

Juan P Garrahan

List of Publications by Year in descending order

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167
papers

8,604
citations

41344

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167
all docs

167
docs citations

167
times ranked

3919
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics on the Way to Forming Glass: Bubbles in Space-Time. Annual Review of Physical Chemistry, 2010, 61, 191-217.	10.8	405
2	Geometrical Explanation and Scaling of Dynamical Heterogeneities in Glass Forming Systems. Physical Review Letters, 2002, 89, 035704.	7.8	383
3	Dynamic Order-Disorder in Atomistic Models of Structural Glass Formers. Science, 2009, 323, 1309-1313.	12.6	333
4	Coarse-grained microscopic model of glass formers. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9710-9714.	7.1	291
5	Perspective: The glass transition. Journal of Chemical Physics, 2013, 138, 12A301.	3.0	287
6	First-order dynamical phase transition in models of glasses: an approach based on ensembles of histories. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 075007.	2.1	272
7	Random Tiling and Topological Defects in a Two-Dimensional Molecular Network. Science, 2008, 322, 1077-1081.	12.6	224
8	Thermodynamics of Quantum Jump Trajectories. Physical Review Letters, 2010, 104, 160601.	7.8	209
9	Corresponding States of Structural Glass Formers. Journal of Physical Chemistry B, 2009, 113, 5563-5567.	2.6	207
10	Excitation lines and the breakdown of Stokes-Einstein relations in supercooled liquids. Physical Review E, 2004, 69, 061205.	2.1	200
11	Space-time thermodynamics of the glass transition. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10837-10840.	7.1	180
12	Dynamic Criticality in Glass-Forming Liquids. Physical Review Letters, 2004, 92, 185705.	7.8	163
13	Excitations Are Localized and Relaxation Is Hierarchical in Glass-Forming Liquids. Physical Review X, 2011, 1, .	8.9	151
14	Thermal Model for Adaptive Competition in a Market. Physical Review Letters, 1999, 83, 4429-4432.	7.8	139
15	Dynamical phases and intermittency of the dissipative quantum Ising model. Physical Review A, 2012, 85, .	2.5	133
16	Towards a Theory of Metastability in Open Quantum Dynamics. Physical Review Letters, 2016, 116, 240404.	7.8	132
17	Universal Nonequilibrium Properties of Dissipative Rydberg Gases. Physical Review Letters, 2014, 113, 210401.	7.8	115
18	Robustness of Many-Body Localization in the Presence of Dissipation. Physical Review Letters, 2016, 116, 237203.	7.8	115

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19	Dynamics of many-body localization in a translation-invariant quantum glass model. <i>Physical Review B</i> , 2015, 92, .	3.2	110
20	Real space origin of temperature crossovers in supercooled liquids. <i>Physical Review E</i> , 2003, 68, 041201.	2.1	106
21	Simple bounds on fluctuations and uncertainty relations for first-passage times of counting observables. <i>Physical Review E</i> , 2017, 95, 032134.	2.1	102
22	Corresponding States of Structural Glass Formers. II. <i>Journal of Physical Chemistry B</i> , 2010, 114, 17113-17119.	2.6	98
23	Kinetic Constraints, Hierarchical Relaxation, and Onset of Glassiness in Strongly Interacting and Dissipative Rydberg Gases. <i>Physical Review Letters</i> , 2013, 111, 215305.	7.8	98
24	Unraveling the Large Deviation Statistics of Markovian Open Quantum Systems. <i>Physical Review Letters</i> , 2019, 122, 130605.	7.8	97
25	Aspects of non-equilibrium in classical and quantum systems: Slow relaxation and glasses, dynamical large deviations, quantum non-ergodicity, and open quantum dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 504, 130-154.	2.6	95
26	Dynamical exchanges in facilitated models of supercooled liquids. <i>Journal of Chemical Physics</i> , 2005, 123, 084509.	3.0	93
27	Out-of-equilibrium structures in strongly interacting Rydberg gases with dissipation. <i>Physical Review A</i> , 2014, 90, .	2.5	91
28	Unified Thermodynamic Uncertainty Relations in Linear Response. <i>Physical Review Letters</i> , 2018, 121, 130601.	7.8	90
29	Lengthscale dependence of dynamic four-point susceptibilities in glass formers. <i>Physical Review E</i> , 2006, 74, 051501.	2.1	85
30	Decoupling of exchange and persistence times in atomistic models of glass formers. <i>Journal of Chemical Physics</i> , 2007, 127, 211101.	3.0	84
31	Heterogeneity and growing length scales in the dynamics of kinetically constrained lattice gases in two dimensions. <i>Physical Review E</i> , 2005, 72, 041106.	2.1	83
32	Calorimetric glass transition explained by hierarchical dynamic facilitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4482-4487.	7.1	81
33	Trajectory Phase Transitions, Lee-Yang Zeros, and High-Order Cumulants in Full Counting Statistics. <i>Physical Review Letters</i> , 2013, 110, 050601.	7.8	79
34	Experimental Determination of Dynamical Lee-Yang Zeros. <i>Physical Review Letters</i> , 2017, 118, 180601.	7.8	77
35	Nontopographic description of inherent structure dynamics in glassformers. <i>Journal of Chemical Physics</i> , 2003, 119, 4367-4371.	3.0	74
36	Quantum Slow Relaxation and Metastability due to Dynamical Constraints. <i>Physical Review Letters</i> , 2018, 121, 040603.	7.8	74

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37	Finite-temperature critical point of a glass transition. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12793-12798.	7.1	70
38	Making rare events typical in Markovian open quantum systems. Physical Review A, 2018, 98, .	2.5	67
39	Glassiness and constrained dynamics of a short-range nondisordered spin model. Physical Review E, 2000, 62, 7670-7678.	2.1	65
40	Characterization of Dynamical Phase Transitions in Quantum Jump Trajectories Beyond the Properties of the Stationary State. Physical Review Letters, 2013, 110, 150401.	7.8	62
41	Space-time thermodynamics and subsystem observables in a kinetically constrained model of glassy materials. Journal of Chemical Physics, 2006, 125, 184509.	3.0	60
42	Broken symmetry and the variation of critical properties in the phase behaviour of supramolecular rhombus tilings. Nature Chemistry, 2012, 4, 112-117.	13.6	60
43	Dynamical phase transitions as a resource for quantum enhanced metrology. Physical Review A, 2016, 93, .	2.5	60
44	Negative differential mobility of weakly driven particles in models of glass formers. Physical Review E, 2008, 78, 011506.	2.1	58
45	Quantum East Model: Localization, Nonthermal Eigenstates, and Slow Dynamics. Physical Review X, 2020, 10, .	8.9	57
46	Signatures of many-body localisation in a system without disorder and the relation to a glass transition. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 054047.	2.3	56
47	Numerical Study of a Fragile Three-Dimensional Kinetically Constrained Model. Journal of Physical Chemistry B, 2005, 109, 3578-3585.	2.6	54
48	Inactive dynamical phase of a symmetric exclusion process on a ring. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 175001.	2.1	52
49	Dynamic heterogeneity comes to life. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4701-4702.	7.1	51
50	Facilitated Spin Models of Dissipative Quantum Glasses. Physical Review Letters, 2012, 109, 020403.	7.8	50
51	Renormalization group study of a kinetically constrained model for strong glasses. Physical Review E, 2005, 71, 026128.	2.1	49
52	Continuous time dynamics of the thermal minority game. Physical Review E, 2000, 62, R9-R12.	2.1	48
53	Glassiness through the emergence of effective dynamical constraints in interacting systems. Journal of Physics Condensed Matter, 2002, 14, 1571-1579.	1.8	48
54	Preparation and Relaxation of Very Stable Glassy States of a Simulated Liquid. Physical Review Letters, 2011, 107, 275702.	7.8	48

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55	Thermalization of a Strongly Interacting Closed Spin System: From Coherent Many-Body Dynamics to a Fokker-Planck Equation. <i>Physical Review Letters</i> , 2012, 108, 110603.	7.8	47
56	Dynamical phase transitions, time-integrated observables, and geometry of states. <i>Physical Review B</i> , 2014, 89, .	3.2	47
57	Caging and mosaic length scales in plaquette spin models of glasses. <i>Journal of Chemical Physics</i> , 2005, 123, 164508.	3.0	46
58	Rare behavior of growth processes via umbrella sampling of trajectories. <i>Physical Review E</i> , 2018, 97, 032123.	2.1	46
59	Spectral properties of simple classical and quantum reset processes. <i>Physical Review E</i> , 2018, 98, 022129.	2.1	45
60	Quantum trajectory phase transitions in the micromaser. <i>Physical Review E</i> , 2011, 84, 021115.	2.1	43
61	Metastability in an open quantum Ising model. <i>Physical Review E</i> , 2016, 94, 052132.	2.1	42
62	Role of interactions in a dissipative many-body localized system. <i>Physical Review B</i> , 2017, 95, .	3.2	41
63	The Limited Role of Nonnative Contacts in the Folding Pathways of a Lattice Protein. <i>Journal of Molecular Biology</i> , 2009, 392, 1303-1314.	4.2	40
64	Using Matrix Product States to Study the Dynamical Large Deviations of Kinetically Constrained Models. <i>Physical Review Letters</i> , 2019, 123, 200601.	7.8	39
65	Index distribution of random matrices with an application to disordered systems. <i>Physical Review B</i> , 2000, 61, 3960-3970.	3.2	38
66	Metastable states and space-time phase transitions in a spin-glass model. <i>Physical Review E</i> , 2010, 81, 011111.	2.1	36
67	Thermalization in a Coherently Driven Ensemble of Two-Level Systems. <i>Physical Review Letters</i> , 2010, 105, 100603.	7.8	36
68	Kinetically constrained models. , 2011, , 341-369.		36
69	Fluctuating hydrodynamics, current fluctuations, and hyperuniformity in boundary-driven open quantum chains. <i>Physical Review E</i> , 2017, 96, 052118.	2.1	35
70	A reinforcement learning approach to rare trajectory sampling. <i>New Journal of Physics</i> , 2021, 23, 013013.	2.9	35
71	Molecular random tilings as glasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15209-15213.	7.1	33
72	Fluctuation-Dissipation Relations in the Activated Regime of Simple Strong-Glass Models. <i>Physical Review Letters</i> , 2002, 88, 225702.	7.8	32

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73	Thermodynamics of quadrature trajectories in open quantum systems. <i>Physical Review A</i> , 2012, 86, .	2.5	32
74	Fluctuating observation time ensembles in the thermodynamics of trajectories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P03012.	2.3	32
75	Phase Transition for Quenched Coupled Replicas in a Plaquette Spin Model of Glasses. <i>Physical Review Letters</i> , 2016, 116, 055702.	7.8	32
76	Static and dynamic length scales in a simple glassy plaquette model. <i>Physical Review E</i> , 2005, 72, 016103.	2.1	31
77	Time-integrated observables as order parameters for full counting statistics transitions in closed quantum systems. <i>Physical Review B</i> , 2013, 87, .	3.2	31
78	Non-equilibrium dynamics of spin facilitated glass models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P07017-P07017.	2.3	28
79	Random and Ordered Phases of Off-Lattice Rhombus Tiles. <i>Physical Review Letters</i> , 2012, 108, 035702.	7.8	28
80	Nonequilibrium Quantum Many-Body Rydberg Atom Engine. <i>Physical Review Letters</i> , 2020, 124, 170602.	7.8	27
81	Large Deviations at Level 2.5 for Markovian Open Quantum Systems: Quantum Jumps and Quantum State Diffusion. <i>Journal of Statistical Physics</i> , 2021, 184, 1.	1.2	27
82	Geometrical Picture of Dynamical Facilitation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6611-6615.	2.6	26
83	Enhancing correlation times for edge spins through dissipation. <i>Physical Review B</i> , 2018, 98, .	3.2	26
84	Crossover from fragile to strong glassy behavior in kinetically constrained systems. <i>Physical Review E</i> , 2001, 64, 021505.	2.1	25
85	Applicability of Dynamic Facilitation Theory to Binary Hard Disk Systems. <i>Physical Review Letters</i> , 2016, 117, 145701.	7.8	25
86	Phase transitions in trajectories of a superconducting single-electron transistor coupled to a resonator. <i>Physical Review E</i> , 2012, 85, 051122.	2.1	24
87	Rare-event trajectory ensemble analysis reveals metastable dynamical phases in lattice proteins. <i>Physical Review E</i> , 2014, 89, 032109.	2.1	24
88	Classical stochastic dynamics and continuous matrix product states: gauge transformations, conditioned and driven processes, and equivalence of trajectory ensembles. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 073208.	2.3	23
89	Exact large deviation statistics and trajectory phase transition of a deterministic boundary driven cellular automaton. <i>Physical Review E</i> , 2019, 100, 020103.	2.1	23
90	Localization in spin chains with facilitation constraints and disordered interactions. <i>Physical Review A</i> , 2019, 99, .	2.5	23

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91	Intermittency and dynamical Lee-Yang zeros of open quantum systems. <i>Physical Review E</i> , 2014, 90, 062128.	2.1	22
92	Energy distribution of maxima and minima in a one-dimensional random system. <i>Physical Review E</i> , 1999, 59, 2808-2811.	2.1	21
93	Overlap and activity glass transitions in plaquette spin models with hierarchical dynamics. <i>Physical Review E</i> , 2015, 92, 022115.	2.1	21
94	Theory of classical metastability in open quantum systems. <i>Physical Review Research</i> , 2021, 3, .	3.6	21
95	Transition in coupled replicas may not imply a finite-temperature ideal glass transition in glass-forming systems. <i>Physical Review E</i> , 2014, 89, 030301.	2.1	20
96	Front propagation versus bulk relaxation in the annealing dynamics of a kinetically constrained model of ultrastable glasses. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 074005.	2.3	20
97	Out-of-equilibrium evolution of kinetically constrained many-body quantum systems under purely dissipative dynamics. <i>Physical Review E</i> , 2014, 90, 042147.	2.1	19
98	Current fluctuations in boundary-driven quantum spin chains. <i>Physical Review B</i> , 2018, 98, .	3.2	19
99	Phases of quantum dimers from ensembles of classical stochastic trajectories. <i>Physical Review B</i> , 2018, 98, .	3.2	19
100	Thermodynamics of coarse-grained models of supercooled liquids. <i>Journal of Chemical Physics</i> , 2005, 123, 044511.	3.0	18
101	Trajectory phase transitions and dynamical Lee-Yang zeros of the Glauber-Ising chain. <i>Physical Review E</i> , 2013, 88, 012119.	2.1	18
102	Emergent Rhombus Tilings from Molecular Interactions with M -fold Rotational Symmetry. <i>Physical Review Letters</i> , 2015, 114, 115702.	7.8	18
103	Equivalence of matrix product ensembles of trajectories in open quantum systems. <i>Physical Review E</i> , 2015, 92, 012132.	2.1	17
104	Reinforcement learning of rare diffusive dynamics. <i>Journal of Chemical Physics</i> , 2021, 155, 134105.	3.0	17
105	Decoupling of Self-Diffusion and Structural Relaxation during a Fragile-to-Strong Crossover in a Kinetically Constrained Lattice Gas. <i>ChemPhysChem</i> , 2005, 6, 1783-1785.	2.1	16
106	Common Physical Framework Explains Phase Behavior and Dynamics of Atomic, Molecular, and Polymeric Network Formers. <i>Physical Review X</i> , 2014, 4, .	8.9	16
107	Ordering, flexibility and frustration in arrays of porphyrin nanorings. <i>Nature Communications</i> , 2019, 10, 2932.	12.8	16
108	Coherence, entanglement, and quantumness in closed and open systems with conserved charge, with an application to many-body localization. <i>Physical Review A</i> , 2019, 99, .	2.5	16

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109	Non-equilibrium absorbing state phase transitions in discrete-time quantum cellular automaton dynamics on spin lattices. Quantum Science and Technology, 2019, 4, 02LT02.	5.8	16
110	Optimal sampling of dynamical large deviations via matrix product states. Physical Review E, 2021, 103, 062144.	2.1	16
111	Fluctuation-dissipation relations in plaquette spin systems with multi-stage relaxation. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P12005-P12005.	2.3	15
112	Matrix product state of multi-time correlations. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 335001.	2.1	15
113	A deep learning functional estimator of optimal dynamics for sampling large deviations. Machine Learning: Science and Technology, 2020, 1, 035004.	5.0	15
114	Dynamics and large deviation transitions of the XOR-Fredrickson-Andersen kinetically constrained model. Physical Review E, 2020, 102, 052132.	2.1	15
115	Reply to "Comment on "Fluctuation-dissipation relations in the nonequilibrium critical dynamics of Ising models" Physical Review E, 2004, 70, .	2.1	14
116	Fast simulation of facilitated spin models. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P12010-P12010.	2.3	14
117	Publisher's Note: Excitations are localized and relaxation is hierarchical in glass-forming liquids [Phys. Rev. X 1, 021013 (2011)]. Physical Review X, 2011, 1, .	8.9	14
118	Spatial Complementarity and the Coexistence of Species. PLoS ONE, 2014, 9, e114979.	2.5	14
119	Similarity of ensembles of trajectories of reversible and irreversible growth processes. Physical Review E, 2017, 96, 042126.	2.1	14
120	Strong zero modes in a class of generalized Ising spin ladders with plaquette interactions. Physical Review B, 2019, 100, .	3.2	14
121	Exact solution of the Floquet-PXP cellular automaton. Physical Review E, 2020, 102, 062107.	2.1	14
122	Trajectory phase transitions in noninteracting spin systems. Physical Review E, 2020, 101, 042115.	2.1	14
123	Finite Time Large Deviations via Matrix Product States. Physical Review Letters, 2022, 128, 090605.	7.8	14
124	Cavagna et al. Reply. Physical Review Letters, 2000, 85, 5009-5009.	7.8	13
125	Generic map from non-Lindblad to Lindblad master equations. Physical Review A, 2015, 91, .	2.5	13
126	Using the $\langle \mathcal{O} \rangle$ ensemble to probe glasses formed by cooling and aging. Physical Review E, 2015, 92, 022304.	2.1	12

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127	Glassy dynamics due to a trajectory phase transition in dissipative Rydberg gases. <i>Physical Review A</i> , 2018, 98, .	2.5	12
128	Self-similar nonequilibrium dynamics of a many-body system with power-law interactions. <i>Physical Review E</i> , 2015, 92, 062144.	2.1	11
129	Dynamical criticality in open systems: Nonperturbative physics, microscopic origin, and direct observation. <i>Physical Review E</i> , 2018, 98, .	2.1	11
130	Glassy behaviour in simple kinetically constrained models: topological networks, lattice analogues and annihilation-diffusion. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 1673-1682.	1.8	10
131	Thermodynamics of trajectories of the one-dimensional Ising model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P12011.	2.3	10
132	Crystalline structures and frustration in a two-component Rydberg gas. <i>New Journal of Physics</i> , 2015, 17, 123017.	2.9	10
133	Solvation in Space-time: Pretransition Effects in Trajectory Space. <i>Physical Review Letters</i> , 2018, 120, 260602.	7.8	10
134	Dynamic heterogeneity in the Glauber's Ising chain. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2005, 2005, P05002.	2.3	9
135	Localization in space and time in disordered-lattice open quantum dynamics. <i>Physical Review E</i> , 2014, 89, 042129.	2.1	9
136	Glassy behavior in an exactly solved spin system with a ferromagnetic transition. <i>Physical Review E</i> , 2005, 71, 036112.	2.1	8
137	Dynamic propensity in a kinetically constrained lattice gas. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 205124.	1.8	8
138	Open quantum reaction-diffusion dynamics: Absorbing states and relaxation. <i>Physical Review E</i> , 2015, 91, 032132.	2.1	8
139	Emergence of cooperative dynamics in fully packed classical dimers. <i>Physical Review E</i> , 2016, 93, 032129.	2.1	8
140	Crossover from fragile to strong glassy behaviour in the spin facilitated chain model. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 1499-1507.	1.8	7
141	Facilitated spin models in one dimension: A real-space renormalization group study. <i>Physical Review E</i> , 2004, 70, 046129.	2.1	7
142	Entropically stabilized growth of a two-dimensional random tiling. <i>Physical Review E</i> , 2010, 82, 041109.	2.1	7
143	Metastable decoherence-free subspaces and electromagnetically induced transparency in interacting many-body systems. <i>Physical Review A</i> , 2017, 96, .	2.5	7
144	Accelerated relaxation and suppressed dynamic heterogeneity in a kinetically constrained (East) model with swaps. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 094006.	2.3	7

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145	Quantum accelerated approach to the thermal state of classical all-to-all connected spin systems with applications to pattern retrieval in the Hopfield neural network. <i>Physical Review A</i> , 2019, 99, .	2.5	7
146	Random matrix theory for quantum and classical metastability in local Liouvillians. <i>Physical Review B</i> , 2022, 105, .	3.2	7
147	Catching and reversing quantum jumps and thermodynamics of quantum trajectories. <i>Physical Review A</i> , 2018, 98, .	2.5	6
148	Theory for Glassy Behavior of Supercooled Liquid Mixtures. <i>Physical Review Letters</i> , 2019, 123, 100602.	7.8	6
149	Comparison of implicit solvent models and force fields in molecular dynamics simulations of the PB1 domain. <i>Chemical Physics Letters</i> , 2011, 515, 283-289.	2.6	5
150	Trajectory phases of a quantum dot model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 505001.	2.1	5
151	Meta-work and the analogous Jarzynski relation in ensembles of dynamical trajectories. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P09017.	2.3	4
152	Cumulants of time-integrated observables of closed quantum systems and PTsymmetry with an application to the quantum Ising chain. <i>Physical Review B</i> , 2014, 90, .	3.2	4
153	Symmetry-induced fluctuation relations for dynamical observables irrespective of their behavior under time reversal. <i>Physical Review E</i> , 2020, 101, 062142.	2.1	4
154	Exact solution of the ϵ -reversible cellular automaton. <i>Physical Review E</i> , 2022, 105, 034124.	2.1	4
155	Hierarchical classical metastability in an open quantum East model. <i>Physical Review E</i> , 2022, 105, 044121.	2.1	4
156	Becchi-Rouet-Stora-Tyutin quantization of a soliton model in 2+1 dimensions. <i>Physical Review D</i> , 1995, 51, 2950-2958.	4.7	3
157	Lagrangian Becchi-Rouet-Stora-Tyutin treatment of collective coordinates. <i>Physical Review D</i> , 1996, 53, 7176-7186.	4.7	3
158	Non-equilibrium fluctuations and metastability arising from non-additive interactions in dissipative multi-component Rydberg gases. <i>New Journal of Physics</i> , 2016, 18, 093054.	2.9	3
159	Symmetry-induced fluctuation relations in open quantum systems. <i>Physical Review E</i> , 2021, 104, 014108.	2.1	3
160	Solvable class of non-Markovian quantum multipartite dynamics. <i>Physical Review A</i> , 2021, 104, .	2.5	3
161	THE THERMAL MINORITY GAME. <i>International Journal of Theoretical and Applied Finance</i> , 2000, 03, 455-460.	0.5	2
162	Statistical physics of adaptive correlation of agents in a market. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	2

#	ARTICLE	IF	CITATIONS
163	Dynamic facilitation explains "democratic" particle motion of metabasin transitions. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 324006.	2.1	2
164	Study of the upper-critical dimension of the East model through the breakdown of the Stokes-Einstein relation. Journal of Chemical Physics, 2017, 147, 084504.	3.0	2
165	Physical swap dynamics, shortcuts to relaxation, and entropy production in dissipative Rydberg gases. Physical Review E, 2019, 100, 012110.	2.1	1
166	Virtual Issue in Memory of David Chandler. Journal of Physical Chemistry B, 2017, 121, 5309-5311.	2.6	0
167	Preface: Special issue "Unifying Concepts in Glass Physics VII". Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 104001.	2.3	0