Renato Colucci

List of Publications by Year
in descending order

27	153	1307594 7	1281871 11
papers	citations	h-index	g-index

27	27	27	91
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A way to model stochastic perturbations in population dynamics models with bounded realizations. Communications in Nonlinear Science and Numerical Simulation, 2019, 77, 239-257.	3.3	22
2	A comparison between random and stochastic modeling for a SIR model. Communications on Pure and Applied Analysis, 2017, 16, 151-162.	0.8	15
3	Study of the chemostat model with non-monotonic growth under random disturbances on the removal rate. Mathematical Biosciences and Engineering, 2020, 17, 7480-7501.	1.9	13
4	Non-autonomous dynamics of a semi-Kolmogorov population model with periodic forcing. Nonlinear Analysis: Real World Applications, 2016, 31, 661-680.	1.7	12
5	Predation with indirect effects in fluctuating environments. Nonlinear Dynamics, 2016, 84, 115-126.	5.2	11
6	Non Trivial Coexistence Conditions for a Model of Language Competition Obtained by Bifurcation Theory. Acta Applicandae Mathematicae, 2016, 146, 187-203.	1.0	10
7	Coexistence in exotic scenarios of a modified <scp>A</scp>bramsâ€“<scp>S</scp>trogatz model. Complexity, 2016, 21, 86-93.	1.6	9
8	Semi-Kolmogorov models for predation with indirect effects in random environments. Discrete and Continuous Dynamical Systems - Series B, 2016, 21, 2129-2143.	0.9	8
9	Coexistence in a One-Predator, Two-Prey System with Indirect Effects. Journal of Applied Mathematics, 2013, 2013, 1-13.	0.9	7
10	Pullback attractor for a non-linear evolution equation in elasticity. Nonlinear Analysis: Real World Applications, 2014, 15, 80-88.	1.7	7
11	Dimension Estimate for the Global Attractor of an Evolution Equation. Abstract and Applied Analysis, 2012, 2012, 1-18.	0.7	5
12	Analysis of microstructure of a non-convex functional with penalization term. Journal of Mathematical Analysis and Applications, 2012, 388, 370-385.	1.0	5
13	Periodic Orbits for a Three-Dimensional Biological Differential Systems. Abstract and Applied Analysis, 2013, 2013, 1-10.	0.7	5
14	Asymptotic behavior of a fourth order evolution equation. Nonlinear Analysis: Theory, Methods & Applications, 2014, 95, 66-76.	1.1	5
15	Hyperbolic Relaxation of a Fourth Order Evolution Equation. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.7	4
16	ON MINIMIZATION OF A NON-CONVEX FUNCTIONAL IN VARIABLE EXPONENT SPACES. International Journal of Mathematics, 2014, 25, 1450011.	0.5	4
17	A qualitative description of microstructure formation and coarsening phenomena for an evolution equation. Nonlinear Differential Equations and Applications, 2017, 24, 1.	0.8	3
18	Recurrence analysis on Julia sets of semigroups of complex polynomials. Journal of Applied Mathematics and Computing, 2014, 46, 201-214.	2.5	2

#	Article	IF	Citations
19	Dynamics of a Two Prey and One Predator System with Indirect Effect. Mathematics, 2021, 9, 436.	2.2	2
20	Dynamics of a Gross-Pitaevskii Equation with Phenomenological Damping. International Journal of Differential Equations, 2013, 2013, 1-8.	0.8	1
21	Corrigendum to the paper: A way to model stochastic perturbations in population dynamics models with bounded realizations. Commun Nonlinear Sci Numer Simulat, 77 (2019), 239â€“257. Communications in Nonlinear Science and Numerical Simulation, 2021, 96, 105681.	3.3	1
22	Density of backward paths on the Julia set of a semigroup. Sarajevo Journal of Mathematics, 2014, 10, 77-85.	0.3	1
23	Special solutions for an equation arising in sand ripple dynamics. Nonlinear Analysis: Real World Applications, 2022, 67, 103629.	1.7	1
24	Stabilization of oscillations in a phase transition model. Mathematical Methods in the Applied Sciences, 2017, 40, 823-832.	2.3	0
25	Solitary waves for an equation related to a problem of microstructure formation. Journal of Elliptic and Parabolic Equations, 2018, 4, 207-222.	0.9	0
26	A recurrence-weighted prediction algorithm for musical analysis. Communications in Nonlinear Science and Numerical Simulation, 2018, 56, 392-404.	3.3	0
27	An estimate concerning the difference between minimizer and boundary value in some polyconvex problems. Nonlinear Analysis: Theory, Methods & Applications, 2022, 215, 112635.	1.1	0