

Shinsaku Izumi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

122
citations

1478505

6
h-index

1372567

10
g-index

30
all docs

30
docs citations

30
times ranked

135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Estimation of regions of attraction of power systems by using sum of squares programming. Electrical Engineering, 2018, 100, 2205-2216. | 2.0 | 20 |
| 2 | Real-Time Pricing by Data Fusion on Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 1175-1185. | 11.3 | 12 |
| 3 | Multi-Robot Control Inspired by Bacterial Chemotaxis: Coverage and Rendezvous via Networking of Chemotaxis Controllers. IEEE Access, 2020, 8, 124172-124184. | 4.2 | 12 |
| 4 | 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 |
| 5 | 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 |
| 6 | On a relation between graph signal processing and multi-agent consensus. , 2016, , . | | 8 |
| 7 | 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 |
| 8 | Coverage Control Inspired by Bacterial Chemotaxis. , 2014, , . | | 5 |
| 9 | 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 |
| 10 | 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 |
| 11 | Stability analysis of power systems with photovoltaic generators. , 2016, , . | | 4 |
| 12 | Distributed Spatial Filtering Over Networked Systems. , 2021, 5, 617-622. | | 4 |
| 13 | Halftone 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 |
| 14 | Stabilization by controller networks. , 2013, , . | | 3 |
| 15 | Analysis of synchronization of n metronomes on a hanging plate via describing function method without assumption on amplitudes of metronomes. , 2017, , . | | 3 |
| 16 | Stabilization by controller networks. Systems and Control Letters, 2016, 94, 77-83. | 2.3 | 2 |
| 17 | Analysis of synchronization of two metronomes hanging from a plate via describing function approach. , 2016, , . | | 2 |
| 18 | Analysis of small-signal stability of power systems with photovoltaic generators. Electrical Engineering, 2019, 101, 321-331. | 2.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Mass Game Simulator: An Entertainment Application of Multiagent Control. IEEE Access, 2021, 9, 4129-4140. | 4.2 | 2 |
| 20 | Angular Momentum based Stabilizing Control of Underactuated Multi-Link Planar Robots with Last Active Joint. , 2018, , . | | 1 |
| 21 | Linear Controllability and Observability of n-Link Underactuated Planar Revolute Robot Moving in Constantly Rotating Frame in Horizontal Plane. , 2019, , . | | 1 |
| 22 | Formation Control of Four-Legged Robots Using Discrete-Valued Inputs. , 2022, 6, 1088-1093. | | 1 |
| 23 | Design of Scalable Controllers for Power Systems. IFAC-PapersOnLine, 2020, 53, 13466-13470. | 0.9 | 1 |
| 24 | Synchronization of Metronomes on a Hanging Plate. Transactions of the Institute of Systems Control and Information Engineers, 2018, 31, 400-402. | 0.1 | 1 |
| 25 | New Results of Synchronization Condition of the Non-Uniform Kuramoto Oscillators. , 2018, , . | | 0 |
| 26 | Analysis of Robust Transient Stability of Power Systems by using Sum of Squares programming. , 2018, , . | | 0 |
| 27 | Scalable control of power systems. Electrical Engineering, 0, , 1. | 2.0 | 0 |
| 28 | 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 |
| 29 | Parameter Identification of a Metronome Model. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 191-196. | 0.1 | 0 |
| 30 | Analysis of synchronized behaviour of two metronomes: experimental verification. SICE Journal of Control Measurement and System Integration, 2021, 14, 291-299. | 0.7 | 0 |