Chayu Yang

List of Publications by Year
in descending order

9 papers	**130** citations	1307594 **7** h-index	1588992 **8** g-index
9 all docs	**9** docs citations	**9** times ranked	**81** citing authors

#	Article	IF	Citations
1	Impact of Awareness Programs on Cholera Dynamics: Two Modeling Approaches. Bulletin of Mathematical Biology, 2017, 79, 2109-2131.	1.9	54
2	On the intrinsic dynamics of bacteria in waterborne infections. Mathematical Biosciences, 2018, 296, 71-81.	1.9	18
3	Basic Reproduction Numbers for a Class of Reaction-Diffusion Epidemic Models. Bulletin of Mathematical Biology, 2020, 82, 111.	1.9	15
4	Global analysis of an environmental disease transmission model linking within-host and between-host dynamics. Applied Mathematical Modelling, 2020, 86, 404-423.	4.2	13
5	A cholera transmission model incorporating the impact of medical resources. Mathematical Biosciences and Engineering, 2019, 16, 5226-5246.	1.9	12
6	Modeling and analyzing cholera transmission dynamics with vaccination age. Journal of the Franklin Institute, 2020, 357, 8008-8034.	3.4	9
7	A partially diffusive cholera model based on a general second-order differential operator. Journal of Mathematical Analysis and Applications, 2021, 501, 125181.	1.0	7
8	A multi-scale cholera model linking between-host and within-host dynamics. International Journal of Biomathematics, 2018, 11, 1850034.	2.9	2
9	On the dynamics of a class of perturbed cyclic Lotka-Volterra systems. International Journal of Biomathematics, 2018, 11, 1850098.	2.9	0