Cristian Morales-Rodrigo

List of Publications by Year
in descending order

24	486	840776 11	713466 21
papers	citations	h-index	g-index

24	24	24	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MATHEMATICAL MODELLING OF CANCER INVASION OF TISSUE: THE ROLE AND EFFECT OF NONLOCAL INTERACTIONS. Mathematical Models and Methods in Applied Sciences, 2009, 19, 257-281.	3.3	132
2	ASYMPTOTIC BEHAVIOR OF GLOBAL SOLUTIONS TO A MODEL OF CELL INVASION. Mathematical Models and Methods in Applied Sciences, 2010, 20, 1721-1758.	3.3	69
3	Global existence and convergence to steady states in a chemorepulsion system. , 0, , .		45
4	Study of a nonlinear Kirchhoff equation with non-homogeneous material. Journal of Mathematical Analysis and Applications, 2014, 416, 597-608.	1.0	42
5	Local existence and uniqueness of regular solutions in a model of tissue invasion by solid tumours. Mathematical and Computer Modelling, 2008, 47, 604-613.	2.0	31
6	Global existence vs. blowup in a fully parabolic quasilinear 1D Kellerâ€“Segel system. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5215-5228.	1.1	31
7	Nonnegative solutions to an elliptic problem with nonlinear absorption and a nonlinear incoming flux on the boundary. Annali Di Matematica Pura Ed Applicata, 2008, 187, 459-486.	1.0	21
8	An angiogenesis model with nonlinear chemotactic response and flux at the tumor boundary. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 330-347.	1.1	20
9	GLOBAL EXISTENCE AND ASYMPTOTIC BEHAVIOR OF A TUMOR ANGIOGENESIS MODEL WITH CHEMOTAXIS AND HAPTOTAXIS. Mathematical Models and Methods in Applied Sciences, 2014, 24, 427-464.	3.3	19
10	Global solutions and asymptotic behavior for a parabolic degenerate coupled system arising from biology. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 77-98.	1.1	16
11	On a parabolicâ€“elliptic chemotactic model with coupled boundary conditions. Nonlinear Analysis: Real World Applications, 2010, 11, 3884-3902.	1.7	11
12	Coexistence states in a cross-diffusion system of a predatorâ€“prey model with predator satiation term. Mathematical Models and Methods in Applied Sciences, 2018, 28, 2131-2159.	3.3	11
13	SOME ELLIPTIC PROBLEMS WITH NONLINEAR BOUNDARY CONDITIONS. , 2005, , .		9
14	A non-local non-autonomous diffusion problem: linear and sublinear cases. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	7
15	Unilateral global bifurcation for a class of quasilinear elliptic systems and applications. Journal of Differential Equations, 2019, 267, 619-657.	2.2	7
16	Anti-angiogenic therapy based on the binding to receptors. Discrete and Continuous Dynamical Systems, 2012, 32, 3871-3894.	0.9	4
17	An optimal control problem for a Kirchhoff-type equation. ESAIM - Control, Optimisation and Calculus of Variations, 2017, 23, 773-790.	1.3	2
18	The influence of a metasolution on the behaviour of the logistic equation with nonlocal diffusion coefficient. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	2

#	Article	IF	Citations
19	Some superlinear problems with nonlocal diffusion coefficient. Journal of Mathematical Analysis and Applications, 2020, 482, 123519.	1.0	2
20	A therapy inactivating the tumor angiogenic factors. Mathematical Biosciences and Engineering, 2013, 10, 185-198.	1.9	2
21	Long-time behavior of an angiogenesis model with flux at the tumor boundary. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 1625-1641.	1.4	1
22	Refuge versus dispersion in the logistic equation. Journal of Differential Equations, 2017, 262, 5606-5634.	2.2	1
23	Combining linear and fast diffusion in a nonlinear elliptic equation. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	1
24	Some eigenvalue problems with non-local boundary conditions and applications. Communications on Pure and Applied Analysis, 2014, 13, 2465-2474.	0.8	0