

Chayu Yang

List of Publications by Year in descending order

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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	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
2	Basic Reproduction Numbers for a Class of Reaction-Diffusion Epidemic Models. Bulletin of Mathematical Biology, 2020, 82, 111.	1.9	15
3	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
4	Modeling and analyzing cholera transmission dynamics with vaccination age. Journal of the Franklin Institute, 2020, 357, 8008-8034.	3.4	9
5	A cholera transmission model incorporating the impact of medical resources. Mathematical Biosciences and Engineering, 2019, 16, 5226-5246.	1.9	12
6	On the intrinsic dynamics of bacteria in waterborne infections. Mathematical Biosciences, 2018, 296, 71-81.	1.9	18
7	A multi-scale cholera model linking between-host and within-host dynamics. International Journal of Biomathematics, 2018, 11, 1850034.	2.9	2
8	On the dynamics of a class of perturbed cyclic Lotka-Volterra systems. International Journal of Biomathematics, 2018, 11, 1850098.	2.9	0
9	Impact of Awareness Programs on Cholera Dynamics: Two Modeling Approaches. Bulletin of Mathematical Biology, 2017, 79, 2109-2131.	1.9	54