

# Masayuki Fujita

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2065726/masayuki-fujita-publications-by-citations.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176  
papers

1,287  
citations

15  
h-index

30  
g-index

211  
ext. papers

1,635  
ext. citations

1.1  
avg, IF

4.44  
L-index

#	Paper	IF	Citations
176	Passivity-Based Attitude Synchronization in $\mathbb{S}E(3)$ . <i>IEEE Transactions on Control Systems Technology</i> , <b>2009</b> , 17, 1119-1134	4.8	111
175	Passivity-Based Control and Estimation in Networked Robotics. <i>Communications and Control Engineering</i> , <b>2015</b> ,	0.6	85
174	Passivity-Based Dynamic Visual Feedback Control for Three-Dimensional Target Tracking: Stability and $L_2$ -Gain Performance Analysis. <i>IEEE Transactions on Control Systems Technology</i> , <b>2007</b> , 15, 40-52	4.8	80
173	Application of gain scheduled $H_\infty$ robust controllers to a magnetic bearing. <i>IEEE Transactions on Control Systems Technology</i> , <b>1996</b> , 4, 484-493	4.8	68
172	Passivity-Based Pose Synchronization in Three Dimensions. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 360-375	5.9	64
171	Integrity against arbitrary feedback-loop failure in linear multivariable control systems. <i>Automatica</i> , <b>1988</b> , 24, 765-772	5.7	58
170	. <i>IEEE Transactions on Automatic Control</i> , <b>1995</b> , 40, 530-536	5.9	53
169	Voronoi based coverage control with anisotropic sensors <b>2008</b> ,		39
168	A design method for linear state feedback systems possessing integrity based on a solution of a Riccati-type equation. <i>International Journal of Control</i> , <b>1985</b> , 42, 887-899	1.5	37
167	Coverage control for mobile networks with limited-range anisotropic sensors <b>2008</b> ,		36
166	On the central controller: Characterizations via differential games and LEQG control problems. <i>Systems and Control Letters</i> , <b>1989</b> , 13, 9-13	2.4	31
165	. <i>IEEE Robotics and Automation Letters</i> , <b>2020</b> , 5, 1891-1898	4.2	23
164	Passivity-based bilateral human-swarm-interactions for cooperative robotic networks and human passivity analysis <b>2015</b> ,		21
163	Robust control of electrodynamic shaker with 2dof control using H $\infty$ filter. <i>Journal of Sound and Vibration</i> , <b>2009</b> , 326, 75-87	3.9	16
162	Magnetic Bearings. State of the Art of Magnetic Bearings. (Overview of Magnetic Bearing Research and Applications).. <i>JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing</i> , <b>1997</b> , 40, 553-560		15
161	Vision-based cooperative estimation via multi-agent optimization <b>2010</b> ,		14
160	Event-predictive control for energy saving of wireless networked control system <b>2009</b> ,		14

159	Passivity-based generalization of primal-dual dynamics for non-strictly convex cost functions. <i>Automatica</i> , <b>2020</b> , 112, 108712	5.7	13
158	Cooperative Estimation of Averaged 3-D Moving Target Poses via Networked Visual Motion Observer. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 623-638	5.9	12
157	Model predictive control with a mixed integer programming for merging path generation on motor way <b>2017</b> ,		12
156	Passivity-based Visual Motion Observer with Panoramic Camera for Pose Control. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , <b>2011</b> , 64, 561-583	2.9	12
155	Voronoi-based coverage control with anisotropic sensors and experimental case study. <i>Intelligent Service Robotics</i> , <b>2009</b> , 2, 195-204	2.6	12
154	. <i>IEEE Transactions on Automatic Control</i> , <b>1992</b> , 37, 1762-1767	5.9	12
153	A Payoff-Based Learning Approach to Cooperative Environmental Monitoring for PTZ Visual Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 709-724	5.9	11
152	Visual feedback attitude synchronization in leader-follower type visibility structures <b>2010</b> ,		11
151	H control attenuating initial-state uncertainties. <i>International Journal of Control</i> , <b>1997</b> , 66, 245-252	1.5	11
150	Tele-Rehabilitation system for human lower limb using electrical stimulation based on bilateral teleoperation <b>2017</b> ,		10
149	Payoff-based Inhomogeneous Partially Irrational Play for potential game theoretic cooperative control: Convergence analysis <b>2012</b> ,		10
148	Design of an filter-based robust visual servoing system. <i>Control Engineering Practice</i> , <b>1998</b> , 6, 219-225	3.9	10
147	Visual motion observer-based pose synchronization: A passivity approach <b>2009</b> ,		9
146	Robust control for planar manipulators with image feature parameter potential. <i>Advanced Robotics</i> , <b>1997</b> , 12, 67-80	1.7	9
145	Passivity-based output synchronization and flocking algorithm in SE(3) <b>2008</b> ,		9
144	Passivity-based 3D attitude coordination: Convergence and connectivity <b>2007</b> ,		9
143	Robust control of a two-axis, magnetic suspension, flexible-beam system based on H <sub>∞</sub> optimization theory. <i>International Journal of Robust and Nonlinear Control</i> , <b>1992</b> , 2, 165-182	3.6	9
142	Visual Coverage Control for Teams of Quadcopters via Control Barrier Functions <b>2019</b> ,		8

141	Passivity-based pose synchronization using only relative pose information under general digraphs <b>2012,</b>		8
140	Passivity-based control of human-robotic networks with inter-robot communication delays and experimental verification <b>2017,</b>		7
139	Potential game theoretic attitude coordination on the circle: Synchronization and balanced circular formation <b>2010,</b>		7
138	Passivity-based output synchronization in SE(3) <b>2008,</b>		7
137	Predictive Visual Feedback Control with Eye-in/to-Hand Configuration via Stabilizing Receding Horizon Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control,</i> <b>2008,</b> 41, 5341-5346		7
136	. <i>IEEE Transactions on Automatic Control,</i> <b>1991,</b> 36, 875-880	5.9	7
135	Motion synchronization for semi-autonomous robotic swarm with a passivity-short human operator. <i>International Journal of Intelligent Robotics and Applications,</i> <b>2018,</b> 2, 235-251	1.7	6
134	Experimental study on persistent coverage control with information decay <b>2015,</b>		6
133	Passivity-based control for 2DOF robot manipulators with antagonistic bi-articular muscles <b>2011,</b>		6
132	Coverage control for camera sensor networks: Its implementation and experimental verification <b>2009,</b>		6
131	Experimental implementation of bilateral teleoperation with time delay using command governor <b>2008,</b>		6
130	Congestion control for TCP/AQM networks using state predictive control. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi),</i> <b>2006,</b> 156, 41-47	0.4	6
129	Congestion Control for TCP/AQM Networks using State Predictive Control. <i>IEEJ Transactions on Electronics, Information and Systems,</i> <b>2005,</b> 125, 1491-1496	0.1	6
128	Experiments on the loop shaping based H <sub>∞</sub> control of a magnetic bearing <b>1993,</b>		6
127	Analysis of State Reachable Sets for Quadratic Systems. <i>Transactions of the Society of Instrument and Control Engineers,</i> <b>1998,</b> 34, 1590-1595	0.1	6
126	Passivity-Based Visual Motion Observer Integrating Three Dimensional Target Motion Models. <i>SICE Journal of Control Measurement and System Integration,</i> <b>2012,</b> 5, 276-282	0.3	6
125	FES-assisted cycling with velocity tracking control for hemiparesis rehabilitation <b>2017,</b>		5
124	Game theoretic cooperative control of PTZ visual sensor networks for environmental change monitoring <b>2013,</b>		5

123	Distributed decision making for task switching via a consensus-like algorithm <b>2009</b> ,		5
122	Visual feedback pose synchronization with a generalized camera model <b>2011</b> ,		5
121	Predictive Visual Feedback Control with Eye-in-Hand System via Stabilizing Receding Horizon Approach <b>2006</b> ,		5
120	Passivity-based dynamic visual feedback control with uncertainty of camera coordinate frame		5
119	Gain perturbation tolerance in H <sub>∞</sub> feedback control. <i>International Journal of Control</i> , <b>1990</b> , 51, 315-328	1.5	5
118	Image-based Dynamic Visual Feedback Control via Passivity Approach <b>2006</b> ,		5
117	3-D visual coverage based on gradient descent algorithm on matrix manifolds and its application to moving objects monitoring <b>2014</b> ,		4
116	Stabilizing predictive visual feedback control for fixed camera systems. <i>Electronics and Communications in Japan</i> , <b>2011</b> , 94, 1-11	0.4	4
115	Passivity-based control on dynamic visual feedback systems with movable camera configuration. <i>Electronics and Communications in Japan</i> , <b>2009</b> , 92, 1-11	0.4	4
114	Optimal control of discrete-time linear systems with network-induced varying delay		4
113	Decoupling control with a limiting form of linear optimal regulator for a non-minimum phase system. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , <b>2000</b> , 132, 49-57	0.4	4
112	Theory and experiment of magnetic bearing combining radial control and thrust control. <i>IEEE Transactions on Magnetics</i> , <b>1987</b> , 23, 2581-2583	2	4
111	Game Theoretic Receding Horizon Cooperative Network Formation for Distributed Microgrids: Variability Reduction of Photovoltaics. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2013</b> , 6, 281-289	0.3	4
110	Passivity-based 3D Dynamic Visual Feedback Control with a Fixed Camera. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2005</b> , 18, 127-135	0.1	4
109	Explicit Receding Horizon Control of Automobiles with Continuously Variable Transmissions. <i>Lecture Notes in Control and Information Sciences</i> , <b>2009</b> , 561-569	0.5	4
108	Analysis of Anti-Windup Controllers Based on Analysis of Output Reachable Sets. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>1999</b> , 35, 861-868	0.1	4
107	Cooperative Control of Human-robotic Network under Inter-robot Communication Delay: A Passivity Approach. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2017</b> , 53, 663-670	0.1	4
106	Bilateral Tele-Rehabilitation System using Electrical Stimulation applying Modulated Time-Domain Passivity Control. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 79-84	0.7	4

105	Modeling and Identification of Data Center HVAC System with Super-Multipoint Temperature Sensing System. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2018</b> , 11, 221-229	0.3	4
104	Continuous-Time Optimization Dynamics Mirroring ADMM Architecture and Passivity-Based Robustification Against Delays. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 1296-1307	4	3
103	Model predictive control for demand response aggregation management system with response delay time and uncertainty model <b>2014</b> ,		3
102	Visual motion observer-based stabilizing receding horizon control via image space navigation function <b>2010</b> ,		3
101	Bilateral teleoperation of wheeled mobile robot with time delay using virtual image robot <b>2010</b> ,		3
100	Cooperative estimation of 3D target object motion via networked visual motion observers <b>2011</b> ,		3
99	Visual feedback leader-following pose synchronization: Convergence analysis <b>2011</b> ,		3
98	Open-loop control for 2DOF robot manipulators with antagonistic bi-articular muscles <b>2012</b> ,		3
97	Equilibrium Configurations for a Territorial Model. <i>SIAM Journal on Applied Dynamical Systems</i> , <b>2009</b> , 8, 1234-1260	2.8	3
96	Robust Multivariable Control of Multi-Axis Electrodynamical Shaking System Using .MU.-synthesis. <i>Journal of System Design and Dynamics</i> , <b>2008</b> , 2, 1093-1105		3
95	Image-based dynamic visual feedback control via passivity approach <b>2006</b> ,		3
94	Wireless Sensor Network based Control System - Trade off between sensor power saving and control performance - <b>2007</b> ,		3
93	Inverse optimal H <sub>∞</sub> disturbance attenuation of robotic manipulators <b>1999</b> ,		3
92	Experimental Verification of H <sub>∞</sub> ; Congestion Controllers for TCP/AQM Networks. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2004</b> , 124, 2093-2100	0.1	3
91	Passivity-Based Visual Feedback Pose Regulation Integrating a Target Motion Model in Three Dimensions. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2013</b> , 6, 322-330	0.3	3
90	Persistent Object Search and Surveillance Control With Safety Certificates for Drone Networks Based on Control Barrier Functions. <i>Frontiers in Robotics and AI</i> , <b>2021</b> , 8, 740460	2.8	3
89	An Experimental Study of Stabilizing Receding Horizon Control of Visual Feedback System with Planar Manipulators <b>2007</b> , 573-580		3
88	Stabilizing Predictive Visual Feedback Control for Fixed Camera Systems. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2009</b> , 129, 630-638	0.1	3

87	On Predictive Control for Systems with Information Structured Constraints. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2011</b> , 4, 452-459	0.3	3
86	Experimental study of gradient-based visual coverage control on SO(3) toward moving object/human monitoring <b>2015</b> ,		2
85	Passivity-based visual pose regulation for a moving target object in three dimensions: Structure design and convergence analysis <b>2012</b> ,		2
84	Passivity-based visual motion observer: From theory to distributed algorithms <b>2010</b> ,		2
83	Visual motion observer-based pose control with panoramic camera via passivity approach <b>2010</b> ,		2
82	Experiments on stabilizing receding horizon control of a direct drive manipulator. <i>Electronics and Communications in Japan</i> , <b>2008</b> , 91, 33-40	0.4	2
81	Application of Two-Degree-of-Freedom Control to Multi-Axis Electrodynamic Shaking System Using-Synthesis and Adaptive Filter. <i>JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing</i> , <b>2003</b> , 46, 828-834		2
80	H.INF. Control System Design of the Magnetic Suspension System Considering Initial State Uncertainties. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2003</b> , 123, 1094-1100	0.1	2
79	A scheduled controller design of congestion control considering network resource constraints. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , <b>2004</b> , 149, 61-68	0.4	2
78	EXPERIMENTS ON STABILIZING RECEDING HORIZON CONTROL OF A DIRECT DRIVE MANIPULATOR. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2005</b> , 38, 85-90		2
77	Experimental verification of stabilizing congestion controllers using the network testbed		2
76	Controllers attenuating disturbances and initial-uncertainties for time-varying systems <b>1991</b> , 187-196		2
75	Experiments on Stabilizing Receding Horizon Control of a Direct Drive Manipulator. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2007</b> , 127, 748-754	0.1	2
74	Approximate robust receding horizon control for piecewise linear systems via orthogonal partitioning <b>2003</b> ,		2
73	Stochastic Estimation Performance Analysis of Visual Motion Observer. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2014</b> , 27, 443-451	0.1	2
72	Foundation: Passivity, Stability and Passivity-Based Motion Control. <i>Communications and Control Engineering</i> , <b>2015</b> , 31-49	0.6	2
71	Seeking Optimal Equilibria for Coverage Games. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2012</b> , 25, 247-255	0.1	2
70	Visual Surveillance of Human Activities via Gradient-Based Coverage Control on Matrix Manifolds. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 2220-2234	4.8	2

69	Control Barrier Function-Based Persistent Coverage with Performance Guarantee and Application to Object Search Scenario <b>2020</b> ,		2
68	Distributed Visual 3-D Localization of A Human Using Pedestrian Detection Algorithm: A Passivity-Based Approach. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 210-215	0.7	2
67	A passivity-based approach for constrained mobile robotic networks <b>2016</b> ,		2
66	On Passivity-Shortage of Human Operators for A Class of Semi-autonomous Robotic Swarms. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 51, 21-27	0.7	1
65	Two variations of passivity-short-based semi-autonomous robotic swarms <b>2018</b> ,		1
64	A Passivity-Based System Design of Semi-Autonomous Cooperative Robotic Swarm. <i>Mechanical Engineering</i> , <b>2017</b> , 139, S14-S18	0.9	1
63	Stochastic performance analysis of visual motion observer and experimental verifications <b>2015</b> ,		1
62	Modeling of HVAC system in data center with super-multipoint temperature sensing technology <b>2014</b> ,		1
61	Passivity-based iterative learning control for 2DOF robot manipulators with antagonistic bi-articular muscles <b>2014</b> ,		1
60	Collision Avoidability Analysis of Vehicle Platoon under V2V2I Communication. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2012</b> , 25, 181-188	0.1	1
59	Passivity-based discrete visual motion observer taking account of camera frame rates <b>2013</b> ,		1
58	Dynamic topology optimization for dependable sensor networks <b>2010</b> ,		1
57	Passivity-based cooperative estimation of 3D target motion for visual sensor networks: Analysis on averaging performance <b>2011</b> ,		1
56	Visual motion observer-based pose control via obstacle avoidance navigation function for eye-in-hand systems <b>2012</b> ,		1
55	Vision-Based Cooperative Estimation of 3D Target Pose under Imperfect Visibility. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2012</b> , 45, 299-304		1
54	Robust Disturbance-Force Compensator for Time Waveform Replication of an Electrodynamic Shaker. <i>Journal of System Design and Dynamics</i> , <b>2010</b> , 4, 1-12		1
53	Passivity-based Dynamic Visual Force Feedback Control for Fixed Camera Systems <b>2008</b> ,		1
52	Formation control via receding horizon control: A set theoretic approach <b>2008</b> ,		1



51	Formation Control for Mobile Robots in partially known Environments using Mixed Integer Programming and Fuzzy Systems <b>2006</b> ,		1
50	A study of bilateral teleoperation with time delay using command governor <b>2007</b> ,		1
49	Robust acceleration and displacement control of electrodynamic shaker <b>2006</b> ,		1
48	Another look at finite horizon H <sub>∞</sub> control problems for systems with input delays. <i>Automatica</i> , <b>2004</b> , 40, 977-984	5.7	1
47	APPLICATION OF TWO-DEGREE-OF-FREEDOM CONTROL TO MULTI-AXIS ELECTRO-DYNAMIC SHAKING SYSTEM USING SYNTHESIS AND ADAPTIVE FILTER. <i>The Proceedings of the International Conference on Motion and Vibration Control</i> , <b>2002</b> , 6.1, 253-258	0	1
46	Cooperative Pursuit Control Based on Networked Visual Motion Observer in Three Dimensions. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2020</b> , 56, 386-393	0.1	1
45	Scheduled Controller Design of Congestion Control Considering Network Resource Constraints. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2003</b> , 123, 1053-1059	0.1	1
44	Observer-based Dynamic Visual Feedback Control of Robotic Systems. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2004</b> , 17, 39-47	0.1	1
43	Passivity-based Control of Dynamic Visual Feedback Systems with Movable Camera Configuration. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2008</b> , 128, 286-294	0.1	1
42	Discrete Type Selectable Turn over Design Method and Its Application to a Magnetic Bearing. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>1990</b> , 26, 842-844	0.1	1
41	A Design Scheme of Bilateral Teleoperation of Constrained System with Time Delay. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2009</b> , 129, 1655-1661	0.1	1
40	Decision dynamics in cooperative search based on evolutionary game theory. <i>Communications in Information and Systems</i> , <b>2011</b> , 11, 57-70	0.8	1
39	Maximization of Smoothing Effects for Photovoltaic Generation via Game Theoretic Learning Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2013</b> , 49, 229-236	0.1	1
38	Persistent Visual Coverage Control Ensuring Field of ViewsPOverlap with Information Reliability and Energy Management. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2021</b> , 141, 417-425	0.1	1
37	Design of Continuous-time ADMM and Convergence Analysis Based on Passivity. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2019</b> , 55, 286-293	0.1	1
36	Pose Control for Rigid Body Motion with an Input-to-state Safe Control Barrier Function. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 394-399	0.7	1
35	Distributed Dynamic Reference Governor for Constrained Semi-Autonomous Robotic Swarms with Communication Delays and Experimental Verification. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2019</b> , 12, 237-245	0.3	1
34	Gaussian process-based visual pursuit control with unknown target motion learning in three dimensions. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2021</b> , 14, 116-127	0.3	1

33	A Passivity-Based Distributed Reference Governor for Constrained Robotic Networks * *This work is supported by EM-EASED, FRIA, and JSPS KAK- ENHI Grant Number JP15H04019. The stay of Tam Nguyen in Tokyo Institute of Technology has been supported by the Erasmus Mundus EASED programme (Grant 2012-5538/004-001) coordinated by CentraleSuplec. <i>IFAC-PapersOnLine</i> , <b>2017</b> , Integrity conditions for a class of robust servo systems. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , <b>1989</b> , 109, 65-74	0.7	0
32		0.4	0
31	A Passivity Approach to Vision-based Dynamic Control of Robots with Nonlinear Observer	199-213	0
30	Cooperative Visual Environmental Monitoring: A Gradient Descent Approach on $SO(3)$ . <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2015</b> , 51, 139-147	0.1	0
29	Frame Rate-based Discrete Visual Feedback Pose Regulation: A Passivity Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 11171-11176		
28	Relative Pose Information-based 3-D Flocking Control. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2015</b> , 51, 189-196	0.1	
27	Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. <i>Electronics and Communications in Japan</i> , <b>2013</b> , 96, 12-21	0.4	
26	Visual Feedback Leader-following Attitude Synchronization. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2011</b> , 24, 155-164	0.1	
25	$H_{\infty}$ Congestion Controller Design for TCP/AQM Networks and Experimental Verification using the Small-Scale Network Testbed. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2004</b> , 37, 603-608		
24	Adaptive $H_{\infty}$ Control for robust visual feedback systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1999</b> , 32, 2298-2303		
23	Loop-shaping based $H_{\infty}$ robust control of a horizontal shaft magnetic bearing. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , <b>1994</b> , 114, 113-121	0.4	
22	Robust stabilization of a magnetic suspension system using $H_{\infty}$ Control Theory. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , <b>1991</b> , 111, 117-124	0.4	
21	Estimation of Soil Degradation Rate Constants from Vertical Distribution of Soil Carbon Content. <i>Journal of Chemical Engineering of Japan</i> , <b>2003</b> , 36, 428-434	0.8	
20	Robust Receding Horizon Control for Hybrid Systems based on Constrained Positively Invariant Sets. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2003</b> , 39, 375-381	0.1	
19	$H^{\infty}$ Output Feedback Control Synthesis for Linear Time-Delay Systems via Infinite-Dimensional LMI Approach. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2004</b> , 40, 390-397	0.1	
18	Output Feedback Receding Horizon $H^{\infty}$ Control for Linear Time Varying Systems Using Extended Terminal Inequality Conditions. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2004</b> , 40, 656-663	0.1	
17	FES-assisted Cycling with Cadence Tracking Control for Rehabilitation of Hemiparesis. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2018</b> , 138, 1391-1398	0.1	
16	Development and Verifications of Data Center Air Conditioning Control Systems Integrating Just-in-time Prediction Models. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2019</b> , 55, 625-634	0.1	

- |    |   |     |
|----|---|-----|
| 15 | Passivity-based Pose Synchronization under Disturbances in Three Dimensions. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2019</b> , 55, 808-815   | 0.1 |
| 14 | Real-time Optimization of Cooling Units in Data Center Utilizing Coordination Systems with ICT Equipment. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2019</b> , 55, 118-126                      | 0.1 |
| 13 | Passivity-Based Cooperative Dynamic Control for Human-Rigid Body Networks. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2021</b> , 141, 1165-1174  | 0.1 |
| 12 | Application of Irrational Decisions to Simple Experimentation to Guarantee Welfare Maximization. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2014</b> , 7, 199-204                                     | 0.3 |
| 11 | Passivity-based Visual Force Feedback Control for Fixed Camera Systems. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2009</b> , 22, 273-279   | 0.1 |
| 10 | Periodic Optimal Search Control for a Target Appearing Randomly. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2009</b> , 45, 168-176   | 0.1 |
| 9  | Potential Game Theoretic Attitude Coordination-Attitude Synchronization and Balanced Circular Formation. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2011</b> , 24, 165-172            | 0.1 |
| 8  | Passivity-Based Cooperative Estimation for Visual Sensor Networks: Averaging of Multiple Target Objects Poses. <i>SICE Journal of Control Measurement and System Integration</i> , <b>2011</b> , 4, 181-190                       | 0.3 |
| 7  | Visual Feedback Leader-following Pose Synchronization with a Panoramic Camera Model. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2012</b> , 25, 135-144                                | 0.1 |
| 6  | Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2012</b> , 132, 721-729   | 0.1 |
| 5  | Obstacle Avoidance of Visual Feedback Control via Navigation Function. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2013</b> , 133, 1367-1375  | 0.1 |
| 4  | 3-D Pose Synchronization. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2014</b> , 50, 374-382  | 0.1 |
| 3  | JST CREST Research Area aiming at Cooperative Distributed Energy Management Systems. <i>IEEJ Transactions on Power and Energy</i> , <b>2014</b> , 134, 896-899  | 0.2 |
| 2  | Heat Release Behavior during Hydration Reaction of Lanthanum Sulfate/Thermally Expanded Graphite Composite for Use as Chemical Heat Storage Material. <i>Journal of Chemical Engineering of Japan</i> , <b>2021</b> , 54, 201-206 | 0.8 |
| 1  | Passivity-based Distributed 3-D Visual Human Localization Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>2018</b> , 54, 547-556   | 0.1 |