

JosÃ© M Sancho

List of Publications by Year in descending order

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195
papers

6,199
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81900

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197
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197
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197
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	Landau theory for cellular patterns driven by lateral inhibition interaction. Physical Review E, 2020, 102, 032404.	2.1	4
2	Physical properties of voltage gated pores. European Physical Journal B, 2018, 91, 1.	1.5	2
3	Statistical Physics Approach to Thermophoresis of Colloids. Journal of Statistical Physics, 2018, 172, 1609-1616.	1.2	4
4	Brownian motion on random dynamical landscapes. European Physical Journal B, 2016, 89, 1.	1.5	5
5	A Tunable Magnetic Domain Wall Conduit Regulating Nanoparticle Diffusion. Nano Letters, 2016, 16, 5169-5175.	9.1	5
6	Brownian colloids in underdamped and overdamped regimes with nonhomogeneous temperature. Physical Review E, 2015, 92, 062110.	2.1	8
7	Pattern Selection by Dynamical Biochemical Signals. Biophysical Journal, 2015, 108, 1555-1565.	0.5	21
8	Molecular Na-channel excitability from statistical physics. Europhysics Letters, 2014, 108, 50008.	2.0	3
9	Single-molecule diffusion in a periodic potential at a solid-liquid interface. Soft Matter, 2014, 10, 753-759.	2.7	28
10	Theoretical study of a molecular turbine. Physical Review E, 2013, 88, 042705.	2.1	0
11	Transport and diffusion of overdamped Brownian particles in random potentials. Physical Review E, 2013, 88, 062105.	2.1	30
12	Unconventional dynamic hysteresis in a periodic assembly of paramagnetic colloids. Physical Review E, 2013, 87, 062301.	2.1	3
13	Speeding chemical reactions by focusing. Journal of Chemical Physics, 2013, 138, 144502.	3.0	0
14	Modeling the mechanochemistry of the γ -DNA translocation motor. Physical Review E, 2013, 87, .	2.1	6
15	Emergent bimodal firing patterns implement different encoding strategies during gamma-band oscillations. Frontiers in Computational Neuroscience, 2013, 7, 18.	2.1	12
16	WEAK DISORDER IN PERIODIC POTENTIALS: ANOMALOUS TRANSPORT AND DIFFUSION. Fluctuation and Noise Letters, 2012, 11, 1240004.	1.5	15
17	ON GENERATING RANDOM POTENTIALS. Fluctuation and Noise Letters, 2012, 11, 1250026.	1.5	16
18	POWER AND EFFICIENCY OF F1-ATPase MOLECULAR MOTOR. Fluctuation and Noise Letters, 2012, 11, 1240003.	1.5	0

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19	Physics of molecular machines operated by a particle flux. <i>Europhysics Letters</i> , 2012, 100, 40001.	2.0	2
20	Asymmetric Stochastic Switching Driven by Intrinsic Molecular Noise. <i>PLoS ONE</i> , 2012, 7, e31407.	2.5	55
21	Molecular motors in conservative and dissipative regimes. <i>Physical Review E</i> , 2011, 84, 041915.	2.1	8
22	Brownian colloidal particles: Ito, Stratonovich, or a different stochastic interpretation. <i>Physical Review E</i> , 2011, 84, 062102.	2.1	36
23	Weak Disorder: Anomalous Transport and Diffusion Are Normal Yet Again. <i>Physical Review Letters</i> , 2011, 106, 090602.	7.8	96
24	Electrostatic analysis of charge interactions in proteins. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 233-241.	2.0	0
25	Stochastic algorithms for discontinuous multiplicative white noise. <i>Physical Review E</i> , 2010, 81, 032104.	2.1	5
26	Fokker-Planck approach to molecular motors. <i>Europhysics Letters</i> , 2010, 91, 60001.	2.0	6
27	Theoretical Analysis of the F1-ATPase Experimental Data. <i>Biophysical Journal</i> , 2010, 98, 2591-2600.	0.5	12
28	Phase-response approach to firing-rate selectivity in neurons with subthreshold oscillations. <i>Physical Review E</i> , 2010, 82, 041908.	2.1	4
29	Two-state flashing molecular pump. <i>Europhysics Letters</i> , 2009, 86, 40002.	2.0	11
30	Analysis of the nucleotide-dependent conformations of kinesin-1 in the hydrolysis cycle. <i>Journal of Chemical Physics</i> , 2009, 131, 015104.	3.0	1
31	Theoretical study of a membrane channel gated by ATP. <i>European Physical Journal E</i> , 2009, 29, 329-336.	1.6	5
32	Diffusion coefficient in periodic and random potentials. <i>Physical Review E</i> , 2009, 80, 021123.	2.1	13
33	A unified phenomenological analysis of the experimental velocity curves in molecular motors. <i>Journal of Chemical Physics</i> , 2008, 128, 225107.	3.0	5
34	Charged particle transport in antidot lattices in the presence of magnetic and electric fields: Langevin approach. <i>Physical Review B</i> , 2008, 78, .	3.2	14
35	Brownian pump powered by a white-noise flashing ratchet. <i>Physical Review E</i> , 2008, 77, 031108.	2.1	26
36	Resonant Spike Propagation in Coupled Neurons with Subthreshold Activity. <i>Lecture Notes in Computer Science</i> , 2008, , 695-702.	1.3	3

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37	Kinetics and spatial organization in reactive systems with nonpassively advected reactants. Journal of Physics Condensed Matter, 2007, 19, 065132.	1.8	0
38	Langevin dynamics of A+A reactions in one dimension. Journal of Physics Condensed Matter, 2007, 19, 065108.	1.8	4
39	Dispersionless Transport in a Washboard Potential. Physical Review Letters, 2007, 98, 020602.	7.8	60
40	Analytical study of a flashing molecular pump. , 2007, , .		6
41	Spatiotemporal order out of noise. Reviews of Modern Physics, 2007, 79, 829-882.	45.6	433
42	Numerical study of A+A* and A+B* reactions with inertia. Journal of Chemical Physics, 2007, 127, 174506.	3.0	12
43	Self-Sustained Spatiotemporal Oscillations Induced by Membrane-Bulk Coupling. Physical Review Letters, 2007, 98, 168303.	7.8	38
44	Kinesin as an Electrostatic Machine. Journal of Biological Physics, 2007, 32, 455-463.	1.5	19
45	Tight coupling in thermal Brownian motors. Physical Review E, 2006, 74, 062102.	2.1	60
46	Analytical approach to sorting in periodic and random potentials. Physical Review E, 2006, 73, 041102.	2.1	32
47	Heat fluctuations in Brownian transducers. Physical Review E, 2006, 73, 045101.	2.1	19
48	Reply to "Comment on "Heat fluctuations in Brownian transducers". Physical Review E, 2006, 74, 2.1		0
49	Exported oscillator competition: A concept to analyze complex rhythms. Physical Review E, 2006, 73, 016206.	2.1	2
50	SORTING OF MESOSCOPIC PARTICLES DRIVEN THROUGH PERIODIC POTENTIAL LANDSCAPES. Modern Physics Letters B, 2006, 20, 1427-1442.	1.9	15
51	<title>Transport and diffusion on a body-centered-cubic bcc(110) surface under a constant external force (Keynote Address)</title>. , 2005, 5845, 201.		4
52	Transport and diffusion on crystalline surfaces under external forces. New Journal of Physics, 2005, 7, 29-29.	2.9	49
53	External mechanical force as an inhibition process in kinesin's motion. Biochemical Journal, 2005, 390, 345-349.	3.7	9
54	Unsolved Problems of Surface Diffusion at Low Friction. AIP Conference Proceedings, 2005, , .	0.4	3

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55	Particle separation by external fields on periodic surfaces. Journal of Physics Condensed Matter, 2005, 17, S4151-S4163.	1.8	9
56	Sancho et al. Reply. Physical Review Letters, 2005, 94, .	7.8	18
57	Physical analysis of a processive molecular motor: The conventional kinesin. Physical Review E, 2005, 72, 031918.	2.1	4
58	Symmetric Brownian motor. Physical Review E, 2005, 71, 021101.	2.1	23
59	Sorting on Periodic Surfaces. Physical Review Letters, 2005, 94, 160601.	7.8	87
60	Multiplicative white-noise-induced phase transitions: the role of the stochastic interpretation. , 2004, , .		0
61	Suppression of scroll wave turbulence by noise. Physical Review E, 2004, 70, 067201.	2.1	15
62	From subdiffusion to superdiffusion of particles on solid surfaces. Physical Review E, 2004, 70, 051104.	2.1	91
63	Spatial coherence resonance near pattern-forming instabilities. Europhysics Letters, 2004, 65, 452-458.	2.0	88
64	Modelization of surface diffusion of a molecular dimer. Physical Review E, 2004, 69, 051105.	2.1	20
65	Diffusion on a Solid Surface: Anomalous is Normal. Physical Review Letters, 2004, 92, 250601.	7.8	176
66	External noise in semiconductor lasers. , 2004, , .		1
67	Plankton blooms induced by turbulent flows. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 875-880.	2.6	43
68	Noise-driven mechanism for pattern formation. Physical Review E, 2003, 67, 021113.	2.1	60
69	Intrinsic noise-induced phase transitions: Beyond the noise interpretation. Physical Review E, 2003, 67, 046110.	2.1	54
70	Confinement of discrete breathers in inhomogeneously profiled nonlinear chains. Physical Review E, 2003, 67, 037601.	2.1	7
71	Excitability transitions and wave dynamics under spatiotemporal structured noise. Physical Review E, 2002, 65, 066107.	2.1	22
72	Interaction of a discrete breather with a lattice junction. Physical Review E, 2002, 66, 036617.	2.1	14

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73	Pulse propagation sustained by noise in arrays of bistable electronic circuits. <i>Physical Review E</i> , 2002, 65, 061108.	2.1	24
74	Dynamical properties of discrete breathers in curved chains with first and second neighbor interactions. <i>Physical Review E</i> , 2002, 65, 041902.	2.1	27
75	Coherence and anticoherence resonance tuned by noise. <i>Physical Review E</i> , 2002, 66, 045105.	2.1	61
76	Binary reaction of nonpassively advected particles immersed in turbulent flows. <i>Journal of Chemical Physics</i> , 2002, 117, 258-265.	3.0	2
77	NOISE-INDUCED PHASE TRANSITIONS BY NONLINEAR INSTABILITY MECHANISM. <i>Fluctuation and Noise Letters</i> , 2002, 02, L1-L11.	1.5	7
78	WAVE PATTERN DYNAMICS IN FLUCTUATING MEDIA. <i>International Journal of Modern Physics C</i> , 2002, 13, 1243-1252.	1.7	1
79	Transport of localized vibrational energy in biopolymer models with rigidity. <i>Europhysics Letters</i> , 2002, 57, 697-703.	2.0	25
80	FIRST PASSAGE TIME STATISTICS FOR SYSTEMS DRIVEN BY LONG RANGE CORRELATED GAUSSIAN NOISES. <i>Fluctuation and Noise Letters</i> , 2002, 02, L79-L100.	1.5	10
81	Effect of external noise correlation in optical coherence resonance. <i>Physical Review E</i> , 2001, 64, 051109.	2.1	35
82	Noise-Induced Scenario for Inverted Phase Diagrams. <i>Physical Review Letters</i> , 2001, 87, .	7.8	47
83	Resonant motion of discrete breathers in curved nonlinear chains. <i>Journal of Physics A</i> , 2001, 34, 8465-8475.	1.6	10
84	Selection, shape, and relaxation of fronts: A numerical study of the effects of inertia. <i>Physical Review E</i> , 2001, 63, 056608.	2.1	13
85	Inertial effects on reactive particles advected by turbulence. <i>Physical Review E</i> , 2001, 64, 026307.	2.1	16
86	Regular Wave Propagation Out of Noise in Chemical Active Media. <i>Physical Review Letters</i> , 2001, 87, 078302.	7.8	91
87	Front dynamics in the presence of spatiotemporal structured noises. <i>Physical Review E</i> , 2001, 64, 016129.	2.1	21
88	Noise-enhanced excitability in bistable activator-inhibitor media. <i>Physical Review E</i> , 2001, 65, 011105.	2.1	36
89	Noise-sustained signal propagation. <i>Europhysics Letters</i> , 2000, 50, 427-433.	2.0	23
90	Harvesting thermal fluctuations: Activation process induced by a nonlinear chain in thermal equilibrium. <i>Journal of Chemical Physics</i> , 2000, 112, 10615-10624.	3.0	10

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91	Brownian Motion of Spiral Waves Driven by Spatiotemporal Structured Noise. Physical Review Letters, 2000, 84, 2734-2737.	7.8	73
92	Particle dispersion in synthetic turbulent flows. Physical Review E, 2000, 62, 4997-5005.	2.1	4
93	Lifetime enhancement of scroll rings by spatiotemporal fluctuations. Physical Review E, 2000, 62, 94-99.	2.1	26
94	Noise-Induced Order in Extended Systems: A Tutorial. , 2000, , 235-246.		7
95	Linear Instability Mechanisms of Noise-Induced Phase Transitions. , 2000, , 247-256.		0
96	EFFECTS OF A QUIENCHED DISORDER ON WAVE PROPAGATION IN EXCITABLE MEDIA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1999, 09, 2353-2361.	1.7	2
97	Noise in Spatially Extended Systems. Institute for Nonlinear Science, 1999, , .	0.2	514
98	Noise-induced fronts. Physical Review E, 1999, 59, 98-102.	2.1	31
99	Evaporation and coarsening dynamics with open boundaries. Physical Review E, 1999, 59, 189-193.	2.1	1
100	Noise-induced phase separation: Mean-field results. Physical Review E, 1999, 60, 3597-3605.	2.1	27
101	On the generalized Kramers problem with oscillatory memory friction. Journal of Chemical Physics, 1999, 111, 676-688.	3.0	6
102	On the generalized Kramers problem with exponential memory friction. Physica D: Nonlinear Phenomena, 1999, 133, 348-361.	2.8	16
103	Generation of Short and Long Range Temporal Correlated Noises. Journal of Computational Physics, 1999, 156, 1-11.	3.8	34
104	The Kramers problem in the energy-diffusion limited regime. Journal of Chemical Physics, 1998, 109, 9888-9900.	3.0	32
105	Phase separation driven by external fluctuations. Europhysics Letters, 1998, 42, 125-130.	2.0	34
106	Ballistic and diffusive corrections to front propagation in the presence of multiplicative noise. Physical Review E, 1998, 58, 5494-5500.	2.1	60
107	Competitive evaporation in arrays of droplets. Physical Review E, 1998, 57, 6198-6201.	2.1	15
108	Brownian motion in short range random potentials. Physical Review E, 1998, 58, 2833-2837.	2.1	41

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109	Wave Propagation in a Medium with Disordered Excitability. <i>Physical Review Letters</i> , 1998, 80, 5437-5440.	7.8	47
110	Nonequilibrium transitions induced by multiplicative noise. <i>Physical Review E</i> , 1998, 57, R2495-R2498.	2.1	29
111	Nonclassical Kinetics in Constrained Geometries: Initial Distribution Effects. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1998, 08, 853-868.	1.7	14
112	Spatial organization in the $A+B\hat{\rightarrow}O$ reaction under confined-scale mixing. <i>Journal of Chemical Physics</i> , 1997, 107, 843-848.	3.0	15
113	Fluctuation-Dominated Kinetics under Stirring. <i>Physical Review Letters</i> , 1997, 78, 741-744.	7.8	25
114	Diffusion in spatially and temporarily inhomogeneous media: Effects of turbulent mixing. <i>Physical Review E</i> , 1997, 56, 1660-1666.	2.1	0
115	Wave competition in excitable modulated media. <i>Physical Review E</i> , 1997, 56, 6298-6301.	2.1	18
116	Front propagation in spatially modulated media. <i>Physical Review E</i> , 1997, 56, 5405-5412.	2.1	7
117	Langevin approach to generate synthetic turbulent flows. <i>Physics of Fluids</i> , 1997, 9, 1078-1084.	4.0	29
118	Reaction-diffusion fronts under stochastic advection. <i>Physical Review E</i> , 1997, 56, 1729-1732.	2.1	1
119	Statistics of transverse mode turn-on dynamics in VCSELs. <i>IEEE Journal of Quantum Electronics</i> , 1997, 33, 1197-1204.	1.9	34
120	Frequency dynamics of gain-switched injection-locked semiconductor lasers. <i>IEEE Journal of Quantum Electronics</i> , 1997, 33, 1537-1542.	1.9	26
121	Synthetic random flows: Generation and applications. , 1997, , 346-357.		1
122	Langevin Approach to Synthetic Turbulence and Applications. <i>Lecture Notes in Physics</i> , 1997, , 294-294.	0.7	0
123	Spatial correlations and cross sections of clusters in the $A+B\hat{\rightarrow}O$ reaction. <i>Physical Review E</i> , 1996, 53, 3167-3172.	2.1	13
124	External Fluctuations in Front Propagation. <i>Physical Review Letters</i> , 1996, 76, 3045-3048.	7.8	53
125	Diffusion in spatially and temporarily inhomogeneous media. <i>Physical Review E</i> , 1996, 54, 5028-5036.	2.1	2
126	Kinetics of the $A+B\hat{\rightarrow}O$ reaction under steady and turbulent flows. <i>Journal of Chemical Physics</i> , 1996, 105, 10925-10933.	3.0	13

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127	External fluctuations in a pattern-forming instability. <i>Physical Review E</i> , 1996, 53, 5680-5689.	2.1	27
128	Reentrant transition induced by multiplicative noise in the time-dependent Ginzburg-Landau model. <i>Physical Review E</i> , 1996, 54, 6918-6921.	2.1	58
129	A + B $\hat{\rightarrow}$ O Reaction with Different Initial Patterns. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19066-19074.	2.9	27
130	Pattern and velocity selection of fronts propagating in modulated media. <i>Europhysics Letters</i> , 1996, 33, 429-434.	2.0	10
131	Transient dynamics of a single-mode semiconductor laser subjected to both optical feedback and external light injection. <i>Optical and Quantum Electronics</i> , 1995, 27, 755-760.	3.3	2
132	Analytical calculations of switch-on time and timing jitter in diode lasers subjected to optical feedback and external light injection. <i>Optics Communications</i> , 1995, 115, 523-527.	2.1	16
133	Turn-on-time statistics of modulated lasers subjected to resonant weak optical feedback. <i>Physical Review A</i> , 1995, 52, 4187-4193.	2.5	4
134	Phase Separation Dynamics under Stirring. <i>Physical Review Letters</i> , 1995, 75, 1791-1794.	7.8	18
135	Phase Separation Dynamics in a Concentration Gradient. <i>Europhysics Letters</i> , 1994, 27, 291-297.	2.0	16
136	Diffusion of passive scalars under stochastic convection. <i>Physics of Fluids</i> , 1994, 6, 349-355.	4.0	12
137	Transient dynamics of a laser under a fluctuating weak external field. <i>Optics Communications</i> , 1994, 109, 435-440.	2.1	15
138	Colored noise in spatially extended systems. <i>Physical Review E</i> , 1994, 49, 2769-2778.	2.1	46
139	Effective diffusion in a stochastic velocity field. <i>Journal of Statistical Physics</i> , 1993, 71, 235-242.	1.2	18
140	Stochastic generation of homogeneous isotropic turbulence with well-defined spectra. <i>Physical Review E</i> , 1993, 48, 2279-2287.	2.1	52
141	Effects of External Noise on the Swift-Hohenberg Equation. <i>Physical Review Letters</i> , 1993, 71, 1542-1545.	7.8	121
142	Detection of a weak external signal via the switch-on-time statistics of a semiconductor laser. <i>Physical Review A</i> , 1993, 47, 3390-3395.	2.5	10
143	Front and domain growth in the presence of gravity. <i>Physical Review B</i> , 1993, 48, 9418-9425.	3.2	15
144	Nonlinear-relaxation-time and quasideterministic-theory approaches to characterize the decay of unstable states. <i>Physical Review E</i> , 1993, 47, 1558-1562.	2.1	10

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145	Effects of domain morphology in phase-separation dynamics at low temperature. <i>Physical Review B</i> , 1993, 48, 6854-6857.	3.2	18
146	Fluctuations in domain growth: Ginzburg-Landau equations with multiplicative noise. <i>Physical Review B</i> , 1993, 48, 119-124.	3.2	18
147	Numerical algorithm for Ginzburg-Landau equations with multiplicative noise: Application to domain growth. <i>Physical Review B</i> , 1993, 48, 125-131.	3.2	63
148	Multiplicative Noise in Domain Growth: Stochastic Ginzburg-Landau Equations. <i>NATO ASI Series Series B: Physics</i> , 1993, , 353-361.	0.2	0
149	NLRT formalism for asymmetric dichotomous Markov noise. <i>Journal of Physics A</i> , 1992, 25, 6179-6186.	1.6	0
150	Domain growth in binary mixtures at low temperatures. <i>Physical Review B</i> , 1992, 45, 5276-5281.	3.2	50
151	Generation of spatiotemporal colored noise. <i>Physical Review A</i> , 1992, 46, 4670-4675.	2.5	54
152	A nonequilibrium phase transition with colored noise. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 168, 35-39.	2.1	28
153	Nonlinear relaxation time and the detection of weak signals. <i>Physical Review A</i> , 1991, 43, 589-590.	2.5	13
154	First-passage times for a marginal state driven by colored noise. <i>Physical Review A</i> , 1991, 43, 663-668.	2.5	15
155	Detection of Weak Optical Signals in a Laser. <i>Springer Proceedings in Physics</i> , 1991, , 323-326.	0.2	0
156	Macroscopic stochasticity in the chlorite-iodide reaction. <i>Reaction Kinetics and Catalysis Letters</i> , 1990, 42, 427-433.	0.6	0
157	From lattice-gas models to nonlinear diffusion models: A derivation of macroscopic equations and fluctuations. <i>Physical Review A</i> , 1990, 42, 6234-6237.	2.5	3
158	Stochastic dynamics of the chlorite-iodide reaction. <i>Journal of Chemical Physics</i> , 1990, 92, 4786-4792.	3.0	6
159	A classical particle in heat bath under the influence of external noise. <i>Journal of Mathematical Physics</i> , 1989, 30, 2023-2027.	1.1	22
160	Relaxation from a marginal state in optical bistability. <i>Physical Review A</i> , 1989, 39, 149-156.	2.5	44
161	Decay of unstable states in the presence of colored noise and random initial conditions. II. Analog experiments and digital simulations. <i>Physical Review A</i> , 1989, 40, 5915-5921.	2.5	12
162	Decay of unstable states in the presence of colored noise and random initial conditions. I. Theory of nonlinear relaxation times. <i>Physical Review A</i> , 1989, 40, 5905-5914.	2.5	26

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163	Passage times for the decay of an unstable state triggered by colored noise. <i>Physical Review A</i> , 1989, 39, 2722-2724.	2.5	29
164	Transient and preparation colored-noise effects: The nonlinear relaxation-time approach. <i>Physical Review A</i> , 1989, 39, 4915-4918.	2.5	10
165	Linear relaxation times of stochastic processes driven by non-Gaussian noises. <i>Journal of Statistical Physics</i> , 1989, 56, 911-929.	1.2	3
166	First-passage time in a bistable potential with colored noise. <i>Physical Review A</i> , 1989, 40, 2120-2127.	2.5	27
167	Escape over a potential barrier driven by colored noise: Large but finite correlation times. <i>Physical Review A</i> , 1988, 38, 3827-3829.	2.5	27
168	A Langevin approach to the macroscopic stochasticity of chemical systems. <i>Journal of Chemical Physics</i> , 1988, 89, 3793-3798.	3.0	6
169	Higher-order colored-noise effects in multivariable systems. <i>Physical Review A</i> , 1988, 37, 4469-4473.	2.5	10
170	Relaxation times of non-Markovian processes. <i>Physical Review A</i> , 1987, 35, 5183-5190.	2.5	29
171	Theory for the Transient Statistics of a Dye Laser. <i>Physical Review Letters</i> , 1986, 56, 2473-2476.	7.8	72
172	Mean first-passage time of continuous non-Markovian processes driven by colored noise. <i>Physical Review A</i> , 1986, 33, 3399-3403.	2.5	38
173	Decay of an unstable state in the presence of multiplicative noise. <i>Physical Review A</i> , 1986, 33, 4360-4366.	2.5	24
174	Master equation description of external poisson white noise in finite systems. <i>Journal of Statistical Physics</i> , 1985, 40, 669-724.	1.2	23
175	Relaxation times in a bistable system with parametric, white noise: Theory and experiment. <i>Physical Review A</i> , 1985, 32, 3639-3646.	2.5	25
176	External dichotomous noise: The problem of the mean-first-passage time. <i>Physical Review A</i> , 1985, 31, 3523-3525.	2.5	37
177	Relaxation time of processes driven by multiplicative noise. <i>Physical Review A</i> , 1984, 29, 3388-3396.	2.5	79
178	Stochastic processes driven by dichotomous Markov noise: Some exact dynamical results. <i>Journal of Mathematical Physics</i> , 1984, 25, 354-359.	1.1	57
179	Nonmarkovian dynamics of stochastic differential equations with quadratic noise. <i>European Physical Journal B</i> , 1984, 55, 269-282.	1.5	20
180	Theory of external two-state Markov noise in the presence of internal fluctuations. <i>Journal of Statistical Physics</i> , 1984, 37, 151-172.	1.2	22

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181	Unified theory of internal and external fluctuations. , 1984, , 337-352.		1
182	Dynamical Aspects of External Nonwhite Noise. Springer Proceedings in Physics, 1984, , 114-123.	0.2	1
183	Joint probability distribution of nonmarkovian SDE. European Physical Journal B, 1983, 52, 335-343.	1.5	35
184	Some Results in the Description of Systems under the Influence of Dichotomous Noise. Progress of Theoretical Physics, 1983, 69, 1085-1090.	2.0	20
185	Analytical and numerical studies of multiplicative noise. Physical Review A, 1982, 26, 1589-1609.	2.5	569
186	External non-white noise: Theory and experiment. Physica A: Statistical Mechanics and Its Applications, 1982, 116, 560-572.	2.6	37
187	Adiabatic elimination for systems of Brownian particles with nonconstant damping coefficients. Journal of Statistical Physics, 1982, 28, 291-305.	1.2	171
188	Theory of nonlinear Gaussian noise. Zeitschrift für Physik B Condensed Matter and Quanta, 1981, 43, 361-372.	1.9	53
189	Multiplicative Ornstein Uhlenbeck Noise in Nonequilibrium Phenomena. Springer Series in Synergetics, 1981, , 137-150.	0.4	3
190	A colored-noise approach to Brownian motion in position space. Corrections to the Smoluchowski equation. Journal of Statistical Physics, 1980, 22, 605-624.	1.2	117
191	Fokker-Planck approximation for N-dimensional nonmarkovian langevin equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 76, 97-100.	2.1	41
192	External non-white noise and nonequilibrium phase transitions. Zeitschrift für Physik B Condensed Matter and Quanta, 1980, 36, 357-364.	1.9	56
193	On the Fokker-Planck Dynamics Approach to Langevin Equations. Progress of Theoretical Physics, 1980, 63, 62-71.	2.0	1
194	Finite-size scaling theory for non-linear relaxation. Journal of Physics A, 1980, 13, L443-L447.	1.6	9
195	Brownian motion in shear flow. Physica A: Statistical Mechanics and Its Applications, 1979, 99, 357-364.	2.6	28