

Manfred KÃ¼hleitner

List of Publications by Year in descending order

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Version: 2024-02-01

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	Versatile modeling and optimization of fed batch processes for the production of secreted heterologous proteins with <i>Pichia pastoris</i> . <i>Microbial Cell Factories</i> , 2006, 5, 37.	1.9	97
2	Best-fitting growth curves of the von Bertalanffy-PÃ¼tter type. <i>Poultry Science</i> , 2019, 98, 3587-3592.	1.5	20
3	Best fitting tumor growth models of the von Bertalanffy-PÃ¼tterType. <i>BMC Cancer</i> , 2019, 19, 683.	1.1	19
4	On the exponent in the Von Bertalanffy growth model. <i>PeerJ</i> , 2018, 6, e4205.	0.9	19
5	An Omega Theorem for a Class of Arithmetic Functions. <i>Mathematische Nachrichten</i> , 1994, 165, 79-98.	0.4	10
6	Modeling the final phase of landfill gas generation from long-term observations. <i>Biodegradation</i> , 2012, 23, 407-414.	1.5	10
7	Comparing growth patterns of three species: Similarities and differences. <i>PLoS ONE</i> , 2019, 14, e0224168.	1.1	9
8	The growth of domestic goats and sheep: A meta study with Bertalanffy-PÃ¼tter models. <i>Veterinary and Animal Science</i> , 2020, 10, 100135.	0.6	9
9	The average number of solutions of the Diophantine equation $U^2+V^2=W^3$ and related arithmetic functions. <i>Acta Mathematica Hungarica</i> , 2004, 104, 225-240.	0.3	8
10	The Markets of Green Cars of Three Countries: Analysis Using Lotka-Volterra and Bertalanffy-PÃ¼tter Models. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2020, 6, 67.	2.6	8
11	Optimal and near-optimal exponent-pairs for the Bertalanffy-PÃ¼tter growth model. <i>PeerJ</i> , 2018, 6, e5973.	0.9	8
12	AIC-Based Selection of Growth Models: The Case of Piglets from Organic Farming. <i>Open Journal of Modelling and Simulation</i> , 2016, 04, 17-23.	0.7	6
13	The lattice point discrepancy of a body of revolution: Improving the lower bound by Soundararajan's method. <i>Archiv Der Mathematik</i> , 2004, 83, 208-216.	0.3	5
14	Bertalanffy-PÃ¼tter models for avian growth. <i>PLoS ONE</i> , 2021, 16, e0250515.	1.1	5
15	Application of the log-normal model for long term high affinity antibody/antigen interactions using Bio-Layer Interferometry. <i>Journal of Mathematical Chemistry</i> , 2014, 52, 575-587.	0.7	3
16	Benford's Law for Telemetry Data of Wildlife. <i>Stats</i> , 2021, 4, 943-949.	0.5	3
17	Dynamics of the Austrian Food Market: Application of Lotka-Volterra Differential Equations. <i>Open Journal of Modelling and Simulation</i> , 2022, 10, 152-164.	0.7	3
18	On a question of A. Schinzel: Omega estimates for a special type of arithmetic functions. <i>Open Mathematics</i> , 2013, 11, .	0.5	2

#	ARTICLE	IF	CITATIONS
19	Bertalanffy-Pütter models for the first wave of the COVID-19 outbreak. <i>Infectious Disease Modelling</i> , 2021, 6, 532-544.	1.2	1
20	A Model for the Mass-Growth of Wild-Caught Fish. <i>Open Journal of Modelling and Simulation</i> , 2019, 07, 19-40.	0.7	1
21	Forecasting the final disease size: comparing calibrations of Bertalanffy-Pütter models. <i>Epidemiology and Infection</i> , 2021, 149, e6.	1.0	1
22	On differences of two squares. <i>Open Mathematics</i> , 2006, 4, 110-122.	0.5	0
23	When Do Adobe Bricks Collapse under Compressive Forces: A Simulation Approach. <i>Open Journal of Modelling and Simulation</i> , 2017, 05, 1-12.	0.7	0
24	Bertalanffy-Pütter Models for the Growth of Tropical Trees and Stands. <i>Open Journal of Modelling and Simulation</i> , 2020, 08, 73-87.	0.7	0
25	FORECASTING INNOVATION DIFFUSION WITH NEAR-OPTIMAL BERTALANFFY-Pütter MODELS. <i>International Journal of Engineering Technologies and Management Research</i> , 2020, 7, 1-11.	0.1	0
26	Modelling the growth of rearing cattle. <i>Czech Journal of Animal Science</i> , 2021, 66, 441-449.	0.5	0