

David Ben-Arieh

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

518
citations

759055

12
h-index

677027

22
g-index

27
all docs

27
docs citations

27
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning-based impulse control with event-triggered conditions for an epidemic dynamic system. Communications in Nonlinear Science and Numerical Simulation, 2022, 108, 106204.	1.7	8
2	A memetic algorithm for solving optimal control problems of Zika virus epidemic with equilibriums and backward bifurcation analysis. Communications in Nonlinear Science and Numerical Simulation, 2020, 84, 105176.	1.7	15
3	Game Theoretic Modeling of Infectious Disease Transmission with Delayed Emergence of Symptoms. Games, 2020, 11, 20.	0.4	6
4	A new zoonotic visceral leishmaniasis dynamic transmission model with age-structure. Chaos, Solitons and Fractals, 2020, 133, 109622.	2.5	5
5	Modeling learning and forgetting processes with the corresponding impacts on human behaviors in infectious disease epidemics. Computers and Industrial Engineering, 2019, 129, 563-577.	3.4	23
6	Modeling Behavioral Response to Vaccination Using Public Goods Game. IEEE Transactions on Computational Social Systems, 2019, 6, 268-276.	3.2	10
7	Using spatial games to model dynamic evolutionary systems. Mathematical and Computer Modelling of Dynamical Systems, 2018, 24, 296-313.	1.4	0
8	Risk perception and human behaviors in epidemics. IJSE Transactions on Healthcare Systems Engineering, 2018, 8, 315-328.	1.2	9
9	Modeling individual fear factor with optimal control in a disease-dynamic system. Chaos, Solitons and Fractals, 2017, 104, 531-545.	2.5	18
10	Mathematical Model for Two-Spotted Spider Mites System: Verification and Validation. Open Journal of Modelling and Simulation, 2017, 05, 13-31.	0.7	4
11	An Agent-Based Model of a Hepatic Inflammatory Response to Salmonella: A Computational Study under a Large Set of Experimental Data. PLoS ONE, 2016, 11, e0161131.	1.1	21
12	A preliminary study of sepsis progression in an animal model using agent-based modeling. International Journal of Modelling and Simulation, 2016, 36, 44-54.	2.3	4
13	Zoonotic visceral leishmaniasis transmission: modeling, backward bifurcation, and optimal control. Journal of Mathematical Biology, 2016, 73, 1525-1560.	0.8	40
14	Mathematical Modeling of Innate Immunity Responses of Sepsis: Modeling and Computational Studies. , 2016, , 221-259.		1
15	Mathematical Model of Innate and Adaptive Immunity of Sepsis: A Modeling and Simulation Study of Infectious Disease. BioMed Research International, 2015, 2015, 1-31.	0.9	23
16	Modeling infection spread and behavioral change using spatial games. Health Systems, 2015, 4, 41-53.	0.9	16
17	Agent-Based Model: A Surging Tool to Simulate Infectious Diseases in the Immune System. Open Journal of Modelling and Simulation, 2014, 02, 12-22.	0.7	30
18	An Autonomous Multi-Agent Simulation Model for Acute Inflammatory Response. International Journal of Artificial Life Research, 2011, 2, 105-121.	0.1	6

#	ARTICLE	IF	CITATIONS
19	Simultaneous optimization of parts and operations sequences in SSMS: a chaos embedded Taguchi particle swarm optimization approach. <i>Journal of Intelligent Manufacturing</i> , 2010, 21, 335-353.	4.4	14
20	Minimum Cost Consensus With Quadratic Cost Functions. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009, 39, 210-217.	3.4	198
21	Geometric Modeling of Highways Using Global Positioning System Data and B-Spline Approximation. <i>Journal of Transportation Engineering</i> , 2004, 130, 632-636.	0.9	48
22	Web-based cost estimation of machining rotational parts. <i>Production Planning and Control</i> , 2003, 14, 778-788.	5.8	13
23	Remote Cost Estimation of Machined Parts. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2001, 34, 97-102.	0.4	1
24	Geometrical reasoning based on attributed graph grammar for prismatic parts. <i>IIE Transactions</i> , 1999, 31, 61-74.	2.1	0
25	Geometrical reasoning based on attributed graph grammar for prismatic parts. <i>IIE Transactions</i> , 1999, 31, 61-74.	2.1	0
26	Analogy-Based Multiple Process Planning System with Resource Conflicts. <i>Flexible Services and Manufacturing Journal</i> , 1999, 11, 63-82.	0.4	4
27	Using spatial games to model and simulate tomato spotted wilt virus-western flowers thrip dynamic system. <i>International Journal of Modelling and Simulation</i> , 0, , 1-11.	2.3	1