

AndrÃ© H Erhardt

List of Publications by Year in descending order

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17
papers

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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Early afterdepolarizations in cardiac action potentials as mixed mode oscillations due to a folded node singularity. <i>PLoS ONE</i> , 2018, 13, e0209498.	2.5	24
2	Period doubling cascades of limit cycles in cardiac action potential models as precursors to chaotic early Afterdepolarizations. <i>BMC Systems Biology</i> , 2017, 11, 42.	3.0	22
3	Calderón-Zygmund theory for parabolic obstacle problems with nonstandard growth. <i>Advances in Nonlinear Analysis</i> , 2014, 3, .	2.6	21
4	Compact embedding for $p(x, \hat{t})$ -Sobolev spaces and existence theory to parabolic equations with $p(x, \hat{t})$ -growth. <i>Revista Matemática Complutense</i> , 2017, 30, 35-61.	1.2	13
5	Bifurcation Analysis of a Certain Hodgkin-Huxley Model Depending on Multiple Bifurcation Parameters. <i>Mathematics</i> , 2018, 6, 103.	2.2	9
6	Existence of weak solutions to the Keller-Segel chemotaxis system with additional cross-diffusion. <i>Nonlinear Analysis: Real World Applications</i> , 2020, 54, 103090.	1.7	8
7	Higher integrability for solutions to parabolic problems with irregular obstacles and nonstandard growth. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 435, 1772-1803.	1.0	7
8	Early Afterdepolarisations Induced by an Enhancement in the Calcium Current. <i>Processes</i> , 2019, 7, 20.	2.8	7
9	On complex dynamics in a Purkinje and a ventricular cardiac cell model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 93, 105511.	3.3	7
10	The Stability of Parabolic Problems with Nonstandard $p(x, t)$ -Growth. <i>Mathematics</i> , 2017, 5, 50.	2.2	6
11	Dynamics of a neuron-glia system: the occurrence of seizures and the influence of electroconvulsive stimuli. <i>Journal of Computational Neuroscience</i> , 2020, 48, 229-251.	1.0	6
12	Hölder estimates for parabolic obstacle problems. <i>Annali Di Matematica Pura Ed Applicata</i> , 2015, 194, 645-671.	1.0	5
13	Existence of weak solutions to a certain homogeneous parabolic Neumann problem involving variable exponents and cross-diffusion. <i>Journal of Elliptic and Parabolic Equations</i> , 2020, 6, 685-709.	0.9	4
14	Stability of Weak Solutions to Parabolic Problems with Nonstandard Growth and Cross-Diffusion. <i>Axioms</i> , 2021, 10, 14.	1.9	2
15	On the Calderon-Zygmund Theory for Nonlinear Parabolic Problems with Nonstandard Growth Condition. <i>Journal of Mathematics Research</i> , 2015, 1, .	0.1	2
16	Regularity results for nonlinear parabolic obstacle problems with subquadratic growth. <i>Journal of Differential Equations</i> , 2016, 261, 6915-6949.	2.2	0
17	Bifurcation Analysis of a Modified Cardiac Cell Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2022, 21, 231-247.	1.6	0