

Camille Pouchol

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

142
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotic analysis and optimal control of an integro-differential system modelling healthy and cancer cells exposed to chemotherapy. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2018, 116, 268-308.	1.6	54
2	Heleâ€“Shaw Limit for a System of Two Reaction-(Cross-)Diffusion Equations for Living Tissues. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 236, 735-766.	2.4	16
3	Phase portrait control for 1D monostable and bistable reactionâ€“diffusion equations. <i>Nonlinearity</i> , 2019, 32, 884-909.	1.4	15
4	Combination of Direct Methods and Homotopy in Numerical Optimal Control: Application to the Optimization of Chemotherapy in Cancer. <i>Journal of Optimization Theory and Applications</i> , 2019, 181, 479-503.	1.5	14
5	A chemotaxis-based explanation of spheroid formation in 3D cultures of breast cancer cells. <i>Journal of Theoretical Biology</i> , 2019, 479, 73-80.	1.7	12
6	Global stability with selection in integro-differential Lotka-Volterra systems modelling trait-structured populations. <i>Journal of Biological Dynamics</i> , 2018, 12, 872-893.	1.7	11
7	Asymptotic analysis of selection-mutation models in the presence of multiple fitness peaks. <i>Nonlinearity</i> , 2020, 33, 5791-5816.	1.4	9
8	The MLâ€“EM algorithm in continuum: sparse measure solutions. <i>Inverse Problems</i> , 2020, 36, 035013.	2.0	5
9	Spatiotemporal PET Reconstruction Using ML-EM with Learned Diffeomorphic Deformation. <i>Lecture Notes in Computer Science</i> , 2019, , 151-162.	1.3	5
10	Statistical Model and ML-EM Algorithm for Emission Tomography with Known Movement. <i>Journal of Mathematical Imaging and Vision</i> , 2021, 63, 650.	1.3	1