

# MooYoung Choi

## List of Publications by Citations

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223  
papers

4,191  
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233  
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4,487  
ext. citations

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L-index

#	Paper	IF	Citations
223	Synchronization on small-world networks. <i>Physical Review E</i> , <b>2002</b> , 65, 026139	2.4	314
222	Phase transitions in confined water nanofilms. <i>Nature Physics</i> , <b>2010</b> , 6, 685-689	16.2	229
221	Factors that predict better synchronizability on complex networks. <i>Physical Review E</i> , <b>2004</b> , 69, 067105	2.4	179
220	Dynamic instabilities induced by asymmetric influence: prisoners dilemma game in small-world networks. <i>Physical Review E</i> , <b>2002</b> , 66, 021907	2.4	176
219	Phase transitions in uniformly frustrated XY models. <i>Physical Review B</i> , <b>1985</b> , 31, 4516-4526	3.3	171
218	Solvation in molecular ionic liquids. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 6411-6414	3.9	151
217	Statistical analysis of the Metropolitan Seoul Subway System: Network structure and passenger flows. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2008</b> , 387, 6231-6234	3.3	104
216	A molecular dynamics computer simulation study of room-temperature ionic liquids. II. Equilibrium and nonequilibrium solvation dynamics. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 44511	3.9	102
215	XY model in small-world networks. <i>Physical Review E</i> , <b>2001</b> , 64, 056135	2.4	102
214	Synchronization in a system of globally coupled oscillators with time delay. <i>Physical Review E</i> , <b>2000</b> , 61, 371-81	2.4	93
213	A molecular dynamics computer simulation study of room-temperature ionic liquids. I. Equilibrium solvation structure and free energetics. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 44510	3.9	79
212	Kondo effects in carbon nanotubes: From SU(4) to SU(2) symmetry. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	78
211	Solvation, solute rotation and vibration relaxation, and electron-transfer reactions in room-temperature ionic liquids. <i>Accounts of Chemical Research</i> , <b>2007</b> , 40, 1130-7	24.3	72
210	Synaptotagmin-1 binds to PIP(2)-containing membrane but not to SNAREs at physiological ionic strength. <i>Nature Structural and Molecular Biology</i> , <b>2015</b> , 22, 815-23	17.6	66
209	Collective synchronization in spatially extended systems of coupled oscillators with random frequencies. <i>Physical Review E</i> , <b>2005</b> , 72, 036217	2.4	65
208	Comment on "Ising model on a small world network". <i>Physical Review E</i> , <b>2002</b> , 66, 018101	2.4	64
207	Critical behavior of pure and diluted XY models with uniform frustrations. <i>Physical Review B</i> , <b>1985</b> , 32, 5773-5775	3.3	60

206	Stability and ensemble inequivalence in a globally coupled system. <i>Physical Review Letters</i> , <b>2003</b> , 91, 124101	7.4	58
205	Size distribution of mouse Langerhans islets. <i>Biophysical Journal</i> , <b>2007</b> , 93, 2655-66	2.9	55
204	Effects of solute electronic polarizability on solvation in a room-temperature ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4920-5	3.4	52
203	Modification of the gravity model and application to the metropolitan Seoul subway system. <i>Physical Review E</i> , <b>2012</b> , 86, 026102	2.4	47
202	Fragility, Stokes-Einstein violation, and correlated local excitations in a coarse-grained model of an ionic liquid. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 2001-10	3.6	45
201	Dynamic behavior of nonlinear networks. <i>Physical Review A</i> , <b>1983</b> , 28, 1204-1206	2.6	44
200	Positional disorder in a Josephson-junction array. <i>Physical Review B</i> , <b>1987</b> , 35, 1669-1675	3.3	37
199	Optimization by multicanonical annealing and the traveling salesman problem. <i>Physical Review E</i> , <b>1994</b> , 50, R651-R654	2.4	36
198	Glassy phase in an array of Josephson junctions. <i>Physical Review B</i> , <b>1987</b> , 35, 7109-7112	3.3	35
197	Rotational dynamics of a diatomic solute in the room-temperature ionic liquid 1-ethyl-3-methylimidazolium hexafluorophosphate. <i>Journal of Chemical Physics</i> , <b>2006</b> , 125, 61102	3.9	34
196	Double stochastic resonance peaks in systems with dynamic phase transitions. <i>Europhysics Letters</i> , <b>2001</b> , 56, 333-339	1.6	33
195	Spontaneous current and voltage via Aharonov-Casher effect. <i>Physical Review Letters</i> , <b>1993</b> , 71, 2987-2990	3.4	33
194	Inertia effects on periodic synchronization in a system of coupled oscillators. <i>Physical Review E</i> , <b>1999</b> , 59, 353-363	2.4	32
193	Digital dynamics and the simulation of magnetic systems. <i>Physical Review B</i> , <b>1983</b> , 28, 2547-2554	3.3	32
192	How noise and coupling induce bursting action potentials in pancreatic $\beta$ -cells. <i>Biophysical Journal</i> , <b>2005</b> , 89, 1534-42	2.9	31
191	Quantum phase transitions in Josephson-junction chains. <i>Physical Review B</i> , <b>1998</b> , 57, R716-R719	3.3	28
190	Traffic flow and $1/f$ fluctuations. <i>Physical Review E</i> , <b>1995</b> , 52, 5979-5984	2.4	28
189	Periodic synchronization in a driven system of coupled oscillators. <i>Physical Review E</i> , <b>1994</b> , 49, 3825-3832	2.4	28

188	Arrays of resistively shunted Josephson junctions in magnetic fields. <i>Physical Review B</i> , <b>1993</b> , 48, 322-333	3.3	27
187	Granular relaxation under tapping and the traffic problem. <i>Physical Review E</i> , <b>1994</b> , 50, 4123-4135	2.4	27
186	Dynamic model of neural networks. <i>Physical Review Letters</i> , <b>1988</b> , 61, 2809-2812	7.4	26
185	Collective phase synchronization in locally coupled limit-cycle oscillators. <i>Physical Review E</i> , <b>2004</b> , 70, 045204	2.4	25
184	Phase ordering on small-world networks with nearest-neighbor edges. <i>Physical Review E</i> , <b>2002</b> , 65, 047104	3.4	25
183	Quantum Hall effect in ideal superconducting arrays at zero temperature. <i>Physical Review B</i> , <b>1994</b> , 50, 10088-10091	3.3	25
182	Topological invariance of superconducting arrays. <i>Physical Review B</i> , <b>1992</b> , 46, 564-566	3.3	25
181	Network marketing on a small-world network. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2006</b> , 360, 493-504	3.3	24
180	Phase synchronization and noise-induced resonance in systems of coupled oscillators. <i>Physical Review E</i> , <b>2000</b> , 62, 6462-8	2.4	23
179	Quantum fluctuations in superconducting arrays. <i>Physical Review B</i> , <b>1990</b> , 41, 111-116	3.3	23
178	Josephson arrays in an incommensurate magnetic field. <i>Physical Review B</i> , <b>1985</b> , 32, 7532-7534	3.3	23
177	Nature of time in Monte Carlo processes. <i>Physical Review B</i> , <b>1984</b> , 29, 2796-2798	3.3	22
176	How skew distributions emerge in evolving systems. <i>Europhysics Letters</i> , <b>2009</b> , 85, 30006	1.6	21
175	Synchronization in networks of superconducting wires. <i>Physical Review B</i> , <b>1997</b> , 56, 387-394	3.3	21
174	Quantum and classical diffusion on small-world networks. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	21
173	Stochastic resonance in the driven Ising model on small-world networks. <i>Physical Review E</i> , <b>2002</b> , 66, 011107	2.4	21
172	Cotunneling Transport and Quantum Phase Transitions in Coupled Josephson-Junction Chains with Charge Frustration. <i>Physical Review Letters</i> , <b>1998</b> , 81, 4240-4243	7.4	21
171	Phase transition in the two-dimensional gauge glass. <i>Physical Review B</i> , <b>1999</b> , 60, 4070-4073	3.3	21

170	Synchronization in a network of neuronal oscillators with finite storage capacity. <i>Physical Review E</i> , <b>1995</b> , 52, 2907-2911	2.4	21
169	Quantum fluctuations in superconducting arrays with a general capacitance matrix. <i>Physical Review B</i> , <b>1995</b> , 52, 3624-3631	3.3	21
168	Phase transition in the Ising model on a small-world network with distance-dependent interactions. <i>Physical Review E</i> , <b>2003</b> , 68, 027101	2.4	20
167	Noise effects on synchronization in systems of coupled oscillators. <i>Journal of Physics A</i> , <b>1999</b> , 32, L9-L15		20
166	Collective excitations and retarded interactions. <i>Physical Review B</i> , <b>1985</b> , 31, 2862-2866	3.3	19
165	Emergence of skew distributions in controlled growth processes. <i>Physical Review E</i> , <b>2010</b> , 82, 061115	2.4	18
164	Beneficial effects of intercellular interactions between pancreatic islet cells in blood glucose regulation. <i>Journal of Theoretical Biology</i> , <b>2009</b> , 257, 312-9	2.3	18
163	Consumer referral in a small world network. <i>Social Networks</i> , <b>2006</b> , 28, 232-246	3.9	17
162	Spontaneous phase oscillation induced by inertia and time delay. <i>Physical Review E</i> , <b>2002</b> , 65, 026208	2.4	17
161	Modeling stock return distributions with a quantum harmonic oscillator. <i>Europhysics Letters</i> , <b>2017</b> , 120, 38003	1.6	16
160	Model for Twitter dynamics: Public attention and time series of tweeting. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 404, 142-149	3.3	16
159	Anomalous relaxation in the XY gauge glass. <i>Physical Review B</i> , <b>1997</b> , 56, 6007-6012	3.3	16
158	1f spectrum and memory function analysis of solvation dynamics in a room-temperature ionic liquid. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 174504	3.9	16
157	Intrinsic finite-size effects in the two-dimensional XY model with irrational frustration. <i>Physical Review Letters</i> , <b>2000</b> , 85, 3484-7	7.4	16
156	Fluctuation effects on critical behavior of Josephson-junction arrays. <i>Physical Review B</i> , <b>1985</b> , 32, 7173-7178	3.8	16
155	How complexity emerges in urban systems: Theory of urban morphology. <i>Physical Review E</i> , <b>2016</b> , 93, 052309	2.4	14
154	Weibull-type limiting distribution for replicative systems. <i>Physical Review E</i> , <b>2011</b> , 83, 031123	2.4	14
153	Autophagy mediates phase transitions from cell death to life. <i>Heliyon</i> , <b>2015</b> , 1, e00027	3.6	13

152	Emergence of criticality in the transportation passenger flow: scaling and renormalization in the Seoul bus system. <i>PLoS ONE</i> , <b>2014</b> , 9, e89980	3.7	13
151	Phase transitions in a dynamic model of neural networks. <i>Physical Review A</i> , <b>1991</b> , 43, 1079-1089	2.6	13
150	Accessibility Measurement in Transportation Networks and Application to the Seoul Bus System. <i>Geographical Analysis</i> , <b>2019</b> , 51, 339-353	2.9	12
149	Conformational dynamics and ligand binding in the multi-domain protein PDC109. <i>PLoS ONE</i> , <b>2010</b> , 5, e9180	3.7	12
148	Comment on "Glassiness in a model without energy barriers". <i>Physical Review Letters</i> , <b>1996</b> , 76, 4648	7.4	12
147	Potts-glass model of layered feedforward neural networks. <i>Physical Review A</i> , <b>1992</b> , 45, 1238-1248	2.6	12
146	Mathematical model for glucose regulation in the whole-body system. <i>Islets</i> , <b>2012</b> , 4, 84-93	2	11
145	Master equation approach to the intra-urban passenger flow and application to the Metropolitan Seoul Subway system. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 115007	2	11
144	Quantum phase transitions in superconducting arrays with general capacitance matrices. <i>Physical Review B</i> , <b>1997</b> , 56, 395-409	3.3	11
143	Dynamic transition and Shapiro-step melting in a frustrated Josephson-junction array. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	11
142	Optimal size of a complex network. <i>Physical Review E</i> , <b>2003</b> , 67, 046101	2.4	11
141	Spatiotemporal stochastic resonance in fully frustrated Josephson ladders. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	11
140	Dual Aharonov-Casher effect and persistent dipole current. <i>Physical Review B</i> , <b>1995</b> , 52, 7838-7840	3.3	11
139	Sleepless in Seoul: [ ] The Ant and the Metrohopper [ ] <i>Journal of the Korean Physical Society</i> , <b>2010</b> , 57, 823-825	0.6	11
138	Dynamics of macroautophagy: Modeling and oscillatory behavior. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 686-692	3.3	10
137	Double transitions in the fully frustrated XY model. <i>Physical Review B</i> , <b>1997</b> , 55, 14088-14091	3.3	10
136	Dynamic transition and resonance in current-driven arrays of Josephson junctions. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	10
135	Synchronization and resonance in a driven system of coupled oscillators. <i>Physical Review E</i> , <b>1999</b> , 60, 4014-20	2.4	10

134	Phase transition in the XY gauge glass. <i>Physical Review B</i> , <b>1995</b> , 51, 16211-16219	3.3	10
133	A model for the receptive field of retinal ganglion cells. <i>Neural Networks</i> , <b>2014</b> , 49, 51-8	9.1	9
132	Quantitative indices of autophagy activity from minimal models. <i>Theoretical Biology and Medical Modelling</i> , <b>2014</b> , 11, 31	2.3	9
131	Spontaneous organization of the cortical structure through endogenous neural firing and gap junction transmission. <i>Neural Networks</i> , <b>2012</b> , 31, 46-52	9.1	9
130	Dynamic critical behaviors in two-dimensional Josephson junction arrays with positional disorder. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	9
129	Netons: vibrations of complex networks. <i>Journal of Physics A</i> , <b>2003</b> , 36, 6329-6336		9
128	Relaxation and coarsening dynamics in superconducting arrays. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	9
127	Glucose metabolism and oscillatory behavior of pancreatic islets. <i>Physical Review E</i> , <b>2005</b> , 72, 051905	2.4	9
126	Phase transition in superconducting arrays with external currents. <i>Physical Review B</i> , <b>1991</b> , 44, 10411-10413	3.3	9
125	Discriminating between Weibull distributions and log-normal distributions emerging in branching processes. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2014</b> , 47, 225101	2	8
124	Mathematical models for insulin secretion in pancreatic $\beta$ cells. <i>Islets</i> , <b>2012</b> , 4, 94-107	2	8
123	Emergent topologies in activity-dependent self-organizing networks. <i>Europhysics Letters</i> , <b>2011</b> , 95, 58005.6	5.6	8
122	Equalization of synaptic efficacy by synchronous neural activity. <i>Physical Review Letters</i> , <b>2007</b> , 99, 208102	7.4	8
121	Topological interpretation of subharmonic mode locking in coupled oscillators with inertia. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	8
120	Subharmonic structure of Shapiro steps in frustrated superconducting arrays. <i>Physical Review B</i> , <b>1995</b> , 52, 13536-13546	3.3	8
119	Novel transition between critical and localized states in a one-dimensional quasiperiodic system. <i>Physical Review B</i> , <b>1989</b> , 40, 2581-2584	3.3	8
118	Origin of the spike-timing-dependent plasticity rule. <i>Europhysics Letters</i> , <b>2016</b> , 115, 38001	1.6	8
117	Frequency resonance in Josephson-junction arrays driven by high alternating currents. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	7

116	Glass behavior of superconducting arrays: Novel finite-size effects. <i>Physical Review B</i> , <b>1989</b> , 40, 5147-5150,	3.3	7
115	A dynamical model for the stick-slip behaviour of faults. <i>Journal of Physics C: Solid State Physics</i> , <b>1984</b> , 17, L673-L677		7
114	Time evolution of entropy in a growth model: Dependence on the description. <i>Journal of the Korean Physical Society</i> , <b>2017</b> , 70, 12-21	0.6	6
113	Finite-temperature phase transitions in the ionic Hubbard model. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	6
112	Mathematical model of the glucose-insulin regulatory system: From the bursting electrical activity in pancreatic $\beta$ -cells to the glucose dynamics in the whole body. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 3150-3157	2.3	6
111	Brain networks: Graph theoretical analysis and development models. <i>International Journal of Imaging Systems and Technology</i> , <b>2010</b> , 20, 108-116	2.5	6
110	Dynamic transitions and resonances in Josephson-junction arrays under oscillating magnetic fields. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	6
109	Quantum diffusion in the generalized Harper equation. <i>Journal of Physics A</i> , <b>1998</b> , 31, 1353-1364		6
108	Dissipation effects on superconducting arrays. <i>Physical Review B</i> , <b>1990</b> , 42, 80-86	3.3	6
107	Dynamics of analyst forecasts and emergence of complexity: Role of information disparity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177071	3.7	6
106	Computational modeling of the effects of autophagy on amyloid- $\beta$ peptide levels. <i>Theoretical Biology and Medical Modelling</i> , <b>2020</b> , 17, 2	2.3	5
105	COMPUTER SIMULATIONS UNVEIL THE DYNAMICS OF AUTOPHAGY AND ITS IMPLICATIONS FOR THE CELLULAR QUALITY CONTROL. <i>Journal of Biological Systems</i> , <b>2014</b> , 22, 659-675	1.6	5
104	On the dynamics of traveling phase-oscillators with positive and negative couplings. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 65, 1738-1742	0.6	5
103	Dynamic characteristics of tweeting and tweet topics. <i>Journal of the Korean Physical Society</i> , <b>2012</b> , 60, 590-594	0.6	5
102	Entropic sampling and natural selection in biological evolution. <i>Journal of Physics A</i> , <b>1997</b> , 30, L749-L755		5
101	Dynamic model of fiber bundles. <i>Europhysics Letters</i> , <b>2004</b> , 66, 62-68	1.6	5
100	Quantum phase transitions and persistent currents in Josephson-junction ladders. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	5
99	Scale-free dynamics emerging from information transfer. <i>Europhysics Letters</i> , <b>2005</b> , 69, 503-509	1.6	5

98	Slow relaxation in the Ising model on a small-world network with strong long-range interactions. <i>Physical Review E</i> , <b>2005</b> , 71, 036103	2.4	5
97	Temporal association in a network of neuronal oscillators. <i>Journal of Physics A</i> , <b>2001</b> , 34, 5021-5031		5
96	Noise-enhanced temporal association in neural networks. <i>Physical Review E</i> , <b>2002</b> , 65, 036114	2.4	5
95	Capacitively coupled Josephson-junction chains: straight versus slanted coupling. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 943-957	1.8	5
94	Bloch oscillation and topological quantization. <i>Physical Review B</i> , <b>1994</b> , 50, 13875-13878	3.3	5
93	Dynamic model of neural networks with asymmetric diluted couplings. <i>Physical Review A</i> , <b>1990</b> , 41, 7062-7065	2.0	5
92	Phase transitions of a quasiperiodic Josephson-junction array in magnetic fields. <i>Physical Review B</i> , <b>1988</b> , 38, 11476-11480	3.3	5
91	Functional Organization for Direction Preference in Relation to Orientation and Ocular Dominance Maps. <i>Journal of the Korean Physical Society</i> , <b>2009</b> , 55, 2532-2536	0.6	5
90	General solution of the Black-Scholes boundary-value problem. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2018</b> , 509, 546-550	3.3	5
89	Emergence of heavy-tailed skew distributions from the heat equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2017</b> , 470, 88-93	3.3	4
88	Emergent incommensurate correlations in frustrated ferromagnetic spin-1 chains. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	4
87	Dynamics of interval fragmentation and asymptotic distributions. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 225002	2	4
86	Information-sharing tendency on Twitter and time evolution of tweeting. <i>Europhysics Letters</i> , <b>2013</b> , 101, 58004	1.6	4
85	Dynamic model for failures in biological systems. <i>Europhysics Letters</i> , <b>2005</b> , 71, 501-507	1.6	4
84	Quantum phase transitions in superconducting arrays under external magnetic fields. <i>Physical Review B</i> , <b>1998</b> , 58, 14524-14530	3.3	4
83	Devil's Staircase in a Fully Frustrated Superconducting Array. <i>Europhysics Letters</i> , <b>1993</b> , 23, 217-222	1.6	4
82	Langevin dynamics, scale invariance, and granular flows. <i>Physical Review E</i> , <b>1993</b> , 47, 137-142	2.4	4
81	The dissipative effects on stochasticity of the nonlinear oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1982</b> , 89, 1-3	2.3	4

80	Hub-Periphery Hierarchy in Bus Transportation Networks: Gini Coefficients and the Seoul Bus System. <i>Sustainability</i> , <b>2020</b> , 12, 7297	3.6	3
79	Estimate of the phase transition line in the infinite-dimensional Hubbard model. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 64, 268-276	0.6	3
78	Phase transitions and relaxation dynamics of Ising models exchanging particles. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2017</b> , 466, 166-179	3.3	3
77	Modulation of the boundary between hierarchically differentiated domains in a self-organizing neural system. <i>Europhysics Letters</i> , <b>2013</b> , 101, 48004	1.6	3
76	DYNAMIC TRANSITION AND RESONANCE IN COUPLED OSCILLATORS UNDER SYMMETRY-BREAKING FIELDS. <i>International Journal of Modern Physics B</i> , <b>2013</b> , 27, 1350062	1.1	3
75	Frustration effects on supercurrents in annular arrays of superconductors. <i>Physical Review B</i> , <b>1997</b> , 56, 2368-2371	3.3	3
74	Criticality in the dynamic failure model. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 145101		3
73	Health status and resonance in a model for living organisms under periodic stress and healing. <i>Physical Review E</i> , <b>2006</b> , 73, 031905	2.4	3
72	Stability of thermodynamic and dynamical order in a system of globally coupled rotors. <i>Journal of Physics A</i> , <b>2005</b> , 38, 5659-5675		3
71	Renormalization-group study of gate charge effects in Josephson-junction chains. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	3
70	Fractional periods of persistent currents in frustrated systems. <i>Physical Review B</i> , <b>1995</b> , 52, 13769-13772	3.3	3
69	Synaptic noise in neural networks at finite temperatures. <i>Journal of Physics A</i> , <b>1993</b> , 26, 3697-3705		3
68	Optimal storage capacity of neural networks at finite temperatures. <i>Journal of Physics A</i> , <b>1993</b> , 26, 3741-3755		3
67	Systems of pancreatic beta-cells and glucose regulation. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 6421-31	2.8	3
66	Traveling Speed of Clusters in the Kuramoto-Sakaguchi Model. <i>Journal of the Korean Physical Society</i> , <b>2018</b> , 72, 342-347	0.6	2
65	General method to solve the heat equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 444, 530-537	3.3	2
64	Numerical study of entrainment of the human circadian system and recovery by light treatment. <i>Theoretical Biology and Medical Modelling</i> , <b>2018</b> , 15, 5	2.3	2
63	Statistical properties of human activity and criticality in active behavior. <i>Europhysics Letters</i> , <b>2019</b> , 126, 68001	1.6	2

62	Driving distributions and periodic synchronization-desynchronization in driven phase oscillators. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 64, 11-15	0.6	2
61	Connectivity effects in the dynamic model of neural networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2009</b> , 42, 205003	2	2
60	Collective oscillations, bicluster motion, and dynamical order in a system of globally coupled rotors with repulsive interactions. <i>Physical Review E</i> , <b>2006</b> , 74, 056106	2.4	2
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