Pak Ming Hui

List of Publications by Year
in descending order

230 papers	6,161 citations	76326 40 h-index	106344 65 g-index
233 all docs	233 docs citations	233 times ranked	2492 citing authors

#	Article	IF	Citations
1	Nonlinear susceptibilities of granular matter. Physical Review B, 1988, 37, 8719-8724.	3.2	299
2	Effective-medium theory for weakly nonlinear composites. Physical Review B, 1988, 38, 10970-10973.	3.2	240
3	Cellular automata models of traffic flow along a highway containing a junction. Journal of Physics A, 1996, 29, 3119-3127.	1.6	231
4	Self-Organized Segregation within an Evolving Population. Physical Review Letters, 1999, 82, 3360-3363.	7.8	133
5	Valence-Band-Offset Controversy in HgTe/CdTe Superlattices: A Possible Resolution. Physical Review Letters, 1988, 61, 1993-1995.	7.8	113
6	Two-dimensional traffic flow problems with faulty traffic lights. Physical Review E, 1995, 51, 772-774.	2.1	109
7	From market games to real-world markets. European Physical Journal B, 2001, 20, 493-501.	1.5	106
8	Electronic and optical properties of III-V and II-VI semiconductor superlattices. Physical Review B, 1990, 41, 3655-3669.	3.2	105
9	Cooperative behavior in a model of evolutionary snowdrift games with N-person interactions. Europhysics Letters, 2007, 80, 18002.	2.0	98
10	Effects of Announcing Global Information in a Two-Route Traffic Flow Model. Journal of the Physical Society of Japan, 2001, 70, 3507-3510.	1.6	92
11	Crowd effects and volatility in markets with competing agents. Physica A: Statistical Mechanics and Its Applications, 1999, 269, 1-8.	2.6	91
12	How events determine spreading patterns: information transmission via internal and external influences on social networks. New Journal of Physics, 2015, 17, 113045.	2.9	90
13	Effective dielectric response of nonlinear composites. Physical Review B, 1993, 47, 14150-14156.	3.2	89
14	Networking effects on cooperation in evolutionary snowdrift game. Europhysics Letters, 2006, 76, 724-730.	2.0	86
15	Theory of Faraday rotation in granular magnetic materials. Journal of Applied Physics, 1990, 67, 2736-2741.	2.5	85
16	Title is missing!. Journal of Materials Science, 1999, 34, 5497-5503.	3.7	83
17	Self-adjusting routing schemes for time-varying traffic in scale-free networks. Physical Review E, 2009, 80, 026114.	2.1	83
18	An adaptive routing strategy for packet delivery in complex networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 177-182.	2.1	81

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19	Theory of Faraday rotation by dilute suspensions of small particles. Applied Physics Letters, 1987, 50, 950-952.	3.3	77
20	Volatility and agent adaptability in a self-organizing market. Physica A: Statistical Mechanics and Its Applications, 1998, 258, 230-236.	2.6	77
21	Weighted scale-free networks with stochastic weight assignments. Physical Review E, 2003, 67, 040102.	2.1	76
22	Complex dielectric response of metal-particle clusters. Physical Review B, 1986, 33, 2163-2169.	3.2	74
23	Human group formation in online guilds and offline gangs driven by a common team dynamic. Physical Review E, 2009, 79, 066117.	2.1	69
24	An efficient approach of controlling traffic congestion in scale-free networks. Physica A: Statistical Mechanics and Its Applications, 2006, 370, 843-853.	2.6	66
25	Crowd–anticrowd theory of the minority game. Physica A: Statistical Mechanics and Its Applications, 2001, 298, 537-544.	2.6	62
26	Phase transition and hysteresis loop in structured games with global updating. Physical Review E, 2008, 77, 046109.	2.1	60
27	Theory of third harmonic generation in random composites of nonlinear dielectrics. Journal of Applied Physics, 1998, 84, 3451-3458.	2.5	59
28	Electronic transport properties of Sierpinski lattices. Physical Review B, 1999, 60, 13444-13452.	3.2	58
29	Theory of the evolutionary minority game. Physical Review E, 2000, 62, 4393-4396.	2.1	57
30	An Efficient Immunization Strategy for Community Networks. PLoS ONE, 2013, 8, e83489.	2.5	55
31	Dynamics of opinion formation in a small-world network. Physical Review E, 2006, 73, 056128.	2.1	54
32	Effective conductivity of nonlinear composites of spherical particles: A perturbation approach. Physical Review B, 1993, 47, 1782-1787.	3.2	51
33	Crowd-anticrowd theory of multi-agent market games. European Physical Journal B, 2001, 20, 547-550.	1.5	48
34	Nonuniversal breakdown behavior in superconducting and dielectric composites. Physical Review B, 1987, 36, 1956-1961.	3.2	47
35	Traffic Flow Problems in One-Dimensional Inhomogeneous Media. Journal of the Physical Society of Japan, 1994, 63, 4338-4341.	1.6	46
36	Theory of second harmonic generation in composites of nonlinear dielectrics. Journal of Applied Physics, 1997, 82, 4740-4743.	2.5	46

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37	Effects of composition of PbTiO3 on optical properties of (1−x)PbMg1/3Nb2/3O3−xPbTiO3 thin films. Physical Review B, 2004, 69, .	3.2	46
38	Numerical study of optical absorption in two-dimensional metal-insulator and normal-superconductor composites. Physical Review B, 1989, 39, 1063-1067.	3.2	44
39	Minority game with arbitrary cutoffs. Physica A: Statistical Mechanics and Its Applications, 1999, 269, 493-502.	2.6	44
40	Mean field theory for weakly nonlinear composites. Physica A: Statistical Mechanics and Its Applications, 1989, 157, 192-197.	2.6	42
41	Analytical results for the steady state of traffic flow models with stochastic delay. Physical Review E, 1998, 58, 2876-2882.	2.1	41
42	Effects of contrarians in the minority game. Physical Review E, 2005, 72, 026134.	2.1	39
43	Decoupling approximation for strongly nonlinear composites. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 210, 115-120.	2.1	37
44	Effective nonlinear response in dilute nonlinear granular materials. Journal of Applied Physics, 1990, 68, 3009-3010.	2.5	36
45	Mean-field theory of strongly nonlinear random composites: Strong power-law nonlinearity and scaling behavior. Physical Review B, 1996, 54, 3946-3953.	3.2	36
46	TRADER DYNAMICS IN A MODEL MARKET. International Journal of Theoretical and Applied Finance, 2000, 03, 443-450.	0.5	36
47	Disconnected-connected network transitions and phase separation driven by co-evolving dynamics. Europhysics Letters, 2009, 87, 38003.	2.0	36
48	Second-harmonic generation for a dilute suspension of coated particles. Physical Review B, 2004, 69, .	3.2	34
49	Enhanced winnings in a mixed-ability population playing a minority game. Journal of Physics A, 1999, 32, L427-L431.	1.6	33
50	A theory of nonlinear AC response in nonlinear composites. Physica B: Condensed Matter, 2000, 279, 62-65.	2.7	33
51	Effect of social group dynamics on contagion. Physical Review E, 2010, 81, 056107.	2.1	33
52	Correlation and clustering in the optical properties of composites: A numerical study. Physical Review B, 1989, 39, 13224-13230.	3.2	32
53	Two-dimensional traffic flow problems in inhomogeneous lattices. Physica A: Statistical Mechanics and Its Applications, 1995, 217, 339-347.	2.6	32
54	Topological properties of integer networks. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 613-618.	2.6	32

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55	Cooperation in N-person evolutionary snowdrift game in scale-free Barabási–Albert networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5602-5608.	2.6	31
56	Epidemics and dimensionality in hierarchical networks. Physica A: Statistical Mechanics and Its Applications, 2005, 352, 659-668.	2.6	30
57	Exact surface plasmon dispersion relations in a linear-metal-nonlinear dielectric structure of arbitrary nonlinearity. Applied Physics Letters, 2009, 94, 221102.	3.3	30
58	Cooperative behavior in evolutionary snowdrift games with the unconditional imitation rule on regular lattices. Physical Review E, 2012, 85, 021111.	2.1	30
59	Accurate ranking of influential spreaders in networks based on dynamically asymmetric link weights. Physical Review E, 2017, 96, 022323.	2.1	30
60	Higher order nonlinear response in dilute random composites. Journal of Applied Physics, 1993, 73, 4072-4073.	2.5	29
61	Generalized strategies in the minority game. Physical Review E, 2000, 63, 017102.	2.1	29
62	A possible resolution of the valence‐band offset controversy in HgTe/CdTe superlattices. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 424-426.	2.1	28
63	Enhancement in nonlinear effects in percolating nonlinear resistor networks. Physical Review B, 1990, 41, 1673-1675.	3.2	28
64	Propagating photonic modes below the gap in a superconducting composite. Physical Review B, 1995, 51, 8634-8637.	3.2	27
65	Improved mean-field theory of two-dimensional traffic flow models. Journal of Physics A, 1996, 29, L31-L35.	1.6	27
66	Statistical mechanical approach to Fukui-Ishibashi traffic flow models. Physical Review E, 1998, 57, 2568-2573.	2.1	27
67	Monte Carlo studies of hysteresis curves in magnetic composites with fine magnetic particles. Journal of Applied Physics, 2001, 89, 3403-3407.	2.5	27
68	Mean Field Theory of Traffic Flow Problems with Overpasses and Asymmetric Distributions of Cars. Journal of the Physical Society of Japan, 1996, 65, 2345-2348.	1.6	26
69	Risks of an epidemic in a two-layered railway-local area traveling network. European Physical Journal B, 2013, 86, 13.	1.5	26
70	Integrated travel network model for studying epidemics: Interplay between journeys and epidemic. Scientific Reports, 2015, 5, 11401.	3.3	26
71	Evolutionary behavior of generalized zero-determinant strategies in iterated prisoner's dilemma. Physica A: Statistical Mechanics and Its Applications, 2015, 430, 81-92.	2.6	26
72	Effective nonlinear response in random nonlinear resistor networks: Numerical studies. Physical Review B, 1991, 44, 12559-12561.	3.2	25

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73	Evolution of cooperation in well-mixed N-person snowdrift games. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2919-2925.	2.6	25
74	Effects ofdbands on semiconductorspHamiltonians. Physical Review B, 1989, 40, 12346-12352.	3.2	24
75	Theory of networked minority games based on strategy pattern dynamics. Physical Review E, 2004, 70, 056102.	2.1	24
76	Phase transitions in a coevolving snowdrift game with costly rewiring. Physical Review E, 2014, 90, 052819.	2.1	24
77	Evolutionary minority game with heterogeneous strategy distribution. Physica A: Statistical Mechanics and Its Applications, 2000, 287, 313-320.	2.6	23
78	Noise exponent in superconducting-normal metal mixtures. Physical Review B, 1986, 34, 8101-8103.	3.2	22
79	Excitons and interband transitions in III-V semiconductor superlattices. Physical Review B, 1991, 44, 12969-12976.	3.2	22
80	Analytic approach to co-evolving dynamics in complex networks: dissatisfied adaptive snowdrift game. New Journal of Physics, 2011, 13, 083015.	2.9	22
81	One-Dimensional Traffic Flow Problems: A Microscopic Approach. Journal of the Physical Society of Japan, 1997, 66, 1238-1241.	1.6	21
82	One-Dimensional Fukui-Ishibashi Traffic Flow Model. Journal of the Physical Society of Japan, 1997, 66, 3683-3684.	1.6	21
83	Self-segregation and enhanced cooperation in an evolving population through local information transmission. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 300-308.	2.6	21
84	Epidemic spreading on multi-relational networks. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 168903.	0.5	21
85	Effects of a coating of spherically anisotropic material in core-shell particles. Applied Physics Letters, 2008, 92, 181901.	3.3	20
86	Crossover electric field in percolating perfect-conductorâ€"nonlinear-normal-metal composites. Physical Review B, 1994, 49, 15344-15347.	3.2	19
87	Effective response in nonlinear random composites. Physica A: Statistical Mechanics and Its Applications, 1997, 241, 301-309.	2.6	19
88	Efficient resource distribution in a minority game with a biased pool of strategies. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 318-324.	2.6	19
89	Networking effects on evolutionary snowdrift game in networks with fixed degrees. Physica A: Statistical Mechanics and Its Applications, 2007, 385, 773-780.	2.6	19
90	An agent-based model of stock markets incorporating momentum investors. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 2728-2735.	2.6	19

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91	Cooperative behavior and phase transitions in co-evolving stag hunt game. Physica A: Statistical Mechanics and Its Applications, 2016, 443, 161-169.	2.6	19
92	Upper Bounds for the Critical Car Densities in Traffic Flow Problems. Journal of the Physical Society of Japan, 1995, 64, 3570-3572.	1.6	18
93	The asymptotic steady states of deterministic one-dimensional traffic flow models. Physica B: Condensed Matter, 2000, 279, 237-239.	2.7	18
94	Evolutionary snowdrift game with an additional strategy in fully connected networks and regular lattices. Physica A: Statistical Mechanics and Its Applications, 2007, 383, 631-642.	2.6	18
95	Percolation effects in two-component nonlinear composites: Crossover from linear to nonlinear behavior. Physical Review B, 1994, 50, 13327-13335.	3.2	17
96	Effective response in random mixtures of linear and nonlinear conductors. Journal of Physics Condensed Matter, 1995, 7, L593-L597.	1.8	17
97	Theory of enhanced performance emerging in a sparsely connected competitive population. Physical Review E, 2005, 71, 050101.	2.1	17
98	Cooperative behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si30.gif" display="inline" overflow="scroll"><mml:mi>N</mml:mi></mml:math>-person evolutionary snowdrift games with punishment. Physica A: Statistical Mechanics and Its Applications, 2015, 424, 322-329.	2.6	17
99	Non-Markovian recovery makes complex networks more resilient against large-scale failures. Nature Communications, 2020, 11, 2490.	12.8	17
100	Theory of propagation of scalar waves in periodic and disordered composite structures. Physical Review B, 1993, 48, 10118-10123.	3.2	16
101	Statistical mechanical approach to cellular automaton models of highway traffic flow. Physica A: Statistical Mechanics and Its Applications, 1998, 254, 122-134.	2.6	16
102	Influence of dipolar interaction on small magnetic dot arrays. Journal of Applied Physics, 2005, 97, 103912.	2.5	16
103	Enhanced cooperation and harmonious population in an evolutionary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si27.gif" display="inline" overflow="scroll"><mml:mi>N</mml:mi></mml:math>-person snowdrift game. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1071-1076.	2.6	16
104	Costly punishment and cooperation in the evolutionary snowdrift game. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1607-1614.	2.6	16
105	Theory of photonic band structures: a vector-wave $k\cdot p$ approach. Solid State Communications, 1994, 90, 229-232.	1.9	15
106	Effects of a nonlinear impurity in three-dimensional tight-binding bands. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 200, 325-328.	2.1	15
107	Effects of a nonlinear impurity in two-dimensional systems. Solid State Communications, 1995, 95, 801-804.	1.9	15
108	First-principles approach to conductivity of a nonlinear composite. Physical Review B, 1998, 58, 3057-3062.	3.2	15

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109	Effects of dynamical grouping on cooperation in N-person evolutionary snowdrift game. Physical Review E, 2011, 84, 036113.	2.1	15
110	Emergence of Scale-Free Close-Knit Friendship Structure in Online Social Networks. PLoS ONE, 2012, 7, e50702.	2.5	15
111	Evolutionary snowdrift game incorporating costly punishment in structured populations. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 168-176.	2.6	15
112	Electronic structure of superlattices incorporating diluted magnetic semiconductors. Physical Review B, 1991, 43, 2305-2314.	3.2	14
113	Superlattice excitons and optical absorption. Journal of Applied Physics, 1993, 74, 7369-7378.	2.5	14
114	Bose-Einstein condensation of finite number of confined particles. Solid State Communications, 1997, 104, 729-734.	1.9	14
115	Biased switching in an interacting pair of magnetic particles. Journal of Applied Physics, 2002, 91, 5957-5961.	2.5	14
116	High-performance distribution of limited resources via a dynamical reallocation scheme. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6657-6662.	2.6	14
117	Correlations and analytical approaches to co-evolving voter models. New Journal of Physics, 2013, 15, 113024.	2.9	14
118	Effects of clustering in binary composites: Random fractals. Physical Review B, 1992, 46, 14505-14509.	3.2	13
119	Effective linear and nonlinear response of fractal clusters. Physical Review B, 1994, 49, 11729-11735.	3.2	13
120	Effective nonlinear response in random nonlinear granular materials. Physica A: Statistical Mechanics and Its Applications, 1996, 231, 408-416.	2.6	13
121	Mixed population Minority Game with generalized strategies. Journal of Physics A, 2000, 33, L409-L414.	1.6	13
122	Electronic transport properties of Sierpinski lattices in a magnetic field. Physical Review B, 2002, 66, .	3.2	13
123	A model for the size distribution of customer groups and businesses. Physica A: Statistical Mechanics and Its Applications, 2002, 310, 480-486.	2.6	13
124	Effects of local connectivity in a competitive population with limited resources. Europhysics Letters, 2004, 67, 867-873.	2.0	13
125	Coupling of waveguide and surface modes in enhanced transmission through stacking gratings. Applied Physics Letters, 2006, 89, 091101.	3.3	13
126	Collective signaling behavior in a networked-oscillator model. Physica A: Statistical Mechanics and Its Applications, 2007, 383, 714-724.	2.6	13

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127	Cooperative behavior in evolutionary snowdrift game with bounded rationality. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4856-4862.	2.6	13
128	Separatrices between healthy and endemic states in an adaptive epidemic model. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 906-913.	2.6	13
129	Suppressed epidemics in multirelational networks. Physical Review E, 2015, 92, 022812.	2.1	13
130	Anomalous frequency-dependent transport in composites. Physical Review B, 1985, 32, 7728-7733.	3.2	12
131	Electronic-transport properties of tight-binding multiring systems. Physical Review B, 1998, 57, 12994-13001.	3.2	12
132	Dependence of the giant magnetoresistance on the concentration of magnetic particles in granular composites. Journal of Applied Physics, 2001, 90, 365-369.	2.5	12
133	Fukuiâ€"Ishibashi Traffic Flow Models with Anticipation of Movement of the Car Ahead. Journal of the Physical Society of Japan, 2002, 71, 1651-1654.	1.6	12
134	EFFECTS OF AGING AND LINKS REMOVAL ON EPIDEMIC DYNAMICS IN SCALE-FREE NETWORKS. International Journal of Modern Physics B, 2004, 18, 2534-2539.	2.0	12
135	Modeling Insurgent Dynamics Including Heterogeneity. Journal of Statistical Physics, 2013, 151, 395-413.	1.2	12
136	Spatial structure enhanced cooperation in dissatisfied adaptive snowdrift game. European Physical Journal B, 2013, 86, 1.	1.5	12
137	Classical interacting particles in confinement. Solid State Communications, 1997, 103, 357-360.	1.9	11
138	Evolutionary freezing in a competitive population. Physica A: Statistical Mechanics and Its Applications, 2000, 283, 568-574.	2.6	11
139	Finite-size effect in the EguÃluz and Zimmermann model of herd formation and information transmission. Physical Review E, 2002, 65, 046130.	2.1	11
140	A theory of induced interaction between rotating particles in electrorheological fluids. Journal of Chemical Physics, 2002, 116, 10989-10996.	3.0	11
141	The minority game with different payoff functions: crowdâ€"anticrowd theory. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 309-317.	2.6	11
142	Analytical studies on a modified Nagelâ€"Schreckenberg model with the Fukuiâ€"Ishibashi acceleration rule. Chaos, Solitons and Fractals, 2007, 31, 772-776.	5.1	11
143	Wannier exciton binding energies in GaAs/AlxGa1-xAs quantum wells. Solid State Communications, 1991, 78, 145-148.	1.9	10
144	Segregation in a competing and evolving population. Physica A: Statistical Mechanics and Its Applications, 2000, 288, 451-458.	2.6	10

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145	Controlling enhanced transmission through semiconductor gratings with subwavelength slits by a magnetic field: Numerical and analytical results. Applied Physics Letters, 2009, 95, 011115.	3.3	10
146	k.p theory of photonic band structures in periodic dielectrics. Journal of Physics Condensed Matter, 1993, 5, L355-L360.	1.8	9
147	Theory of scalar wave propagation in periodic composites: A k·p approach. Solid State Communications, 1994, 91, 65-69.	1.9	9
148	Effects of a nonlinear impurity in a diatomic chain. Journal of Physics Condensed Matter, 1996, 8, 2011-2020.	1.8	9
149	Effects of imitation in a competing and evolving population. Physica A: Statistical Mechanics and Its Applications, 2002, 312, 619-626.	2.6	9
150	Error-driven global transition in a competitive population on a network. Physical Review E, 2004, 70, 055101.	2.1	9
151	Dynamics of opinion formation in hierarchical social networks: Network structure and initial bias. European Physical Journal B, 2008, 61, 371-376.	1.5	9
152	Atypical viral dynamics from transport through popular places. Physical Review E, 2016, 94, 022304.	2.1	9
153	Controlling epidemic outbreak based on local dynamic infectiousness on complex networks. Chaos, 2018, 28, 123105.	2.5	9
154	Nonlinear conductivity of an In€Y1Ba2Cu3O7ˆxinterface. Journal of Applied Physics, 1989, 65, 3968-3971.	2.5	8
155	Controlling enhanced transmission through metallic gratings with subwavelength slits by anisotropic waveguide resonance. Applied Physics Letters, 2007, 91, 171101.	3.3	8
156	Localized single-particle excitations for a normal-metal sphere in a superconducting host. Physical Review B, 1985, 31, 584-587.	3.2	7
157	Giant magnetoresistance in a three-dimensional lattice of dipolar interacting magnetic nanoparticles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 325-332.	2.1	7
158	Non-universal scaling and dynamical feedback in generalized models of financial markets. Physica A: Statistical Mechanics and Its Applications, 2002, 303, 176-184.	2.6	7
159	Scale-free networks with tunable degree-distribution exponents. Physical Review E, 2004, 69, 067102.	2.1	7
160	Dimensional crossover in the effective second-harmonic generation of films of random dielectrics. Physical Review B, 2004, 69, .	3.2	7
161	Second-harmonic generation in graded metal€"dielectric films of anisotropic particles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 342, 484-490.	2.1	7
162	Hysteresis in small arrays of interacting magnetic nanoparticles. European Physical Journal B, 2005, 46, 475-480.	1.5	7

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163	Multi-agent complex systems and many-body physics. Europhysics Letters, 2006, 74, 923-929.	2.0	7
164	An alternative approach to characterize the topology of complex networks and its application in epidemic spreading. Frontiers of Computer Science, 2009, 3, 324-334.	0.6	7
165	Analyzing phase diagrams and phase transitions in networked competing populations. European Physical Journal B, 2011, 80, 233-241.	1.5	7
166	Shot noise and Fano factor in tunneling in three-band pseudospin-1 Dirac–Weyl systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1971-1975.	2.1	7
167	Theory of effective response in dilute strongly nonlinear random composites. Applied Physics Letters, 1996, 69, 1810-1812.	3.3	6
168	Second and third harmonic generations in random composites of nonlinear dielectrics. Physica B: Condensed Matter, 2000, 279, 45-47.	2.7	6
169	Enhanced winning in a competing population by random participation. Physical Review E, 2004, 69, 046120.	2.1	6
170	Three-strategy N-person snowdrift game incorporating loners. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 454-461.	2.6	6
171	Co-evolving prisoner's dilemma: Performance indicators and analytic approaches. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 183-194.	2.6	6
172	Cellular automaton models of driven diffusive Frenkel-Kontorova-type systems. Physical Review E, 1999, 60, 149-158.	2.1	5
173	Field transformation approach to photonic band structure calculations. Solid State Communications, 2001, 120, 483-486.	1.9	5
174	INTERACTION BETWEEN PARTICLES AND PARTICLE CHAINS IN ELECTRORHEOLOGICAL FLUIDS. International Journal of Modern Physics B, 2001, 15, 1033-1041.	2.0	5
175	Spies in the minority game. Physical Review E, 2008, 77, 011106.	2.1	5
176	Self-organized cooperative behavior and critical penalty in an evolving population. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4445-4452.	2.6	5
177	Instability in Evolutionary Games. PLoS ONE, 2012, 7, e49663.	2.5	5
178	Surface plasmon dispersion relation of a metallic wire in a nonlinear dielectric medium. Optics Communications, 2013, 304, 111-115.	2.1	5
179	Partially satisfied to fully satisfied transitions in co-evolving inverse voter model and possible scaling behavior. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 3029-3034.	2.1	5
180	Understanding cooperative behavior in structurally disordered populations. European Physical Journal B, 2016, 89, 1.	1.5	5

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181	Evolutionary minority game wtih multiple options. Physical Review E, 2004, 70, 016119.	2.1	4
182	Rapid magnetization reversal in magnetic small particles induced by non-static bias field. Solid State Communications, 2005, 134, 625-629.	1.9	4
183	Second harmonic generation in random composites of particles with core-shell structure. Journal of Applied Physics, 2006, 100, 043524.	2.5	4
184	Internal character dictates transition dynamics between isolation and cohesive grouping. Physical Review E, 2015, 92, 062803.	2.1	4
185	Anomalous contagion and renormalization in networks with nodal mobility. Europhysics Letters, 2016, 115, 18001.	2.0	4
186	Uncovering complex overlapping pattern of communities in large-scale social networks. Applied Network Science, 2019, 4, .	1.5	4
187	Scaling Behaviour in Nonlinear Random Resistor Networks. Journal of the Physical Society of Japan, 1994, 63, 2002-2003.	1.6	4
188	Crowd-Anticrowd Theory of Dynamical Behavior in Competitive, Multi-Agent Autonomous Systems and Networks. Journal of Computational Intelligence and Electronic Systems, 2014, 3, 256-277.	0.1	4
189	Enhanced cooperation in multiplayer snowdrift games with random and dynamic groupings. Physical Review E, 2022, 105, .	2.1	4
190	Anomalous transport in random resistor-capacitor network: Application to composite materials. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 118, 305-308.	2.1	3
191	Random walks in one-dimensional disordered systems: A Monte Carlo study. Physical Review A, 1986, 33, 2745-2748.	2.5	3
192	Numerical study of optical absorption in two-dimensional metal-insulator and normal-superconductor composites. Physica A: Statistical Mechanics and Its Applications, 1989, 157, 370.	2.6	3
193	Effects of density of states on superconductivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 160, 305-308.	2.1	3
194	Bound states of an electron in a dimerized chain with a single nonlinear impurity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 209, 345-350.	2.1	3
195	A phenomenological model of percolating magnetic nanostructures. European Physical Journal B, 1999, 10, 481-485.	1.5	3
196	RELAXATION THEORY FOR DYNAMIC ELECTRORHEOLOGICAL EFFECT. International Journal of Modern Physics B, 2002, 16, 2597-2602.	2.0	3
197	Theory of Collective Dynamics in Multi-Agent Complex Adaptive Systems. Advances in Solid State Physics, 2004, , 427-438.	0.8	3
198	Equilibrium magnetic moment configurations in magnetic nanoparticle films: Effects of anisotropy, dipolar interaction, and Zeeman energy. Journal of Applied Physics, 2005, 98, 084303.	2.5	3

#	Article	IF	Citations
199	COOPERATION IN EVOLUTIONARY SNOWDRIFT GAME: NETWORKING EFFECTS. International Journal of Modern Physics B, 2007, 21, 4035-4040.	2.0	3
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