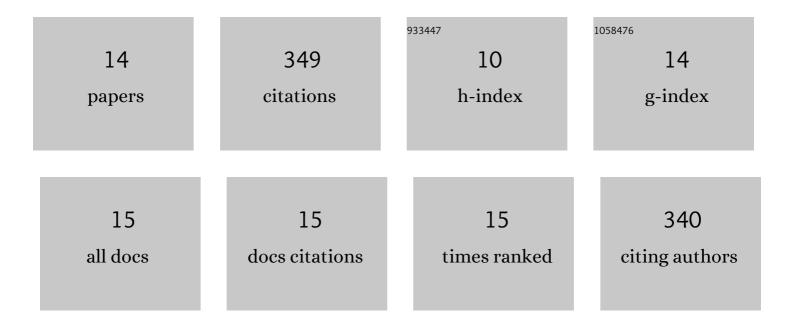
Hye-Won Kang

List of Publications by Year in descending order

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HVE-MON KANC

#	Article	IF	CITATIONS
1	Incorporating age and delay into models for biophysical systems. Physical Biology, 2021, 18, 015002.	1.8	4
2	Multiscale Stochastic Reaction–Diffusion Algorithms Combining Markov Chain Models with Stochastic Partial Differential Equations. Bulletin of Mathematical Biology, 2019, 81, 3185-3213.	1.9	7
3	Quasi-Steady-State Approximations Derived from the Stochastic Model of Enzyme Kinetics. Bulletin of Mathematical Biology, 2019, 81, 1303-1336.	1.9	24
4	Comparison of Deterministic and Stochastic Regime in a Model for Cdc42 Oscillations in Fission Yeast. Bulletin of Mathematical Biology, 2019, 81, 1268-1302.	1.9	8
5	A Mathematical Model for Enzyme Clustering in Glucose Metabolism. Scientific Reports, 2018, 8, 2696.	3.3	17
6	Reduction for Stochastic Biochemical Reaction Networks with Multiscale Conservations. Multiscale Modeling and Simulation, 2017, 15, 1376-1403.	1.6	16
7	Robustness and period sensitivity analysis of minimal models for biochemical oscillators. Scientific Reports, 2015, 5, 13161.	3.3	11
8	Stochastic Analysis of Reaction–Diffusion Processes. Bulletin of Mathematical Biology, 2014, 76, 854-894.	1.9	15
9	Central limit theorems and diffusion approximations for multiscale Markov chain models. Annals of Applied Probability, 2014, 24, .	1.3	45
10	Separation of time-scales and model reduction for stochastic reaction networks. Annals of Applied Probability, 2013, 23, .	1.3	112
11	A Mathematical Model for MicroRNA in Lung Cancer. PLoS ONE, 2013, 8, e53663.	2.5	41
12	The effect of the signalling scheme on the robustness of pattern formation in development. Interface Focus, 2012, 2, 465-486.	3.0	14
13	A new method for choosing the computational cell in stochastic reaction–diffusion systems. Journal of Mathematical Biology, 2012, 65, 1017-1099.	1.9	23
14	A multiscale approximation in a heat shock response model of E. coli. BMC Systems Biology, 2012, 6, 143.	3.0	12