

Julián Velasco

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

91
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergence of solutions of a rescaled evolution nonlocal cross-diffusion problem to its local diffusion counterpart. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	1.2	0
2	Ex-post correction of pacemaker mode switch episodes in undersensed atrial fibrillation. <i>Computers in Biology and Medicine</i> , 2021, 134, 104480.	7.0	0
3	Well-Posedness of a Cross-Diffusion Population Model with Nonlocal Diffusion. <i>SIAM Journal on Mathematical Analysis</i> , 2019, 51, 2884-2902.	1.9	6
4	On a cross-diffusion system arising in image denoising. <i>Computers and Mathematics With Applications</i> , 2018, 76, 984-996.	2.7	6
5	Knowledge extraction about atrial arrhythmias through networks of biologically inspired artificial cardiac cells. , 2018, , .		0
6	Well-posedness of a nonlinear integro-differential problem and its rearranged formulation. <i>Nonlinear Analysis: Real World Applications</i> , 2016, 32, 74-90.	1.7	3
7	Existence and multiplicity of segregated solutions to a cell-growth contact inhibition problem. <i>Discrete and Continuous Dynamical Systems</i> , 2015, 35, 1479-1501.	0.9	4
8	On a Fast Bilateral Filtering Formulation Using Functional Rearrangements. <i>Journal of Mathematical Imaging and Vision</i> , 2015, 53, 346-363.	1.3	9
9	Neighborhood Filters and the Decreasing Rearrangement. <i>Journal of Mathematical Imaging and Vision</i> , 2015, 51, 279-295.	1.3	8
10	Finite element approximation of a surface–subsurface coupled problem arising in forest dynamics. <i>Mathematics and Computers in Simulation</i> , 2014, 102, 62-75.	4.4	2
11	Finite element approximation of a population spatial adaptation model. <i>Mathematical Biosciences and Engineering</i> , 2013, 10, 637-647.	1.9	2
12	Aligned PSO for Optimization of Image Processing Methods Applied to the Face Recognition Problem. <i>Lecture Notes in Computer Science</i> , 2013, , 642-651.	1.3	1
13	Competing through altering the environment: A cross-diffusion population model coupled to transport–Darcy flow equations. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 2826-2838.	1.7	14
14	Existence of solutions and stability analysis for a Darcy flow with extraction. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 2007-2020.	1.7	2
15	A dynamic boundary value problem arising in the ecology of mangroves. <i>Nonlinear Analysis: Real World Applications</i> , 2006, 7, 1129-1144.	1.7	6
16	A Parabolic Cross-Diffusion System for Granular Materials. <i>SIAM Journal on Mathematical Analysis</i> , 2003, 35, 561-578.	1.9	23