

Masayuki Fujita

List of Publications by Year in Descending Order

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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	Persistent Object Search and Surveillance Control With Safety Certificates for Drone Networks Based on Control Barrier Functions. <i>Frontiers in Robotics and AI</i> , 2021 , 8, 740460	2.8	3
175	Passivity-Based Cooperative Dynamic Control for Human-Rigid Body Networks. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2021 , 141, 1165-1174	0.1	
174	Persistent Visual Coverage Control Ensuring Field of ViewsPOverlap with Information Reliability and Energy Management. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2021 , 141, 417-425	0.1	1
173	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> , 2021 , 54, 201-206	0.8	
172	Gaussian process-based visual pursuit control with unknown target motion learning in three dimensions. <i>SICE Journal of Control Measurement and System Integration</i> , 2021 , 14, 116-127	0.3	1
171	Continuous-Time Optimization Dynamics Mirroring ADMM Architecture and Passivity-Based Robustification Against Delays. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1296-1307	4	3
170	. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 1891-1898	4.2	23
169	Cooperative Pursuit Control Based on Networked Visual Motion Observer in Three Dimensions. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2020 , 56, 386-393	0.1	1
168	Visual Surveillance of Human Activities via Gradient-Based Coverage Control on Matrix Manifolds. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 2220-2234	4.8	2
167	Passivity-based generalization of primaldual dynamics for non-strictly convex cost functions. <i>Automatica</i> , 2020 , 112, 108712	5.7	13
166	Control Barrier Function-Based Persistent Coverage with Performance Guarantee and Application to Object Search Scenario 2020 ,		2
165	On Passivity-Shortage of Human Operators for A Class of Semi-autonomous Robotic Swarms. <i>IFAC-PapersOnLine</i> , 2019 , 51, 21-27	0.7	1
164	Visual Coverage Control for Teams of Quadcopters via Control Barrier Functions 2019 ,		8
163	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> , 2019 , 55, 625-634	0.1	
162	Passivity-based Pose Synchronization under Disturbances in Three Dimensions. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2019 , 55, 808-815	0.1	
161	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> , 2019 , 55, 118-126	0.1	
160	Design of Continuous-time ADMM and Convergence Analysis Based on Passivity. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2019 , 55, 286-293	0.1	1

159	Bilateral Tele-Rehabilitation System using Electrical Stimulation applying Modulated Time-Domain Passivity Control. <i>IFAC-PapersOnLine</i> , 2019 , 52, 79-84	0.7	4
158	Pose Control for Rigid Body Motion with an Input-to-state Safe Control Barrier Function. <i>IFAC-PapersOnLine</i> , 2019 , 52, 394-399	0.7	1
157	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> , 2019 , 12, 237-245	0.3	1
156	Two variations of passivity-short-based semi-autonomous robotic swarms 2018 ,		1
155	Motion synchronization for semi-autonomous robotic swarm with a passivity-short human operator. <i>International Journal of Intelligent Robotics and Applications</i> , 2018 , 2, 235-251	1.7	6
154	FES-assisted Cycling with Cadence Tracking Control for Rehabilitation of Hemiparesis. <i>IEEE Transactions on Electronics, Information and Systems</i> , 2018 , 138, 1391-1398	0.1	
153	Passivity-based Distributed 3-D Visual Human Localization Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2018 , 54, 547-556	0.1	
152	Modeling and Identification of Data Center HVAC System with Super-Multipoint Temperature Sensing System. <i>SICE Journal of Control Measurement and System Integration</i> , 2018 , 11, 221-229	0.3	4
151	Tele-Rehabilitation system for human lower limb using electrical stimulation based on bilateral teleoperation 2017 ,		10
150	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 CentraleSupélec. <i>IFAC-PapersOnLine</i> , 2017 ,	0.7	0
149	Passivity-based control of human-robotic networks with inter-robot communication delays and experimental verification 2017 ,		7
148	Model predictive control with a mixed integer programming for merging path generation on motor way 2017 ,		12
147	FES-assisted cycling with velocity tracking control for hemiparesis rehabilitation 2017 ,		5
146	A Passivity-Based System Design of Semi-Autonomous Cooperative Robotic Swarm. <i>Mechanical Engineering</i> , 2017 , 139, S14-S18	0.9	1
145	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> , 2017 , 53, 663-670	0.1	4
144	A Payoff-Based Learning Approach to Cooperative Environmental Monitoring for PTZ Visual Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 709-724	5.9	11
143	Distributed Visual 3-D Localization of A Human Using Pedestrian Detection Algorithm: A Passivity-Based Approach. <i>IFAC-PapersOnLine</i> , 2016 , 49, 210-215	0.7	2
142	A passivity-based approach for constrained mobile robotic networks 2016 ,		2

141	Passivity-Based Control and Estimation in Networked Robotics. <i>Communications and Control Engineering</i> , 2015 ,	0.6	85
140	Experimental study of gradient-based visual coverage control on SO(3) toward moving object/human monitoring 2015 ,		2
139	Relative Pose Information-based 3-D Flocking Control. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2015 , 51, 189-196	0.1	
138	Stochastic performance analysis of visual motion observer and experimental verifications 2015 ,		1
137	Passivity-based bilateral human-swarm-interactions for cooperative robotic networks and human passivity analysis 2015 ,		21
136	Experimental study on persistent coverage control with information decay 2015 ,		6
135	Foundation: Passivity, Stability and Passivity-Based Motion Control. <i>Communications and Control Engineering</i> , 2015 , 31-49	0.6	2
134	Cooperative Visual Environmental Monitoring: A Gradient Descent Approach on SO(3). <i>Transactions of the Society of Instrument and Control Engineers</i> , 2015 , 51, 139-147	0.1	0
133	3-D visual coverage based on gradient descent algorithm on matrix manifolds and its application to moving objects monitoring 2014 ,		4
132	Frame Rate-based Discrete Visual Feedback Pose Regulation: A Passivity Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 11171-11176		
131	Modeling of HVAC system in data center with super-multipoint temperature sensing technology 2014 ,		1
130	Model predictive control for demand response aggregation management system with response delay time and uncertainty model 2014 ,		3
129	Passivity-based iterative learning control for 2DOF robot manipulators with antagonistic bi-articular muscles 2014 ,		1
128	Stochastic Estimation Performance Analysis of Visual Motion Observer. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2014 , 27, 443-451	0.1	2
127	Application of Irrational Decisions to Simple Experimentation to Guarantee Welfare Maximization. <i>SICE Journal of Control Measurement and System Integration</i> , 2014 , 7, 199-204	0.3	
126	3-D Pose Synchronization. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2014 , 50, 374-382		
125	JST CREST Research Area aiming at Cooperative Distributed Energy Management Systems. <i>IEEJ Transactions on Power and Energy</i> , 2014 , 134, 896-899	0.2	
124	Cooperative Estimation of Averaged 3-D Moving Target Poses via Networked Visual Motion Observer. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 623-638	5.9	12

123	Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. <i>Electronics and Communications in Japan</i> , 2013 , 96, 12-21	0.4	
122	Game theoretic cooperative control of PTZ visual sensor networks for environmental change monitoring 2013 ,		5
121	Passivity-based discrete visual motion observer taking account of camera frame rates 2013 ,		1
120	Game Theoretic Receding Horizon Cooperative Network Formation for Distributed Microgrids: Variability Reduction of Photovoltaics. <i>SICE Journal of Control Measurement and System Integration</i> , 2013 , 6, 281-289	0.3	4
119	Passivity-Based Visual Feedback Pose Regulation Integrating a Target Motion Model in Three Dimensions. <i>SICE Journal of Control Measurement and System Integration</i> , 2013 , 6, 322-330	0.3	3
118	Obstacle Avoidance of Visual Feedback Control via Navigation Function. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2013 , 133, 1367-1375	0.1	
117	Maximization of Smoothing Effects for Photovoltaic Generation via Game Theoretic Learning Algorithm. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2013 , 49, 229-236	0.1	1
116	Passivity-based visual pose regulation for a moving target object in three dimensions: Structure design and convergence analysis 2012 ,		2
115	Payoff-based Inhomogeneous Partially Irrational Play for potential game theoretic cooperative control: Convergence analysis 2012 ,		10
114	Passivity-Based Pose Synchronization in Three Dimensions. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 360-375	5.9	64
113	Collision Avoidability Analysis of Vehicle Platoon under V2V2I Communication. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2012 , 25, 181-188	0.1	1
112	Visual motion observer-based pose control via obstacle avoidance navigation function for eye-in-hand systems 2012 ,		1
111	Passivity-based pose synchronization using only relative pose information under general digraphs 2012 ,		8
110	Open-loop control for 2DOF robot manipulators with antagonistic bi-articular muscles 2012 ,		3
109	Vision-Based Cooperative Estimation of 3D Target Pose under Imperfect Visibility. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 299-304		1
108	Visual Feedback Leader-following Pose Synchronization with a Panoramic Camera Model. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2012 , 25, 135-144	0.1	
107	Seeking Optimal Equilibria for Coverage Games. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2012 , 25, 247-255	0.1	2
106	Stabilizing Predictive Visual Feedback Control via Image Space Navigation Function. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2012 , 132, 721-729	0.1	

105	Passivity-Based Visual Motion Observer Integrating Three Dimensional Target Motion Models. <i>SICE Journal of Control Measurement and System Integration</i> , 2012 , 5, 276-282	0.3	6
104	Visual Feedback Leader-following Attitude Synchronization. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2011 , 24, 155-164	0.1	
103	Passivity-based Visual Motion Observer with Panoramic Camera for Pose Control. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2011 , 64, 561-583	2.9	12
102	Stabilizing predictive visual feedback control for fixed camera systems. <i>Electronics and Communications in Japan</i> , 2011 , 94, 1-11	0.4	4
101	Passivity-based control for 2DOF robot manipulators with antagonistic bi-articular muscles 2011 ,		6
100	Cooperative estimation of 3D target object motion via networked visual motion observers 2011 ,		3
99	Visual feedback leader-following pose synchronization: Convergence analysis 2011 ,		3
98	Visual feedback pose synchronization with a generalized camera model 2011 ,		5
97	Passivity-based cooperative estimation of 3D target motion for visual sensor networks: Analysis on averaging performance 2011 ,		1
96	Decision dynamics in cooperative search based on evolutionary game theory. <i>Communications in Information and Systems</i> , 2011 , 11, 57-70	0.8	1
95	Potential Game Theoretic Attitude Coordination-Attitude Synchronization and Balanced Circular Formation. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2011 , 24, 165-172	0.1	
94	Passivity-Based Cooperative Estimation for Visual Sensor Networks: Averaging of Multiple Target Objects Poses. <i>SICE Journal of Control Measurement and System Integration</i> , 2011 , 4, 181-190	0.3	
93	On Predictive Control for Systems with Information Structured Constraints. <i>SICE Journal of Control Measurement and System Integration</i> , 2011 , 4, 452-459	0.3	3
92	Visual feedback attitude synchronization in leader-follower type visibility structures 2010 ,		11
91	Visual motion observer-based stabilizing receding horizon control via image space navigation function 2010 ,		3
90	Dynamic topology optimization for dependable sensor networks 2010 ,		1
89	Passivity-based visual motion observer: From theory to distributed algorithms 2010 ,		2
88	Visual motion observer-based pose control with panoramic camera via passivity approach 2010 ,		2

87	Vision-based cooperative estimation via multi-agent optimization 2010 ,		14
86	Bilateral teleoperation of wheeled mobile robot with time delay using virtual image robot 2010 ,		3
85	Potential game theoretic attitude coordination on the circle: Synchronization and balanced circular formation 2010 ,		7
84	Robust Disturbance-Force Compensator for Time Waveform Replication of an Electrodynamics Shaker. <i>Journal of System Design and Dynamics</i> , 2010 , 4, 1-12		1
83	Visual motion observer-based pose synchronization: A passivity approach 2009 ,		9
82	Coverage control for camera sensor networks: Its implementation and experimental verification 2009 ,		6
81	Distributed decision making for task switching via a consensus-like algorithm 2009 ,		5
80	Passivity-based control on dynamic visual feedback systems with movable camera configuration. <i>Electronics and Communications in Japan</i> , 2009 , 92, 1-11	0.4	4
79	Voronoi-based coverage control with anisotropic sensors and experimental case study. <i>Intelligent Service Robotics</i> , 2009 , 2, 195-204	2.6	12
78	Robust control of electrodynamic shaker with 2dof control using H _∞ filter. <i>Journal of Sound and Vibration</i> , 2009 , 326, 75-87	3.9	16
77	Passivity-Based Attitude Synchronization in $\mathbb{S}E(3)$. <i>IEEE Transactions on Control Systems Technology</i> , 2009 , 17, 1119-1134	4.8	111
76	Event-predictive control for energy saving of wireless networked control system 2009 ,		14
75	Equilibrium Configurations for a Territorial Model. <i>SIAM Journal on Applied Dynamical Systems</i> , 2009 , 8, 1234-1260	2.8	3
74	Explicit Receding Horizon Control of Automobiles with Continuously Variable Transmissions. <i>Lecture Notes in Control and Information Sciences</i> , 2009 , 561-569	0.5	4
73	Stabilizing Predictive Visual Feedback Control for Fixed Camera Systems. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2009 , 129, 630-638	0.1	3
72	Passivity-based Visual Force Feedback Control for Fixed Camera Systems. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2009 , 22, 273-279	0.1	
71	A Design Scheme of Bilateral Teleoperation of Constrained System with Time Delay. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2009 , 129, 1655-1661	0.1	1
70	Periodic Optimal Search Control for a Target Appearing Randomly. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2009 , 45, 168-176	0.1	

69	Passivity-based output synchronization in SE(3) 2008 ,		7
68	Passivity-based output synchronization and flocking algorithm in SE(3) 2008 ,		9
67	Coverage control for mobile networks with limited-range anisotropic sensors 2008 ,		36
66	Voronoi based coverage control with anisotropic sensors 2008 ,		39
65	Passivity-based Dynamic Visual Force Feedback Control for Fixed Camera Systems 2008 ,		1
64	Formation control via receding horizon control: A set theoretic approach 2008 ,		1
63	Experimental implementation of bilateral teleoperation with time delay using command governor 2008 ,		6
62	Robust Multivariable Control of Multi-Axis Electrodynamic Shaking System Using μ -synthesis. <i>Journal of System Design and Dynamics</i> , 2008 , 2, 1093-1105		3
61	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> , 2008 , 41, 5341-5346		7
60	Experiments on stabilizing receding horizon control of a direct drive manipulator. <i>Electronics and Communications in Japan</i> , 2008 , 91, 33-40	0.4	2
59	Passivity-based Control of Dynamic Visual Feedback Systems with Movable Camera Configuration. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2008 , 128, 286-294	0.1	1
58	A study of bilateral teleoperation with time delay using command governor 2007 ,		1
57	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> , 2007 , 15, 40-52 ^{4.8}		80
56	Wireless Sensor Network based Control System - Trade off between sensor power saving and control performance - 2007 ,		3
55	Passivity-based 3D attitude coordination: Convergence and connectivity 2007 ,		9
54	Experiments on Stabilizing Receding Horizon Control of a Direct Drive Manipulator. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2007 , 127, 748-754	0.1	2
53	An Experimental Study of Stabilizing Receding Horizon Control of Visual Feedback System with Planar Manipulators 2007 , 573-580		3
52	Congestion control for TCP/AQM networks using state predictive control. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 2006 , 156, 41-47	0.4	6

51	Formation Control for Mobile Robots in partially known Environments using Mixed Integer Programming and Fuzzy Systems 2006 ,		1
50	Image-based dynamic visual feedback control via passivity approach 2006 ,		3
49	Predictive Visual Feedback Control with Eye-in-Hand System via Stabilizing Receding Horizon Approach 2006 ,		5
48	Robust acceleration and displacement control of electrodynamic shaker 2006 ,		1
47	Image-based Dynamic Visual Feedback Control via Passivity Approach 2006 ,		5
46	EXPERIMENTS ON STABILIZING RECEDING HORIZON CONTROL OF A DIRECT DRIVE MANIPULATOR. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 85-90		2
45	Congestion Control for TCP/AQM Networks using State Predictive Control. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2005 , 125, 1491-1496	0.1	6
44	Passivity-based 3D Dynamic Visual Feedback Control with a Fixed Camera. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2005 , 18, 127-135	0.1	4
43	A scheduled controller design of congestion control considering network resource constraints. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 2004 , 149, 61-68	0.4	2
42	Another look at finite horizon H ∞ control problems for systems with input delays. <i>Automatica</i> , 2004 , 40, 977-984	5.7	1
41	H ∞ 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> , 2004 , 37, 603-608		
40	Experimental Verification of H ∞ ; Congestion Controllers for TCP/AQM Networks. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2004 , 124, 2093-2100	0.1	3
39	Observer-based Dynamic Visual Feedback Control of Robotic Systems. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2004 , 17, 39-47	0.1	1
38	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> , 2004 , 40, 390-397	0.1	
37	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> , 2004 , 40, 656-663	0.1	
36	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> , 2003 , 46, 828-834		2
35	H ∞ . Control System Design of the Magnetic Suspension System Considering Initial State Uncertainties. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2003 , 123, 1094-1100	0.1	2
34	Approximate robust receding horizon control for piecewise linear systems via orthogonal partitioning 2003 ,		2

33	Scheduled Controller Design of Congestion Control Considering Network Resource Constraints. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2003 , 123, 1053-1059	0.1	1
32	Estimation of Soil Degradation Rate Constants from Vertical Distribution of Soil Carbon Content. <i>Journal of Chemical Engineering of Japan</i> , 2003 , 36, 428-434	0.8	
31	Robust Receding Horizon Control for Hybrid Systems based on Constrained Positively Invariant Sets. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2003 , 39, 375-381	0.1	
30	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> , 2002 , 6.1, 253-258	0	1
29	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> , 2000 , 132, 49-57	0.4	4
28	Inverse optimal H_2 disturbance attenuation of robotic manipulators 1999 ,		3
27	Adaptive H_2 control for robust visual feedback systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999 , 32, 2298-2303		
26	Analysis of Anti-Windup Controllers Based on Analysis of Output Reachable Sets. <i>Transactions of the Society of Instrument and Control Engineers</i> , 1999 , 35, 861-868	0.1	4
25	Design of an filter-based robust visual servoing system. <i>Control Engineering Practice</i> , 1998 , 6, 219-225	3.9	10
24	Analysis of State Reachable Sets for Quadratic Systems. <i>Transactions of the Society of Instrument and Control Engineers</i> , 1998 , 34, 1590-1595	0.1	6
23	Robust control for planar manipulators with image feature parameter potential. <i>Advanced Robotics</i> , 1997 , 12, 67-80	1.7	9
22	H_2 control attenuating initial-state uncertainties. <i>International Journal of Control</i> , 1997 , 66, 245-252	1.5	11
21	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> , 1997 , 40, 553-560		15
20	Application of gain scheduled H_2 /spl infin// robust controllers to a magnetic bearing. <i>IEEE Transactions on Control Systems Technology</i> , 1996 , 4, 484-493	4.8	68
19	. <i>IEEE Transactions on Automatic Control</i> , 1995 , 40, 530-536	5.9	53
18	Loop-shaping based H_2 robust control of a horizontal shaft magnetic bearing. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 1994 , 114, 113-121	0.4	
17	Experiments on the loop shaping based H_2 control of a magnetic bearing 1993 ,		6
16	. <i>IEEE Transactions on Automatic Control</i> , 1992 , 37, 1762-1767	5.9	12

15	Robust control of a two-axis, magnetic suspension, flexible-beam system based on H _∞ optimization theory. <i>International Journal of Robust and Nonlinear Control</i> , 1992 , 2, 165-182	3.6	9
14	Robust stabilization of a magnetic suspension system using H _∞ Control Theory. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 1991 , 111, 117-124	0.4	
13	. <i>IEEE Transactions on Automatic Control</i> , 1991 , 36, 875-880	5.9	7
12	Controllers attenuating disturbances and initial-uncertainties for time-varying systems 1991 , 187-196		2
11	Gain perturbation tolerance in H _∞ feedback control. <i>International Journal of Control</i> , 1990 , 51, 315-328	1.5	5
10	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> , 1990 , 26, 842-844	0.1	1
9	On the central controller: Characterizations via differential games and LEQG control problems. <i>Systems and Control Letters</i> , 1989 , 13, 9-13	2.4	31
8	Integrity conditions for a class of robust servo systems. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 1989 , 109, 65-74	0.4	0
7	Integrity against arbitrary feedback-loop failure in linear multivariable control systems. <i>Automatica</i> , 1988 , 24, 765-772	5.7	58
6	Theory and experiment of magnetic bearing combining radial control and thrust control. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 2581-2583	2	4
5	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> , 1985 , 42, 887-899	1.5	37
4	Optimal control of discrete-time linear systems with network-induced varying delay		4
3	Experimental verification of stabilizing congestion controllers using the network testbed		2
2	Passivity-based dynamic visual feedback control with uncertainty of camera coordinate frame		5
1	A Passivity Approach to Vision-based Dynamic Control of Robots with Nonlinear Observer		0