Manfred KÃ¼hleitner

List of Publications by Year
in descending order

26 papers	247 citations	1162889
		8 h-index

996849
15 g-index

29 all docs	29 docs citations	29 times ranked	260 citing authors

#	Article	IF	Citations
1	Dynamics of the Austrian Food Market: Application of Lotka-Volterra Differential Equations. Open Journal of Modelling and Simulation, 2022, 10, 152-164.	0.7	3
2	Bertalanffy-Pütter models for the first wave of the COVID-19 outbreak. Infectious Disease Modelling, 2021, 6, 532-544.	1.2	1
3	Bertalanffy-Pütter models for avian growth. PLoS ONE, 2021, 16, e0250515.	1.1	5
4	Modelling the growth of rearing cattle. Czech Journal of Animal Science, 2021, 66, 441-449.	0.5	0
5	Forecasting the final disease size: comparing calibrations of Bertalanffy–Pütter models. Epidemiology and Infection, 2021, 149, e6.	1.0	1
6	Benford's Law for Telemetry Data of Wildlife. Stats, 2021, 4, 943-949.	0.5	3
7	The growth of domestic goats and sheep: A meta study with Bertalanffy-Pütter models. Veterinary and Animal Science, 2020, 10, 100135.	0.6	9
8	The Markets of Green Cars of Three Countries: Analysis Using Lotka–Volterra and Bertalanffy–Pütter Models. Journal of Open Innovation: Technology, Market, and Complexity, 2020, 6, 67.	2.6	8
9	Bertalanffy-Pütter Models for the Growth of Tropical Trees and Stands. Open Journal of Modelling and Simulation, 2020, 08, 73-87.	0.7	0
10	FORECASTING INNOVATION DIFFUSION WITH NEAR-OPTIMAL BERTALANFFY-PÜTTER MODELS. International Journal of Engineering Technologies and Management Research, 2020, 7, 1-11.	0.1	0
11	Best fitting tumor growth models of the von Bertalanffy-PütterType. BMC Cancer, 2019, 19, 683.	1.1	19
12	Comparing growth patterns of three species: Similarities and differences. PLoS ONE, 2019, 14, e0224168.	1.1	9
13	Best-fitting growth curves of the von Bertalanffy-Pütter type. Poultry Science, 2019, 98, 3587-3592.	1.5	20
14	A Model for the Mass-Growth of Wild-Caught Fish. Open Journal of Modelling and Simulation, 2019, 07, 19-40.	0.7	1
15	On the exponent in the Von Bertalanffy growth model. PeerJ, 2018, 6, e4205.	0.9	19
16	Optimal and near-optimal exponent-pairs for the Bertalanffy-Pütter growth model. PeerJ, 2018, 6, e5973.	0.9	8
17	When Do Adobe Bricks Collapse under Compressive Forces: A Simulation Approach. Open Journal of Modelling and Simulation, 2017, 05, 1-12.	0.7	0
18	AIC-Based Selection of Growth Models: The Case of Piglets from Organic Farming. Open Journal of Modelling and Simulation, 2016, 04, 17-23.	0.7	6

#	Article	IF	Citations
19	Application of the log-normal model for long term high affinity antibody/antigen interactions using Bio-Layer Interferometry. Journal of Mathematical Chemistry, 2014, 52, 575-587.	0.7	3
20	On a question of A. Schinzel: Omega estimates for a special type of arithmetic functions. Open Mathematics, 2013, 11, .	0.5	2
21	Modeling the final phase of landfill gas generation from long-term observations. Biodegradation, 2012, 23, 407-414.	1.5	10
22	Versatile modeling and optimization of fed batch processes for the production of secreted heterologous proteins with Pichia pastoris. Microbial Cell Factories, 2006, 5, 37.	1.9	97
23	On differences of two squares. Open Mathematics, 2006, 4, 110-122.	0.5	0
24	The average number of solutions of the Diophantine equation $U2+V2=W3$ and related arithmetic functions. Acta Mathematica Hungarica, 2004, 104, 225-240.	0.3	8
25	The lattice point discrepancy of a body of revolution: Improving the lower bound by Soundararajan?s method. Archiv Der Mathematik, 2004, 83, 208-216.	0.3	5
26	An Omega Theorem for a Class of Arithmetic Functions. Mathematische Nachrichten, 1994, 165, 79-98.	0.4	10