Karunia Putra Wijaya

List of Publications by Year
in descending order

22 papers	208 citations

1163117
8 h-index	

1125743
13 g-index	

22 all docs	22 docs citations

22 times ranked	151 citing authors

#	Article	IF	Citations
1	An SIR-Dengue transmission model with seasonal effects and impulsive control. Mathematical Biosciences, 2017, 289, 29-39.	1.9	37
2	Modeling dengue data from Semarang, Indonesia. Ecological Complexity, 2017, 30, 57-62.	2.9	22
3	Interrelationship between daily COVID-19 cases and average temperature as well as relative humidity in Germany. Scientific Reports, 2021, 11, 11302.	3.3	21
4	An epidemic model integrating direct and fomite transmission as well as household structure applied to COVID-19. Journal of Mathematics in Industry, 2021, 11, 1.	1.2	19
5	Learning the seasonality of disease incidences from empirical data. Ecological Complexity, 2019, 38, 83-97.	2.9	13
6	Assessing the interplay between dengue incidence and weather in Jakarta via a clustering integrated multiple regression model. Ecological Complexity, 2019, 39, 100768.	2.9	12
7	An optimal control model of mosquito reduction management in a dengue endemic region. International Journal of Biomathematics, 2014, 07, 1450056.	2.9	10
8	Temephos spraying and thermal fogging efficacy on Aedes aegypti in homogeneous urban residences. ScienceAsia, 2013, 39S, 48.	0.5	9
9	On the existence of a nontrivial equilibrium in relation to the basic reproductive number. International Journal of Applied Mathematics and Computer Science, 2017, 27, 623-636.	1.5	8
10	An epidemic model highlighting humane social awareness and vector–host lifespan ratio variation. Communications in Nonlinear Science and Numerical Simulation, 2020, 90, 105389.	3.3	8
11	Learning from panel data of dengue incidence and meteorological factors in Jakarta, Indonesia. Stochastic Environmental Research and Risk Assessment, 2021, 35, 437-456.	4.0	8
12	Food sharing and time budgeting in predator-prey interaction. Communications in Nonlinear Science and Numerical Simulation, 2021, 97, 105757.	3.3	7
13	A modeling study of predator–prey interaction propounding honest signals and cues. Applied Mathematical Modelling, 2021, 89, 1405-1417.	4.2	6
14	Optimization problems in epidemiology, biomechanics & medicine. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2015, 7, 25-32.	1.1	5
15	Advances in mosquito dynamics modeling. Mathematical Methods in the Applied Sciences, 2016, 39, 4750-4763.	2.3	5
16	An age-dependent model for dengue transmission: Analysis and comparison to field data. Applied Mathematics and Computation, 2021, 388, 125538.	2.2	5
17	A dengue epidemic model highlighting vertical–sexual transmission and impulsive control strategies. Applied Mathematical Modelling, 2021, 95, 279-296.	4.2	5
18	Reassessment of contact restrictions and testing campaigns against COVID-19 via spatio-temporal modeling. Nonlinear Dynamics, 2022, 107, 3085-3109.	5.2	3

#	Article	IF	Citations
19	Transport of ellipsoidal microplastic particles in a 3D lid-driven cavity under size and aspect ratio variation. Applied Mathematics and Computation, 2022, 413, 126646.	2.2	2
20	A model for type I diabetes in an HIV-infected patient under highly active antiretroviral therapy. Chaos, Solitons and Fractals, 2022, 155, 111716.	5.1	2
21	Trajectory following method on output tracking of non-linear non-minimum phase systems. , 2012, , .		1
22	Solving bi-objective optimal control problems with rectangular framing. AIP Conference Proceedings, 2016, , .	0.4	0