Obiora Collins

List of Publications by Year
in descending order

10 papers	**92** citations	1478458 **6** h-index	1474186 **9** g-index
10 all docs	**10** docs citations	**10** times ranked	**58** citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical System Analysis of a Lassa Fever Model with Varying Socioeconomic Classes. Journal of Applied Mathematics, 2020, 2020, 1-12.	0.9	10
2	Dynamical System Analysis and Optimal Control Measures of Lassa Fever Disease Model. International Journal of Mathematics and Mathematical Sciences, 2020, 2020, 1-18.	0.7	21
3	The Application of the Logistic Equation Model to Predict the Remineralization Characteristics of Desensitizing Paste. International Journal of Dentistry, 2019, 2019, 1-7.	1.5	6
4	Analyses of mathematical models for city population dynamics under heterogeneity. African Journal of Science, Technology, Innovation and Development, 2019, 11, 323-337.	1.6	1
5	Analysis and Optimal Control Intervention Strategies of a Waterborne Disease Model: A Realistic Case Study. Journal of Applied Mathematics, 2018, 2018, 1-14.	0.9	9
6	Identifying stability conditions and Hopf bifurcations in a consumer resource model using a consumption threshold. Ecological Complexity, 2016, 28, 212-217.	2.9	2
7	Consumption threshold used to investigate stability and ecological dominance in consumer-resource dynamics. Ecological Modelling, 2016, 319, 155-162.	2.5	10
8	Analysis of a waterborne disease model with socioeconomic classes. Mathematical Biosciences, 2015, 269, 86-93.	1.9	10
9	Incorporating heterogeneity into the transmission dynamics of a waterborne disease model. Journal of Theoretical Biology, 2014, 356, 133-143.	1.7	23
10	Model analyses show how biodiversity conservation could reduce infectious diseases in an ecosystem. Natural Resource Modelling, 0, , .	2.0	0