Yadigar Sekerci

List of Publications by Year
in descending order

17	265	1307594 7	996975 15
papers	citations	h-index	g-index

17	17	17	208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability of spatial patterns in a diffusive oxygenâ€“plankton model with time lag effect. Mathematics and Computers in Simulation, 2022, 194, 109-123.	4.4	3
2	Oxygen-plankton model under the effect of global warming with nonsingular fractional order. Chaos, Solitons and Fractals, 2020, 132, 109532.	5.1	17
3	Respiration Effect on Planktonâ€“Oxygen Dynamics in view of non-singular time fractional derivatives. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 123942.	2.6	6
4	Delay induced nonlinear dynamics of oxygen-plankton interactions. Chaos, Solitons and Fractals, 2020, 141, 110327.	5.1	10
5	Climate change forces plankton species to move to get rid of extinction: mathematical modeling approach. European Physical Journal Plus, 2020, 135, 1.	2.6	6
6	Climate change effects on fractional order prey-predator model. Chaos, Solitons and Fractals, 2020, 134, 109690.	5.1	19
7	Fractional order oxygenâ€“plankton system under climate change. Chaos, 2020, 30, 033131.	2.5	6
8	Marine system dynamical response to a changing climate in frame of power law, exponential decay, and Mittagâ€Leffler kernel. Mathematical Methods in the Applied Sciences, 2020, 43, 5480-5506.	2.3	3
9	Dynamic analysis of time fractional order oxygen in a plankton system. European Physical Journal Plus, 2020, 135, 1.	2.6	7
10	Adaptation of species as response to climate change: Predator-prey mathematical model. AIMS Mathematics, 2020, 5, 3875-3898.	1.6	2
11	Allee Etkisi AltÄ±ndaki Av-AvcÄ± Sisteminin Zamana BaÄŸlÄ± DeÄŸiÅŸimi. Bilecik Åžeyh Edebali Ãœniversitesi Fen Bilimleri Dergisi, 2020, 7, 54-65.	0.6	0
12	Pattern Formation in a Model Oxygen-Plankton System. Computation, 2018, 6, 59.	2.0	7
13	Global Warming Can Lead to Depletion of Oxygen by Disrupting Phytoplankton Photosynthesis: A Mathematical Modelling Approach. Geosciences (Switzerland), 2018, 8, 201.	2.2	28
14	Regime shifts and ecological catastrophes in a model of plankton-oxygen dynamics under the climate change. Journal of Theoretical Biology, 2017, 424, 91-109.	1.7	31
15	Mathematical Modelling of Spatiotemporal Dynamics of Oxygen in a Plankton System. Mathematical Modelling of Natural Phenomena, 2015, 10, 96-114.	2.4	29
16	Mathematical Modelling of Planktonâ€“Oxygen Dynamics Under the Climate Change. Bulletin of Mathematical Biology, 2015, 77, 2325-2353.	1.9	91
17	Sistem Parametrelerinin Plankton DinamiÄŸi Ãœzerine Etkisi: Matematiksel Modelleme YaklaÅŸÄ±mÄ±. Journal of Natural and Applied Sciences, 0, , 16-23.	0.4	0