

Pablo Aguirre

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

480
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Limit Cycles in a Leslie-Gower Predator-Prey Model with Additive Allee Effect. <i>SIAM Journal on Applied Mathematics</i> , 2009, 69, 1244-1262.	1.8	126
2	Two limit cycles in a Leslie-Gower predator-prey model with additive Allee effect. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 1401-1416.	1.7	97
3	Bifurcations and global dynamics in a predator-prey model with a strong Allee effect on the prey, and a ratio-dependent functional response. <i>Nonlinear Analysis: Real World Applications</i> , 2014, 16, 235-249.	1.7	45
4	Stochastic predator-prey model with Allee effect on prey. <i>Nonlinear Analysis: Real World Applications</i> , 2013, 14, 768-779.	1.7	39
5	Allee effect acting on the prey species in a Leslie-Gower predation model. <i>Nonlinear Analysis: Real World Applications</i> , 2019, 45, 895-917.	1.7	30
6	Global Invariant Manifolds Near Homoclinic Orbits to a Real Saddle: (Non)Orientability and Flip Bifurcation. <i>SIAM Journal on Applied Dynamical Systems</i> , 2013, 12, 1803-1846.	1.6	23
7	Bifurcation analysis of a predator-prey model with predator intraspecific interactions and ratio-dependent functional response. <i>Applied Mathematics and Computation</i> , 2021, 402, 126152.	2.2	22
8	Investigating the consequences of global bifurcations for two-dimensional invariant manifolds of vector fields. <i>Discrete and Continuous Dynamical Systems</i> , 2011, 29, 1309-1344.	0.9	21
9	Global invariant manifolds near a Shilnikov homoclinic bifurcation. <i>Journal of Computational Dynamics</i> , 2014, 1, 1-38.	1.1	16
10	A general class of predation models with multiplicative Allee effect. <i>Nonlinear Dynamics</i> , 2014, 78, 629-648.	5.2	16
11	On ecosystems dynamics. <i>Ecological Complexity</i> , 2017, 29, 10-29.	2.9	11
12	Hyperpolarization-Activated Current Induces Period-Doubling Cascades and Chaos in a Cold Thermoreceptor Model. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 12.	2.1	10
13	Bifurcations of Two-Dimensional Global Invariant Manifolds near a Noncentral Saddle-Node Homoclinic Orbit. <i>SIAM Journal on Applied Dynamical Systems</i> , 2015, 14, 1600-1643.	1.6	6
14	Electrical tree growth and partial discharges analyzed by fractal and correlation dimensions. , 2017, , .		6
15	Finding Strategies to Regulate Propagation and Containment of Dengue via Invariant Manifold Analysis. <i>SIAM Journal on Applied Dynamical Systems</i> , 2020, 19, 1392-1437.	1.6	6
16	Allee thresholds and basins of attraction in a predation model with double Allee effect. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 2699-2714.	2.3	3
17	Modelling cost-effectiveness of syphilis detection strategies in prisoners: exploratory exercise in a Chilean male prison. <i>Cost Effectiveness and Resource Allocation</i> , 2021, 19, 5.	1.5	2
18	Title: Modelling The Effect of Syphilis Screening At The Entry Point in Chilean Prisons. <i>Value in Health</i> , 2017, 20, A869-A870.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Study of a Tritrophic Food Chain Model with Non-differentiable Functional Response. Acta Applicandae Mathematicae, 2020, 165, 19-43.	1.0	0
20	Editorial: Recent Advances in Bifurcation Analysis: Theory, Methods, Applications and Beyond. Frontiers in Applied Mathematics and Statistics, 2022, 8, .	1.3	0