

# Hanbaek Lyu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5422050/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Synchronization of finite-state pulse-coupled oscillators. <i>Physica D: Nonlinear Phenomena</i> , 2015, 303, 28-38.	2.8	9
2	Global Synchronization of Pulse-Coupled Oscillators on Trees. <i>SIAM Journal on Applied Dynamical Systems</i> , 2018, 17, 1521-1559.	1.6	7
3	Persistence of sums of correlated increments and clustering in cellular automata. <i>Stochastic Processes and Their Applications</i> , 2019, 129, 1132-1152.	0.9	7
4	Phase transition in random contingency tables with non-uniform margins. <i>Transactions of the American Mathematical Society</i> , 2020, 373, 8313-8338.	0.9	7
5	Randomized box-ball systems, limit shape of rigged configurations and thermodynamic Bethe ansatz. <i>Nuclear Physics B</i> , 2018, 937, 240-271.	2.5	6
6	Large Deviations and One-Sided Scaling Limit of Randomized Multicolor Box-Ball System. <i>Journal of Statistical Physics</i> , 2020, 178, 38-74.	1.2	5
7	Clustering in the Three and Four Color Cyclic Particle Systems in One Dimension. <i>Journal of Statistical Physics</i> , 2018, 171, 470-483.	1.2	3
8	Limiting behavior of 3-color excitable media on arbitrary graphs. <i>Annals of Applied Probability</i> , 2018, 28, .	1.3	3
9	Double Jump Phase Transition in a Soliton Cellular Automaton. <i>International Mathematics Research Notices</i> , 2020, , .	1.0	3
10	Stretched exponential decay for subcritical parking times on. <i>Random Structures and Algorithms</i> , 2021, 59, 143-154.	1.1	3
11	On the number of contingency tables and the independence heuristic. <i>Bulletin of the London Mathematical Society</i> , 2022, 54, 242-255.	0.8	2
12	Chromatic Number, Induced Cycles, and Non-separating Cycles. <i>Graphs and Combinatorics</i> , 2020, 36, 1297-1310.	0.4	0