

Yasuo Konishi

List of Publications by Year in descending order

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59
papers

112
citations

1684188

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1588992

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all docs

59
docs citations

59
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance-Adaptive Generalized Predictive Control-Based Proportional-Integral-Derivative Control System and Its Application. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	1.6	11
2	Discrete-Time First-Order Plus Dead-Time Model-Reference Trade-off PID Control Design. Applied Sciences (Switzerland), 2019, 9, 3220.	2.5	11
3	Ripple-Free Data-Driven Dual-Rate Controller Using Lifting Technique: Application to a Physical Rotation System. IEEE Transactions on Control Systems Technology, 2021, 29, 1332-1339.	5.2	10
4	Adaptive PID control system with assigned robust stability. IEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1169-1181.	1.4	9
5	A Statistical Approach for Handwritten Character Recognition Using Bayesian Filter. , 2008, , .		7
6	State-space design method for both intersample and sampled responses in a multirate control system. , 2010, , .		6
7	Data-driven control system design for a multi-input single-output dual-rate system based on input-multiple closed-loop data. IEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 654-655.	1.4	6
8	Vehicle's Orientation Measurement Method by Single-Camera Image Using Known-Shaped Planar Object. , 2009, , .		4
9	Design of a performance-adaptive GPC-PI control system for controlling a weigh feeder. , 2012, , .		4
10	Neural network-based construction of inverse kinematics model for serial redundant manipulators. Artificial Life and Robotics, 2019, 24, 487-493.	1.2	4
11	Consensus Control of Dual-Rate Multi-Agent Systems With Quantized Communication. IEEE Access, 2020, 8, 97557-97563.	4.2	4
12	Slope-Walking of a Biped Robot with K Nearest Neighbor method. , 2009, , .		3
13	Motion Discrimination from EEG Using Logistic Regression and Schmitt-Trigger-Type Threshold. , 2015, , .		3
14	Design of an Input-multiple Dual-rate Sampled-data Control System Using Null Space. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 373-377.	0.1	3
15	Feedforward Controller Tuning Method based on Online FRIT with Control Performance Evaluation. Transactions of the Institute of Systems Control and Information Engineers, 2013, 26, 221-223.	0.1	3
16	Intraoral Eating Sensor using Electromyogram. IEJ Transactions on Electronics, Information and Systems, 2014, 134, 1678-1683.	0.2	3
17	Parameter Identification of the Acrobot Using the Unscented Kalman Filter. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2005, 71, 2563-2570.	0.2	2
18	Comparison of 2DOF GMVC-based PID control laws. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Data-driven method for a single-input multi-output dual-rate system. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1837-1838.	1.4	2
20	Dual-rate control system extension using the null space of a closed-loop system. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 135-139.	1.4	2
21	A Design of Fault-tolerant Adaptive Control with External Signal Injection for Input-redundant Linear Plant. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 386-394.	0.1	2
22	On Consensus in Multi-agent Systems with Quantized Signal Communication. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 300-304.	0.2	2
23	Camera Parameter Estimation Method for Stereo Camera Systems Using the Unscented Kalman Filter. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2007, 73, 495-503.	0.2	1
24	Development of High Speed Controller of Container Crane by Binary Input Using Mixed Logical Dynamical System. , 2009, , .		1
25	Tongue-Motion Classification Using Intraoral Electromyography for a Tongue-Computer Interface. , 2015, , .		1
26	Flight Control of a Twin-Rotor Type Model Helicopter Based on First-Order Approximate Linearization. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1269-1270.	0.2	1
27	Design of a Multi-rate Control System Using Null-Space in State-space Representation. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 287-292.	0.2	1
28	Active Finger Recognition from Surface EMG Signal Using Bayesian Filter. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 736-741.	0.2	1
29	Feeding Behavior Detection by Temporal Change of Intraoral Temperature. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 462-463.	0.2	1
30	Improvement in Control Performance of a Weigh Feeder Using Steady-state Prediction. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 728-729.	0.2	1
31	A Fault-Tolerant Adaptive Control Design and Fault Detection with Input Redundancy for a 2-input Redundant Plant. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 330-337.	0.1	1
32	An Application of Sliding Mode Control for Two-Wheeled Vehicle with Nonholonomic Constraints. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 209-214.	0.4	0
33	Velocity estimation and detection of moving objects by using extended complex Kalman filters in the mixed domain. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2003, 86, 1-10.	0.1	0
34	Optimizing Parameters for Support Vector Machines Using Reinforcement Learning. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2005, 71, 2989-2995.	0.2	0
35	Positioning Control of a 2-Mass Spring System with Static and Kinetic Friction Using Hybrid Controller. , 2008, , .		0
36	Extension of a dual-rate control system using null-space. , 2017, , .		0

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37	Design of an Anti-windup Dynamic Quantizer for a Discrete-valued Input Control System. Transactions of the Institute of Systems Control and Information Engineers, 2018, 31, 58-62.	0.1	0
38	On consensus in multiagent systems with quantized signal communication. Electronics and Communications in Japan, 2019, 102, 31-35.	0.5	0
39	A proposal for a nonlinear Kalman filter using state dependent linear representation system and its performance analysis by numerical simulations. Transactions of the JSME (in Japanese), 2021, 87, 20-00387-20-00387.	0.2	0
40	MG121 A study of prosthetic foot with variable stiffness toe mechanism : Evaluation of toe stiffness at walking flat ground and step. The Proceedings of the JSME Symposium on Welfare Engineering, 2007, 2007, 97-100.	0.0	0
41	ME314 Influence of frictional force on bed sore. The Proceedings of the JSME Symposium on Welfare Engineering, 2007, 2007, 193-196.	0.0	0
42	Measurement Method of Static Friction by a Piezoelectric Impact Drive Mechanism. Tribology Online, 2008, 3, 65-69.	0.9	0
43	Multi-rate Control System for Improvement in Intersample Response Based on State-space Representation. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 866-872.	0.2	0
44	Two-Degree-of-Freedom Design for Integral Compensation in a Multirate Control System. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1114-1119.	0.2	0
45	Design of the Noise Response Independent of the Sampled Response in a Multi-rate System. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1271-1272.	0.2	0
46	Near-Infrared Spectroscopy Measurement for Brain Activity Analysis during Ergometer Pedal Exercise. SICE Journal of Control Measurement and System Integration, 2014, 7, 327-331.	0.7	0
47	Classifier Update Method Using Semi-supervised Learning for EMG-based Motion Recognition. Transactions of the Society of Instrument and Control Engineers, 2015, 51, 535-541.	0.2	0
48	Dual-rate Control System Based on Open-loop Input/Output Data for a Single-input Single-output System. Transactions of the Institute of Systems Control and Information Engineers, 2016, 29, 231-233.	0.1	0
49	An Approach for the Antagonistic Control Using the Adaptive Control Allocator. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 407-409.	0.1	0
50	Control education by experiment using a floating device. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 471-479.	0.2	0
51	Design of a multi-rate control system in state-space representation using input redundancy. Transactions of the JSME (in Japanese), 2019, 85, 18-00400-18-00400.	0.2	0
52	Improvement in Intersample Response of Multirate Optimal Control. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 455-458.	0.1	0
53	Design of a Data-driven Dual-rate Cascade Control System. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 409-413.	0.2	0
54	Extension of Dual-rate Control System Independent of Discrete-time Reference/disturbance Response. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 318-322.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Data-driven Control for Output-multiple Dual-rate Systems. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 484-485.	0.2	0
56	Extension of the Dual-rate Control System Independent of the Discrete-time Output Response. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 889-890.	0.2	0
57	Objective Evaluation of the Educational Effects on the Feedforward, Feedback and PID Control*. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 230-232.	0.1	0
58	Trajectory Generation of a Mobile Robot using Mixed Integer Programming with Velocity as a Constraint. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 334-335.	0.2	0
59	A Design Method of Online Reference Governor for Input Restriction System Using Particle Swarm Optimization. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 322-327.	0.2	0