

# Unjong Yu

## List of Publications by Year in descending order

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29  
papers

210  
citations

1163117

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h-index

1125743

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g-index

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all docs

29  
docs citations

29  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and Transport Properties of the Magnetic Polaron: Application to Eu <sup>2+</sup> System. Physical Review Letters, 2005, 94, 117202.	7.8	26
2	Ising antiferromagnet on the Archimedean lattices. Physical Review E, 2015, 91, 062121.	2.1	25
3	Phase transition in the majority-vote model on the Archimedean lattices. Physical Review E, 2017, 95, 012101.	2.1	18
4	Effects of phonon hardening on the polaron transport in colossal magnetoresistive manganites. Physical Review B, 2000, 61, 84-87.	3.2	13
5	Highly clustered complex networks in the configuration model: Random regular small-world network. Europhysics Letters, 2019, 128, 16001.	2.0	10
6	Critical temperature of the Ising ferromagnet on the fcc, hcp, and dhcp lattices. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 75-79.	2.6	9
7	Tricritical point in the mixed-spin Blume-Capel model on three-dimensional lattices: Metropolis and Wang-Landau sampling approaches. Physical Review E, 2020, 102, 042113.	2.1	9
8	Newman-Ziff algorithm for the bootstrap percolation: Application to the Archimedean lattices. Journal of Computational Physics, 2019, 386, 1-8.	3.8	8
9	Diffusion of innovations in finite networks: Effects of heterogeneity, clustering, and bilingual option on the threshold in the contagion game model. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123672.	2.6	8
10	Isotope effects and charge-gap formation in the charge-ordered phase of colossal magnetoresistance manganites. Physical Review B, 2000, 61, 8936-8940.	3.2	7
11	Reference to Global State and Social Contagion Dynamics. Frontiers in Physics, 2021, 9, .	2.1	7
12	Critical phenomena and strategy ordering with hub centrality approach in the aspiration-based coordination game. Chaos, 2021, 31, 093114.	2.5	7
13	Monte Carlo studies of the Blume-Capel model on nonregular two- and three-dimensional lattices: phase diagrams, tricriticality, and critical exponents. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 033204.	2.3	7
14	Fixation probability on clique-based graphs. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 2129-2135.	2.6	6
15	Universality class of the percolation in two-dimensional lattices with distortion. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121139.	2.6	6
16	Off-Centered Last-Passage Monte Carlo Algorithm for the Charge Density on a Flat Conducting Surface. Advanced Theory and Simulations, 2020, 3, 2000075.	2.8	6
17	Orbital and angle dependency of the superexchange interaction: (A=Se,Te). Journal of Magnetism and Magnetic Materials, 2007, 310, 1660-1662.	2.3	4
18	Ising antiferromagnet on the 2-uniform lattices. Physical Review E, 2016, 94, 022112.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Fate of Ising ferromagnets and antiferromagnets by zero-temperature Glauber dynamics on the two-dimensional Archimedean and 2-uniform lattices. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 123203.	2.3	4
20	Bootstrap and diffusion percolation transitions in three-dimensional lattices. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 063218.	2.3	4
21	Last-passage Monte Carlo Algorithm for Charge Density on a Conducting Spherical Surface. <i>Journal of Scientific Computing</i> , 2021, 88, 1.	2.3	4
22	Magnetic phase diagram of doped CMR manganites. <i>Physica B: Condensed Matter</i> , 2003, 328, 117-119.	2.7	3
23	Prisoner's dilemma game on complex networks with a death process: Effects of minimum requirements and immigration. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 517, 47-52.	2.6	3
24	Quadrupole Last-Passage Algorithm for Charge Density on an L-shaped Conducting Surface. <i>Advanced Theory and Simulations</i> , 2022, 5, 2100180.	2.8	3
25	A diffusion Monte Carlo method for charge density on a conducting surface at non-constant potentials. <i>Monte Carlo Methods and Applications</i> , 2021, 27, 315-324.	0.8	3
26	A note on general epidemic region for infinite regular graphs. <i>Information Processing Letters</i> , 2019, 143, 41-46.	0.6	2
27	Last-Passage Algorithm for Charge Distribution Over a Finite Region. <i>Advanced Theory and Simulations</i> , 2021, 4, 2000268.	2.8	2
28	Phase transition in the diffusion and bootstrap percolation models on regular random and Erdős-Rényi networks. <i>Journal of Computational Physics</i> , 2021, 446, 110670.	3.8	2
29	Universal behaviour of the growth method and importance of local hubs in cascading failure. <i>Journal of Complex Networks</i> , 2022, 10, .	1.8	0