

Zahra Aminzare

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1683934

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13
docs citations

13
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Contraction methods for nonlinear systems: A brief introduction and some open problems. , 2014, , .		91
2	Mixed mode oscillations and phase locking in coupled FitzHugh-Nagumo model neurons. Chaos, 2019, 29, 033105.	1.0	31
3	Logarithmic sensing in Bacillus subtilis aerotaxis. Npj Systems Biology and Applications, 2017, 3, 16036.	1.4	29
4	Synchronization of Diffusively-Connected Nonlinear Systems: Results Based on Contractions with Respect to General Norms. IEEE Transactions on Network Science and Engineering, 2014, 1, 91-106.	4.1	26
5	Gait Transitions in a Phase Oscillator Model of an Insect Central Pattern Generator. SIAM Journal on Applied Dynamical Systems, 2018, 17, 626-671.	0.7	21
6	Logarithmic Lipschitz norms and diffusion-induced instability. Nonlinear Analysis: Theory, Methods & Applications, 2013, 83, 31-49.	0.6	15
7	Heterogeneous Inputs to Central Pattern Generators Can Shape Insect Gaits. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1037-1059.	0.7	5
8	On Phase Reduction and Time Period of Noisy Oscillators. , 2019, , .		5
9	Spatial uniformity in diffusively-coupled systems using weighted L^{2} norm contractions. , 2013, , .		4
10	A Mathematical Description of Bacterial Chemotaxis in Response to Two Stimuli. Bulletin of Mathematical Biology, 2022, 84, 9.	0.9	3
11	Remarks on diffusive-link synchronization using non-Hilbert logarithmic norms. , 2014, , .		2
12	Stochastic Logarithmic Lipschitz Constants: A Tool to Analyze Contractivity of Stochastic Differential Equations. , 2022, 6, 2311-2316.		1
13	Stochastic synchronization in nonlinear network systems driven by intrinsic and coupling noise. Biological Cybernetics, 2022, 116, 147-162.	0.6	1