

Hildeberto JardÃ³n Kojakhmetov

List of Publications by Year in descending order

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papers

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18
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18
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97
citing authors

#	ARTICLE	IF	CITATIONS
1	A geometric analysis of the SIR, SIRS and SIRWS epidemiological models. <i>Nonlinear Analysis: Real World Applications</i> , 2021, 58, 103220.	1.7	29
2	A geometric analysis of the SIRS epidemiological model on a homogeneous network. <i>Journal of Mathematical Biology</i> , 2021, 83, 37.	1.9	17
3	Analysis of a slow-fast system near a cusp singularity. <i>Journal of Differential Equations</i> , 2016, 260, 3785-3843.	2.2	12
4	Model Order Reduction and Composite Control for a Class of Slow-Fast Systems Around a Non-Hyperbolic Point. , 2017, 1, 68-73.		12
5	Stabilization of a class of slow-fast control systems at non-hyperbolic points. <i>Automatica</i> , 2019, 99, 13-21.	5.0	9
6	Model reduction of a flexible-joint robot: a port-Hamiltonian approach. <i>IFAC-PapersOnLine</i> , 2016, 49, 832-837.	0.9	8
7	On Fast-Slow Consensus Networks with a Dynamic Weight. <i>Journal of Nonlinear Science</i> , 2020, 30, 2737-2786.	2.1	7
8	Polynomial normal forms of constrained differential equations with three parameters. <i>Journal of Differential Equations</i> , 2014, 257, 1012-1055.	2.2	5
9	Limit sets within curves where trajectories converge to. <i>Applied Mathematics Letters</i> , 2017, 68, 94-100.	2.7	4
10	Extended and Symmetric Loss of Stability for Canards in Planar Fast-Slow Maps. <i>SIAM Journal on Applied Dynamical Systems</i> , 2020, 19, 2530-2566.	1.6	4
11	Formal normal form of A slow-fast systems. <i>Comptes Rendus Mathematique</i> , 2015, 353, 795-800.		
12	Parameter-robustness analysis for a biochemical oscillator model describing the social-behaviour transition phase of myxobacteria. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20170499.	2.1	3
13	Nonlinear adaptive stabilization of a class of planar slow-fast systems at a non-hyperbolic point. , 2017, , .		2
14	Controlling Canard Cycles. <i>Journal of Dynamical and Control Systems</i> , 2022, 28, 517-544.	0.8	2
15	Bifurcations of a non-gravitational interaction problem. <i>Applied Mathematics and Computation</i> , 2015, 251, 253-257.	2.2	1
16	Improving the Region of Attraction of a Non-Hyperbolic Point in Slow-Fast Systems With One Fast Direction. , 2018, 2, 296-301.		1
17	Geometric analysis of oscillations in the Frzilator model. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 495, 124725.	1.0	1