

Naoki Hayashi

List of Publications by Year in descending order

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38
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1040056

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38
all docs

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docs citations

38
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Triethylsilane-Indium(III) Chloride System as a Radical Reagent. <i>Organic Letters</i> , 2004, 6, 4981-4983.	4.6	83
2	Distributed Subgradient Method With Edge-Based Event-Triggered Communication. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2248-2255.	5.7	67
3	Inter- and Intramolecular Radical Couplings of Ene-yne or Halo-alkenes Promoted by an InCl ₃ /MeONa/Ph ₂ SiH ₂ System. <i>Organic Letters</i> , 2005, 7, 3093-3096.	4.6	44
4	Bu ₂ SnH-Promoted Proximal Bond Cleavage of Methylene-cyclopropanes and Successive Radical Cyclization and/or Pd-Catalyzed Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 2912-2913.	13.7	34
5	Hydroindation of allenes and its application to radical cyclization. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1949.	2.8	32
6	Linear Convergence of Consensus-Based Quantized Optimization for Smooth and Strongly Convex Cost Functions. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 1254-1261.	5.7	22
7	Event-Triggered and Self-Triggered Control for Discrete-Time Average Consensus Problems. <i>SICE Journal of Control Measurement and System Integration</i> , 2014, 7, 297-303.	0.7	20
8	Regio- and stereoselective hydrostannation of allenes using dibutyltin hydride (Bu ₂ SnH) and successive coupling with aromatic halides. <i>Chemical Communications</i> , 2007, , 4913.	4.1	11
9	Distributed event-triggered algorithm for unconstrained convex optimisation over weight-balanced directed networks. <i>IET Control Theory and Applications</i> , 2020, 14, 253-261.	2.1	10
10	Distributed Primal-Dual Perturbation Algorithm Over Unbalanced Directed Networks. <i>IEEE Access</i> , 2021, 9, 75324-75335.	4.2	9
11	Potential Game Theoretic Approach to Power-Aware Mobile Sensor Coverage Problem. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2011, E94-A, 929-936.	0.3	9
12	2D Voronoi Coverage Control with Gaussian Density Functions by Line Integration. <i>SICE Journal of Control Measurement and System Integration</i> , 2017, 10, 110-116.	0.7	8
13	H [∞] control of microgrids involving gas turbine engines and batteries. , 2012, , .		7
14	Dynamic Regret Analysis for Event-Triggered Distributed Online Optimization Algorithm. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2021, E104.A, 430-437.	0.3	7
15	Passivity-Based Analysis and Nudging Design for Dynamic Social Model with Bounded Rationality. <i>IFAC-PapersOnLine</i> , 2020, 53, 338-343.	0.9	7
16	GTS-based communication task scheduling for quantized output consensus over IEEE 802.15.4 wireless networks. <i>Automatica</i> , 2015, 55, 6-11.	5.0	6
17	A Gradient-Based Approach for Discrete-Time Average Consensus with Self-Triggered Control. <i>SICE Journal of Control Measurement and System Integration</i> , 2016, 9, 122-127.	0.7	6
18	Event-Triggered Consensus-Based Optimization Algorithm for Smooth and Strongly Convex Cost Functions. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Application of a consensus problem to fair multi-resource allocation in real-time systems. , 2008, , .		5
20	Distributed Source Identification by Two-Hop Consensus Dynamics with Uniform Time-Varying Communication Time-Delays. SICE Journal of Control Measurement and System Integration, 2017, 10, 70-76.	0.7	5
21	Cooperative Target Tracking by Multiagent Camera Sensor Networks via Gaussian Process. IEEE Access, 2022, 10, 71717-71727.	4.2	5
22	Distributed Subgradient Method for Constrained Convex Optimization with Quantized and Event-Triggered Communication. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 428-434.	0.3	4
23	Distributed Event-Triggered Subgradient Method for Convex Optimization with a Common Constraint Set. IFAC-PapersOnLine, 2017, 50, 15319-15324.	0.9	3
24	Distributed multi-step subgradient algorithm for constrained convex optimization with undirected time-varying communications. , 2017, , .		3
25	Robust AC Voltage Regulation of Microgrids in Islanded Mode with Sinusoidal Internal Model. SICE Journal of Control Measurement and System Integration, 2017, 10, 62-69.	0.7	2
26	Adaptive Arbitration of Fair QoS Based Resource Allocation in Multi-Tier Computing Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 1678-1683.	0.3	2
27	Discrete-Time Average Consensus with Multi-Hop Communication. SICE Journal of Control Measurement and System Integration, 2016, 9, 187-191.	0.7	2
28	Optimal Resource Allocation under Fair QoS in Multi-tier Server Systems. Transactions of the Institute of Systems Control and Information Engineers, 2010, 23, 39-45.	0.1	1
29	Event-based Cooperative Target Tracking by 2-level Hierarchical PTZ Camera Sensor Networks. Transactions of the Society of Instrument and Control Engineers, 2016, 52, 19-27.	0.2	1
30	Unconstrained Convex Optimization by Distributed Event-Driven Subgradient Algorithm based on Consensus Control. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 253-262.	0.1	1
31	Adaptive fair resource management with an arbiter for multi-tier computing systems. , 2009, , .		0
32	Distributed and Cooperative Control in Wind Farms. Ieice Ess Fundamentals Review, 2021, 14, 170-180.	0.1	0
33	Adaptive Stepsize Rule for Consensus Optimization by Supervisory Control Architecture. Transactions of the Institute of Systems Control and Information Engineers, 2019, 32, 338-348.	0.1	0
34	Distributed Sparse Modeling for Society 5.0: Big Data Analysis over Multiagent Networks. Ieice Ess Fundamentals Review, 2019, 13, 95-107.	0.1	0
35	Analysis of Distributed Thompson Sampling based on Consensus Control. Transactions of the Institute of Systems Control and Information Engineers, 2020, 33, 57-65.	0.1	0
36	Distributed Blade Pitch Angle Control in Floating Offshore Wind Farm with Coordination of Total Power Generation. Transactions of the Society of Instrument and Control Engineers, 2020, 56, 395-402.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Consensus-Based Quantized Algorithm for Convex Optimization with Smooth Cost Functions. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 435-442.	0.3	0
38	Distributed sparse optimization for source localization over diffusion fields with cooperative spatiotemporal sensing. Advanced Robotics, 0, , 1-15.	1.8	0