Polly Y Yu

List of Publications by Year
in descending order

10 papers	108 citations

1684188

5 h-index	

1372567

10 g-index

10 all docs	10 docs citations	10 times ranked	42 citing authors

#	Article	IF	Citations
1	Mathematical Analysis of Chemical Reaction Systems. Israel Journal of Chemistry, 2018, 58, 733-741.	2.3	59
2	Realizations of kinetic differential equations. Mathematical Biosciences and Engineering, 2020, 17, 862-892.	1.9	12
3	An Efficient Characterization of Complex-Balanced, Detailed-Balanced, and Weakly Reversible Systems. SIAM Journal on Applied Mathematics, 2020, 80, 183-205.	1.8	11
4	A generalization of Birch's theorem and vertex-balanced steady states for generalized mass-action systems. Mathematical Biosciences and Engineering, 2019, 16, 8243-8267.	1.9	9
5	Weakly Reversible Mass-Action Systems With Infinitely Many Positive Steady States. SIAM Journal on Applied Mathematics, 2020, 80, 1936-1946.	1.8	5
6	Delay stability of reaction systems. Mathematical Biosciences, 2020, 326, 108387.	1.9	4
7	A Graph-Theoretic Condition for Delay Stability of Reaction Systems. SIAM Journal on Applied Dynamical Systems, 2022, 21, 1092-1118.	1.6	3
8	Single-target networks. Discrete and Continuous Dynamical Systems - Series B, 2022, 27, 799.	0.9	2
9	Uniqueness of weakly reversible and deficiency zero realizations of dynamical systems. Mathematical Biosciences, 2021, 342, 108720.	1.9	2
10	Autocatalytic recombination systems: A reaction network perspective. Mathematical Biosciences, 2022, 345, 108784.	1.9	1