

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	Editorial: Recent Advances in Bifurcation Analysis: Theory, Methods, Applications and Beyond. Frontiers in Applied Mathematics and Statistics, 2022, 8, .	1.3	0
2	Modelling cost-effectiveness of syphilis detection strategies in prisoners: exploratory exercise in a Chilean male prison. Cost Effectiveness and Resource Allocation, 2021, 19, 5.	1.5	2
3	Bifurcation analysis of a predator-prey model with predator intraspecific interactions and ratio-dependent functional response. Applied Mathematics and Computation, 2021, 402, 126152.	2.2	22
4	Study of a Tritrophic Food Chain Model with Non-differentiable Functional Response. Acta Applicandae Mathematicae, 2020, 165, 19-43.	1.0	0
5	Finding Strategies to Regulate Propagation and Containment of Dengue via Invariant Manifold Analysis. SIAM Journal on Applied Dynamical Systems, 2020, 19, 1392-1437.	1.6	6
6	Allee effect acting on the prey species in a Leslie-Gower predation model. Nonlinear Analysis: Real World Applications, 2019, 45, 895-917.	1.7	30
7	Allee thresholds and basins of attraction in a predation model with double Allee effect. Mathematical Methods in the Applied Sciences, 2018, 41, 2699-2714.	2.3	3
8	On ecosystems dynamics. Ecological Complexity, 2017, 29, 10-29.	2.9	11
9	Title: Modelling The Effect of Syphilis Screening At The Entry Point in Chilean Prisons. Value in Health, 2017, 20, A869-A870.	0.3	1
10	Electrical tree growth and partial discharges analyzed by fractal and correlation dimensions. , 2017, , .		6
11	Hyperpolarization-Activated Current Induces Period-Doubling Cascades and Chaos in a Cold Thermoreceptor Model. Frontiers in Computational Neuroscience, 2017, 11, 12.	2.1	10
12	Bifurcations of Two-Dimensional Global Invariant Manifolds near a Noncentral Saddle-Node Homoclinic Orbit. SIAM Journal on Applied Dynamical Systems, 2015, 14, 1600-1643.	1.6	6
13	Bifurcations and global dynamics in a predator-prey model with a strong Allee effect on the prey, and a ratio-dependent functional response. Nonlinear Analysis: Real World Applications, 2014, 16, 235-249.	1.7	45
14	Global invariant manifolds near a Shilnikov homoclinic bifurcation. Journal of Computational Dynamics, 2014, 1, 1-38.	1.1	16
15	A general class of predation models with multiplicative Allee effect. Nonlinear Dynamics, 2014, 78, 629-648.	5.2	16
16	Global Invariant Manifolds Near Homoclinic Orbits to a Real Saddle: (Non)Orientability and Flip Bifurcation. SIAM Journal on Applied Dynamical Systems, 2013, 12, 1803-1846.	1.6	23
17	Stochastic predator-prey model with Allee effect on prey. Nonlinear Analysis: Real World Applications, 2013, 14, 768-779.	1.7	39
18	Investigating the consequences of global bifurcations for two-dimensional invariant manifolds of vector fields. Discrete and Continuous Dynamical Systems, 2011, 29, 1309-1344.	0.9	21

#	ARTICLE	IF	CITATIONS
19	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
20	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