

Shinsaku Izumi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

122
citations

1478505

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all docs

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docs citations

30
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation Control of Four-Legged Robots Using Discrete-Valued Inputs. , 2022, 6, 1088-1093.		1
2	Distributed Spatial Filtering Over Networked Systems. , 2021, 5, 617-622.		4
3	Mass Game Simulator: An Entertainment Application of Multiagent Control. IEEE Access, 2021, 9, 4129-4140.	4.2	2
4	Anti-swing control of the Pendubot using damper and spring with positive or negative stiffness. International Journal of Robust and Nonlinear Control, 2021, 31, 4227-4246.	3.7	5
5	Analysis of synchronized behaviour of two metronomes: experimental verification. SICE Journal of Control Measurement and System Integration, 2021, 14, 291-299.	0.7	0
6	Analysis of robust transient stability of power systems using sum of squares programming. International Journal of Electrical Power and Energy Systems, 2020, 115, 105401.	5.5	7
7	Multi-Robot Control Inspired by Bacterial Chemotaxis: Coverage and Rendezvous via Networking of Chemotaxis Controllers. IEEE Access, 2020, 8, 124172-124184.	4.2	12
8	Chemotaxis-Inspired Control for Multi-Agent Coordination: Formation Control by Two Types of Chemotaxis Controllers. New Generation Computing, 2020, 38, 303-324.	3.3	5
9	Analysis and Design of Multi-Agent Systems in Spatial Frequency Domain: Application to Distributed Spatial Filtering in Sensor Networks. IEEE Access, 2020, 8, 34909-34918.	4.2	9
10	Design of Scalable Controllers for Power Systems. IFAC-PapersOnLine, 2020, 53, 13466-13470.	0.9	1
11	Analysis of small-signal stability of power systems with photovoltaic generators. Electrical Engineering, 2019, 101, 321-331.	2.0	2
12	Linear Controllability and Observability of n-Link Underactuated Planar Revolute Robot Moving in Constantly Rotating Frame in Horizontal Plane. , 2019, , .		1
13	Real-Time Pricing by Data Fusion on Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 1175-1185.	11.3	12
14	Estimation of regions of attraction of power systems by using sum of squares programming. Electrical Engineering, 2018, 100, 2205-2216.	2.0	20
15	New Results of Synchronization Condition of the Non-Uniform Kuramoto Oscillators. , 2018, , .		0
16	Analysis of Robust Transient Stability of Power Systems by using Sum of Squares programming. , 2018, , .		0
17	Angular Momentum based Stabilizing Control of Underactuated Multi-Link Planar Robots with Last Active Joint. , 2018, , .		1
18	Synchronization of Metronomes on a Hanging Plate. Transactions of the Institute of Systems Control and Information Engineers, 2018, 31, 400-402.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Analysis of synchronization of n metronomes on a hanging plate via describing function method without assumption on amplitudes of metronomes. , 2017, , .		3
20	Parameter Identification of a Metronome Model. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 191-196.	0.1	0
21	Stability analysis of power systems with photovoltaic generators. , 2016, , .		4
22	On a relation between graph signal processing and multi-agent consensus. , 2016, , .		8
23	Stabilization by controller networks. Systems and Control Letters, 2016, 94, 77-83.	2.3	2
24	Analysis of synchronization of two metronomes hanging from a plate via describing function approach. , 2016, , .		2
25	Distributed Hybrid Controllers for Multi-Agent Mass Games By A Variable Number of Player Agents. Asian Journal of Control, 2015, 17, 762-774.	3.0	8
26	C-17 Analysis of Bicycle Pedaling Motion Using a Two-Dimensional Closed-Link Model. The Proceedings of the Symposium on Sports and Human Dynamics, 2015, 2015, _C-17-1_-_C-17-7_.	0.0	0
27	Coverage Control Inspired by Bacterial Chemotaxis. , 2014, , .		5
28	Stabilization by controller networks. , 2013, , .		3
29	Half-tone Mass Games by Fixed Number of Mobile Robots. Transactions of the Institute of Systems Control and Information Engineers, 2012, 25, 94-100.	0.1	4
30	Scalable control of power systems. Electrical Engineering, 0, , 1.	2.0	0