments. New Journal of Physics, 2020, 22, 103008.	1.2	5
252	Mean first-passage time to a small absorbing target in an elongated planar domain. New Journal of Physics, 2020, 22, 113024.	1.2	12
253	First passage time for a diffusive process under a geometric constraint. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P09017.	0.9	6
254	First invader dynamics in diffusion-controlled absorption. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P06019.	0.9	12

#	ARTICLE	IF	CITATIONS
255	Joint distribution of multiple boundary local times and related first-passage time problems with multiple targets. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 103205.	0.9	19
256	Volume of the set of LOCC-convertible quantum states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 175303.	0.7	3
257	The moving-eigenvalue method: hitting time for It $\tilde{A}$ processes and moving boundaries. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 405201.	0.7	6
258	Random acceleration process under stochastic resetting. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 405005.	0.7	29
259	Universal survival probability for a correlated random walk and applications to records. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 495002.	0.7	17
260	Stochastic resetting with stochastic returns using external trap. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 025003.	0.7	40
261	Landau-like expansion for phase transitions in stochastic resetting. <i>Physical Review Research</i> , 2019, 1, .	1.3	64
262	Comparison of mechanisms of kinetochore capture with varying number of spindle microtubules. <i>Physical Review Research</i> , 2020, 2, .	1.3	13
263	Optimal mean first-passage time for a Brownian searcher subjected to resetting: Experimental and theoretical results. <i>Physical Review Research</i> , 2020, 2, .	1.3	106
264	First-passage-time problem for tracers in turbulent flows applied to virus spreading. <i>Physical Review Research</i> , 2020, 2, .	1.3	5
265	Spectral theory of fluctuations in time-average statistical mechanics of reversible and driven systems. <i>Physical Review Research</i> , 2020, 2, .	1.3	29
266	Search with home returns provides advantage under high uncertainty. <i>Physical Review Research</i> , 2020, 2, .	1.3	75
267	Persistence of some additive functionals of Sinai's walk. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2016, 52, .	0.7	5
269	A tale of two (and more) altruists. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 103405.	0.9	0
270	On the supremum of products of symmetric stable processes. <i>Electronic Communications in Probability</i> , 2018, 23, .	0.1	0
273	Monotonicity in the averaging process. <i>Journal of Physics A: Mathematical and Theoretical</i> , 0, , .	0.7	0
274	Kinetics of rare events for non-Markovian stationary processes and application to polymer dynamics. <i>Physical Review Research</i> , 2020, 2, .	1.3	2
275	Phase-ordering kinetics in the Allen-Cahn (Model A) class: Universal aspects elucidated by electrically induced transition in liquid crystals. <i>Physical Review E</i> , 2021, 104, 054103.	0.8	6



#	ARTICLE	IF	CITATIONS
276	First passage dynamics of stochastic motion in heterogeneous media driven by correlated white Gaussian and coloured non-Gaussian noises. <i>Journal of Physics Complexity</i> , 0, , .	0.9	6
277	Designing nonequilibrium states of quantum matter through stochastic resetting. <i>Physical Review B</i> , 2021, 104, .	1.1	18
278	Persistence discontinuity in disordered contact processes with long-range interactions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 083206.	0.9	1
279	Universal kinetics of imperfect reactions in confinement. <i>Communications Chemistry</i> , 2021, 4, .	2.0	10
280	Searching for clusters of targets under stochastic resetting. <i>European Physical Journal B</i> , 2021, 94, 1.	0.6	6
281	Optimal mean first-passage time of a Brownian searcher with resetting in one and two dimensions: experiments, theory and numerical tests. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 113203.	0.9	36
282	The Persistence Exponents of Gaussian Random Fields Connected by the Lamperti Transform. <i>Journal of Statistical Physics</i> , 2022, 186, 1.	0.5	0
284	Exact Distribution of Threshold Crossing Times for Protein Concentrations: Implication for Biological Timekeeping. <i>Physical Review Letters</i> , 2022, 128, 048101.	2.9	16
285	Survival probability of random walks leaping over traps. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 123203.	0.9	5
286	Measurement-induced criticality in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="double-struck"} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ -symmetric quantum automaton circuits. <i>Physical Review B</i> , 2022, 105, .	1.1	15
287	Statistics of the maximum and the convex hull of a Brownian motion in confined geometries. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 144002.	0.7	1
288	Self-Interacting Random Walks: Aging, Exploration, and First-Passage Times. <i>Physical Review X</i> , 2022, 12, .	2.8	5
289	Effective persistency evaluation via exact excursion distributions for random processes and fields. <i>Journal of Physics Communications</i> , 2022, 6, 035007.	0.5	1
290	First passage of a diffusing particle under stochastic resetting in bounded domains with spherical symmetry. <i>Physical Review E</i> , 2022, 105, 034109.	0.8	12
291	Lagrangian manifestation of anomalies in active turbulence. <i>Physical Review Fluids</i> , 2022, 7, .	1.0	6
292	Joint statistics of space and time exploration of one-dimensional random walks. <i>Physical Review E</i> , 2022, 105, 034116.	0.8	6
293	How smart should a forager be?. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 033402.	0.9	4
294	Persistence in complex systems. <i>Physics Reports</i> , 2022, 957, 1-73.	10.3	24

#	ARTICLE	IF	CITATIONS
295	Parallel Implementation of Random Walk Simulations with Different Movement Algorithms. , 2021, , .		0
296	Infinite randomness with continuously varying critical exponents in the random XYZ spin chain. Physical Review B, 2021, 104, .	1.1	3
297	First-passage Brownian functionals with stochastic resetting. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 234001.	0.7	16
298	Persistence of heavy-tailed sample averages: principle of infinitely many big jumps. Electronic Journal of Probability, 2022, 27, .	0.5	1
299	Asymptotics of the Persistence Exponent of Integrated Fractional Brownian Motion and Fractionally Integrated Brownian Motion. Theory of Probability and Its Applications, 2022, 67, 77-88.	0.1	4
300	Measurement-induced quantum walks. Physical Review E, 2022, 105, .	0.8	8
301	Depletion of resources by a population of diffusing species. Physical Review E, 2022, 105, .	0.8	14
302	Random walks on complex networks under node-dependent stochastic resetting. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 053201.	0.9	10
303	An exactly solvable predator prey model with resetting. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 274005.	0.7	15
304	A scale-wise analysis of intermittent momentum transport in dense canopy flows. Journal of Fluid Mechanics, 2022, 942, .	1.4	0
305	Non-self-averaging Lyapunov exponent in random conewise linear systems. Physical Review E, 2022, 105, .	0.8	1
306	Optimal Resetting Brownian Bridges via Enhanced Fluctuations. Physical Review Letters, 2022, 128, .	2.9	23
307	Freezing transitions of Brownian particles in confining potentials. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 063203.	0.9	6
308	Persistence probabilities of mixed FBM and other mixed processes. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	0
309	Mean-field description of aging linear response in athermal amorphous solids. Physical Review Materials, 2022, 6, .	0.9	1
310	Conditioning two diffusion processes with respect to their first-encounter properties. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	4
311	Occupation time of a renewal process coupled to a discrete Markov chain. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 063204.	0.9	0
312	First-passage-driven boundary recession. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 354002.	0.7	1

#	ARTICLE	IF	CITATIONS
313	Curvature-driven growth and interfacial noise in the voter model with self-induced zealots. <i>Physical Review E</i> , 2022, 106, .	0.8	3
314	Arrival time for the fastest among N switching stochastic particles. <i>European Physical Journal B</i> , 2022, 95, .	0.6	1
315	Enhancing search efficiency through diffusive echo. <i>Journal of Chemical Physics</i> , 2022, 157, .	1.2	2
316	Spatio-temporal dynamics of random transmission events: from information sharing to epidemic spread. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 375005.	0.7	5
317	First passage in discrete-time absorbing Markov chains under stochastic resetting. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 384005.	0.7	4
318	Sedimenting elastic filaments in turbulent flows. <i>Physical Review Fluids</i> , 2022, 7, .	1.0	1
319	Reducing mean first passage times with intermittent confining potentials: a realization of resetting processes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 093202.	0.9	7
320	Expediting Feller process with stochastic resetting. <i>Physical Review E</i> , 2022, 106, .	0.8	3
321	Mathematical, Thermodynamical, and Experimental Necessity for Coarse Graining Empirical Densities and Currents in Continuous Space. <i>Physical Review Letters</i> , 2022, 129, .	2.9	9
322	Everlasting impact of initial perturbations on first-passage times of non-Markovian random walks. <i>Nature Communications</i> , 2022, 13, .	5.8	4
323	A fresh look at the "hot hand" paradox. <i>Physica D: Nonlinear Phenomena</i> , 2022, , 133551.	1.3	0
324	Thermodynamics of quantum-jump trajectories of open quantum systems subject to stochastic resetting. <i>SciPost Physics</i> , 2022, 13, .	1.5	10
325	Trapping of active Brownian and run-and-tumble particles: A first-passage time approach. <i>Physical Review Research</i> , 2022, 4, .	1.3	8
326	Statistical properties of sites visited by independent random walks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 103208.	0.9	1
327	First-passage time of run-and-tumble particles with noninstantaneous resetting. <i>Physical Review E</i> , 2022, 106, .	0.8	9
328	Extreme value statistics of positive recurrent centrally biased random walks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 103209.	0.9	4
329	Conditioned diffusion processes with an absorbing boundary condition for finite or infinite horizon. <i>Physical Review E</i> , 2022, 106, .	0.8	3
330	Encounter-based approach to diffusion with resetting. <i>Physical Review E</i> , 2022, 106, .	0.8	6

#	ARTICLE	IF	CITATIONS
331	Persistence of an active asymmetric rigid Brownian particle in two dimensions. <i>Journal of Chemical Physics</i> , 0, , .	1.2	0
332	Time to reach the maximum for a stationary stochastic process. <i>Physical Review E</i> , 2022, 106, .	0.8	5
333	Asymptotic expansions for a class of Fredholm Pfaffians and interacting particle systems. <i>Annals of Probability</i> , 2022, 50, .	0.8	3
334	On correlations and fluctuations of time-averaged densities and currents with general time-dependence. <i>Journal of Physics A: Mathematical and Theoretical</i> , 0, , .	0.7	1
335	Nonequilibrium steady state for harmonically confined active particles. <i>Physical Review E</i> , 2022, 106, .	0.8	6
336	Multi-scale organization in communicating active matter. <i>Nature Communications</i> , 2022, 13, .	5.8	20
337	First passage statistics of active random walks on one and two dimensional lattices. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2022, 2022, 113208.	0.9	4
338	How large the number of redundant copies should be to make a rare event probable. <i>Physical Review E</i> , 2022, 106, .	0.8	0
339	Field theory of survival probabilities, extreme values, first-passage times, and mean span of non-Markovian stochastic processes. <i>Physical Review Research</i> , 2022, 4, .	1.3	1
340	Path integrals for fractional Brownian motion and fractional Gaussian noise. <i>Physical Review E</i> , 2022, 106, .	0.8	4
341	Exact calculation of the mean first-passage time of continuous-time random walks by nonhomogeneous Wiener-Hopf integral equations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 505003.	0.7	2
342	Capture of a diffusing lamb by a diffusing lion when both return home. <i>Physical Review E</i> , 2022, 106, .	0.8	4
343	Entropy of sharp restart. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2023, 56, 024002.	0.7	3
344	Records and Occupation Time Statistics for Area-Preserving Maps. <i>Entropy</i> , 2023, 25, 269.	1.1	0
345	Persistence probabilities of weighted sums of stationary Gaussian sequences. <i>Stochastic Processes and Their Applications</i> , 2023, 159, 286-319.	0.4	1
346	Universal exploration dynamics of random walks. <i>Nature Communications</i> , 2023, 14, .	5.8	4
347	A first look at first-passage processes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2023, 631, 128545.	1.2	3
348	Counting of level crossings for inertial random processes: Generalization of the Rice formula. <i>Physical Review E</i> , 2023, 107, .	0.8	0

#	ARTICLE	IF	CITATIONS
349	Feynman-Kac theory of time-integrated functionals: It $\tilde{A}$ ' versus functional calculus. Journal of Physics A: Mathematical and Theoretical, 2023, 56, 155002.	0.7	0
350	Stocks and cryptocurrencies: Antifragile or robust? A novel antifragility measure of the stock and cryptocurrency markets. PLoS ONE, 2023, 18, e0280487.	1.1	0
351	Quantum first detection of a quantum walker on a perturbed ring. Physical Review Research, 2023, 5, .	1.3	0
352	A sluggish random walk with subdiffusive spread. Journal of Statistical Mechanics: Theory and Experiment, 2023, 2023, 033211.	0.9	3