

Biswadiip Dey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7726761/publications.pdf>

Version: 2024-02-01

22
papers

362
citations

1307543

7
h-index

1474186

9
g-index

23
all docs

23
docs citations

23
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonicotinoid exposure disrupts bumblebee nest behavior, social networks, and thermoregulation. <i>Science</i> , 2018, 362, 683-686.	12.6	178
2	Mixed mode oscillations and phase locking in coupled FitzHugh-Nagumo model neurons. <i>Chaos</i> , 2019, 29, 033105.	2.5	31
3	Social Buffering of Pesticides in Bumblebees: Agent-Based Modeling of the Effects of Colony Size and Neonicotinoid Exposure on Behavior Within Nests. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	20
4	Stabilizing a Flexible Beam on a Cart: A Distributed Port-Hamiltonian Approach. <i>Journal of Nonlinear Science</i> , 2010, 20, 131-151.	2.1	16
5	Bistability and Resurgent Epidemics in Reinfection Models. , 2018, 2, 290-295.		15
6	Topological limits to the parallel processing capability of network architectures. <i>Nature Physics</i> , 2021, 17, 646-651.	16.7	14
7	Trajectory smoothing as a linear optimal control problem. , 2012, , .		13
8	Station keeping through beacon-referenced cyclic pursuit. , 2015, , .		11
9	Investigating group behavior in dance: an evolutionary dynamics approach. , 2016, , .		9
10	Cluster Synchronization of Diffusively Coupled Nonlinear Systems: A Contraction-Based Approach. <i>Journal of Nonlinear Science</i> , 2020, 30, 2235-2257.	2.1	9
11	Biomimetic algorithms for coordinated motion: Theory and implementation. , 2015, , .		8
12	Stability and pure shape equilibria for beacon-referenced cyclic pursuit. , 2016, , .		7
13	Collective motion under beacon-referenced cyclic pursuit. <i>Automatica</i> , 2018, 91, 17-26.	5.0	7
14	BeeNestABM: An open-source agent-based model of spatiotemporal distribution of bumblebees in nests. <i>Journal of Open Source Software</i> , 2018, 3, 718.	4.6	7
15	Synchronization bound for networks of nonlinear oscillators. , 2016, , .		5
16	Control-theoretic data smoothing. , 2014, , .		4
17	Social decision-making driven by artistic exploreâ€œexploit tension. <i>Interdisciplinary Science Reviews</i> , 2019, 44, 55-81.	1.4	4
18	Feedback Controlled Bifurcation of Evolutionary Dynamics with Generalized Fitness. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Beacon-referenced Mutual Pursuit in Three Dimensions. , 2018, , .		2
20	Stabilizing a flexible beam on a cart: A distributed port Hamiltonian approach. , 2009, , .		0
21	Constant bearing pursuit on branching graphs. , 2017, , .		0
22	Beacon-referenced pursuit for collective motions in three dimensions. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20190585.	2.1	0