

# Guoqiang Hu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6519917/guoqiang-hu-publications-by-year.pdf>

**Version:** 2024-04-09

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.

186 papers	5,499 citations	40 h-index	69 g-index
227 ext. papers	7,257 ext. citations	5.3 avg, IF	6.87 L-index

#	Paper	IF	Citations
186	Social Profit Optimization With Demand Response Management in Electricity Market: A Multi-Timescale Leader-Following Approach. <i>IEEE Transactions on Control Systems Technology</i> , <b>2022</b> , 1-13	4.8	0
185	Nash equilibrium seeking in N-coalition games via a gradient-free method. <i>Automatica</i> , <b>2021</b> , 136, 110013-7	3.7	0
184	Delay-Dependent Distributed Kalman Fusion Estimation With Dimensionality Reduction in Cyber-Physical Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
183	Adaptive approaches for fully distributed Nash equilibrium seeking in networked games. <i>Automatica</i> , <b>2021</b> , 129, 109661	5.7	4
182	Distributed Optimization for Two Types of Heterogeneous Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 1314-1324	10.3	8
181	Distributed Nash Equilibrium Seeking With Limited Cost Function Knowledge via a Consensus-Based Gradient-Free Method. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1832-1839	5.9	6
180	Distributed Estimation and Control for Discrete Time-Varying Interconnected Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	7
179	Distributed Control of Multizone HVAC Systems Considering Indoor Air Quality. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 1-12	4.8	5
178	Distributed Generalized Nash Equilibrium Seeking for Monotone Generalized Noncooperative Games by a Regularized Penalized Dynamical System. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5532-5545	10.2	1
177	Stochastic Optimal Control of HVAC System for Energy-Efficient Buildings. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 1-8	4.8	2
176	Differentially Private Distributed Nash Equilibrium Seeking for Aggregative Games. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	6
175	Finite-Time Task-Space Coordinated Tracking of Networked Robotic Manipulators With Uncertain Dynamics and Disturbances. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 1513-1527	4	2
174	Optimal Sharing and Fair Cost Allocation of Community Energy Storage. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 12, 4185-4194	10.7	8
173	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4895-4902	5.9	3
172	Time-Varying Optimization-Based Approach for Distributed Formation of Uncertain Euler-Lagrange Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
171	Asymmetric Input-Output Constraint Control of a Flexible Variable-Length Rotary Crane Arm. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	12
170	Distributed Generalized Nash Equilibrium Seeking of N-Coalition Games with Inequality Constraints <b>2021</b> ,		1

169	An extremum seeking-based approach for Nash equilibrium seeking in N-cluster noncooperative games. <i>Automatica</i> , <b>2020</b> , 114, 108815	5.7	24
168	An overview of collaborative robotic manipulation in multi-robot systems. <i>Annual Reviews in Control</i> , <b>2020</b> , 49, 113-127	10.3	19
167	A Gradient-Free Distributed Nash Equilibrium Seeking Method with Uncoordinated Step-Sizes <b>2020</b> ,		1
166	Finite-Time Distributed Convex Optimization for Continuous-Time Multiagent Systems With Disturbance Rejection. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 686-698	4	16
165	Handling Incomplete Sensor Measurements in Fault Detection and Diagnosis for Building HVAC Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 17, 833-846	4.9	13
164	. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 17, 1950-1960	4.9	10
163	Efficient Sensor Deployments for Spatio-Temporal Environmental Monitoring. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 5306-5316	7.3	9
162	Distributed Secure Cooperative Control Under Denial-of-Service Attacks From Multiple Adversaries. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3458-3467	10.2	80
161	. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 741-752	4.8	87
160	Energy Management Considering Unknown Dynamics Based on Extremum Seeking Control and Particle Swarm Optimization. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 1560-1568	4.8	3
159	Randomized Gradient-Free Distributed Optimization Methods for a Multiagent System With Unknown Cost Function. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 333-340	5.9	13
158	Distributed Consensus-Based Multitarget Filtering and Its Application in Formation-Containment Control. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 503-515	4	5
157	Dynamic Consensus Tracking of Uncertain Lagrangian Systems With a Switched Command Generator. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4260-4267	5.9	3
156	A Unified Strategy for Solution Seeking in Graphical $\$N\$-Coalition Noncooperative Games. IEEE Transactions on Automatic Control, 2019, 64, 4645-4652$	5.9	28
155	A New Approach to Linear/Nonlinear Distributed Fusion Estimation Problem. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1301-1308	5.9	33
154	Connectivity-preserving flocking for networked Lagrange systems with time-varying actuator faults. <i>Automatica</i> , <b>2019</b> , 109, 108509	5.7	11
153	On time-varying formation feasibility and reference function of time-delayed linear multiagent systems with switching digraphs. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 4928-4942	3.6	5
152	Distributed Estimation for Discrete-Time Interconnected Systems <b>2019</b> ,		3

151	Randomized Gradient-Free Distributed Online Optimization with Time-Varying Cost Functions* <b>2019</b> ,	3
150	Distributed Time-Varying Formation and Optimization with Inequality Constraints of a Multi-Robot System <b>2019</b> ,	1
149	Distributed Kalman filtering for time-varying discrete sequential systems. <i>Automatica</i> , <b>2019</b> , 99, 228-236	40
148	. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2019</b> , 16, 1412-1425	4.9 14
147	Distributed Time-Varying Output Formation Tracking for Heterogeneous Linear Multiagent Systems With a Nonautonomous Leader of Unknown Input. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4292-4299	5.9 45
146	Time-Varying Formation Tracking for UAV Swarm Systems With Switching Directed Topologies. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 3674-3685	10.3 49
145	. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 898-905	4.8 30
144	Distributed Robust Hierarchical Power Sharing Control of Grid-Connected Spatially Concentrated AC Microgrid. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 1012-1022	4.8 16
143	Economic MPC of nonlinear systems with nonmonotonic Lyapunov functions and its application to HVAC control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2513-2527	3.6 8
142	Energy Management Considering Load Operations and Forecast Errors With Application to HVAC Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 605-614	10.7 22
141	Distributed Coordination of Multiple Unknown Euler-Lagrange Systems. <i>IEEE Transactions on Control of Network Systems</i> , <b>2018</b> , 5, 55-66	4 42
140	Distributed Nonlinear Hierarchical Control of AC Microgrid via Unreliable Communication. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 2429-2441	10.7 38
139	Secure Fusion Estimation for Bandwidth Constrained Cyber-Physical Systems Under Replay Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1862-1876	10.2 121
138	Nash equilibrium seeking for N-coalition noncooperative games. <i>Automatica</i> , <b>2018</b> , 95, 266-272	5.7 42
137	Distributed Nash Equilibrium Seeking in Multiagent Games Under Switching Communication Topologies. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 3208-3217	10.2 35
136	Robust finite-time connectivity preserving coordination of second-order multi-agent systems. <i>Automatica</i> , <b>2018</b> , 89, 21-27	5.7 44
135	Distributed dual objective control of energy storage systems <b>2018</b> ,	2
134	A Review on Short-Term Electricity Price Forecasting Techniques for Energy Markets <b>2018</b> ,	5

133	Exact Convergence of Gradient-Free Distributed Optimization Method in a Multi-Agent System <b>2018</b> ,		5
132	Formation Tracking Control for a Team of Networked Underwater Robot Systems with Uncertain Hydrodynamics <b>2018</b> ,		2
131	Distributed Continuous-time Resource Allocation with Time-varying Resources under Quadratic Cost Functions <b>2018</b> ,		6
130	Distributed Time-Varying Formation and Optimization for Uncertain Euler-Lagrange Systems <b>2018</b> ,		4
129	Distributed Nash Equilibrium Seeking for Generalized Convex Games with Shared Constraints. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1016, 012012	0.3	4
128	Day-Ahead Price Forecasting for Electricity Market using Long-Short Term Memory Recurrent Neural Network <b>2018</b> ,		10
127	Nonlinear state estimation under bounded noises. <i>Automatica</i> , <b>2018</b> , 98, 159-168	5.7	23
126	Distributed Model Predictive Control of a HVAC System via a Projected Subgradient Method* <b>2018</b> ,		1
125	Stochastic Model Predictive Control with adaptive constraint tightening for non-conservative chance constraints satisfaction. <i>Automatica</i> , <b>2018</b> , 96, 32-39	5.7	4
124	Time-Varying Output Formation for Linear Multiagent Systems via Dynamic Output Feedback Control. <i>IEEE Transactions on Control of Network Systems</i> , <b>2017</b> , 4, 236-245	4	36
123	Game Design and Analysis for Price-Based Demand Response: An Aggregate Game Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 720-730	10.2	111
122	Distributed Robust Fusion Estimation With Application to State Monitoring Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2994-3005	7.3	53
121	Distributed Reactive Power Sharing Control for Microgrids With Event-Triggered Communication. <i>IEEE Transactions on Control Systems Technology</i> , <b>2017</b> , 25, 118-128	4.8	111
120	Distributed Secure Coordinated Control for Multiagent Systems Under Strategic Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1273-1284	10.2	113
119	Robust Connectivity Preserving Rendezvous of Multirobot Systems Under Unknown Dynamics and Disturbances. <i>IEEE Transactions on Control of Network Systems</i> , <b>2017</b> , 4, 725-735	4	39
118	Distributed Tracking Control of an Interconnected LeaderFollower Multiagent System. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3494-3501	5.9	20
117	Distributed Time-Varying Quadratic Optimization for Multiple Agents Under Undirected Graphs. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3687-3694	5.9	55
116	Time-Varying Formation Tracking for Linear Multiagent Systems With Multiple Leaders. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3658-3664	5.9	226

115	Optimal coordination of air conditioning system and personal fans for building energy efficiency improvement. <i>Energy and Buildings</i> , <b>2017</b> , 141, 308-320	7	25
114	Controllability of Multiagent Networks With Antagonistic Interactions. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 5457-5462	5.9	37
113	Distributed Nash Equilibrium Seeking by a Consensus Based Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4811-4818	5.9	124
112	Optimal Sensor Configuration and Feature Selection for AHU Fault Detection and Diagnosis. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 1369-1380	11.9	22
111	Distributed model predictive control of bilinear HVAC systems using a convexification method <b>2017</b> ,		10
110	Efficient spatio-temporal sensor deployments: A smart building application <b>2017</b> ,		3
109	Simultaneous social cost minimization and nash equilibrium seeking in non-cooperative games <b>2017</b> ,		6
108	Singularly perturbed dynamics for distributed multi-agent optimization <b>2017</b> ,		1
107	PMV-based event-triggered mechanism for building energy management under uncertainties. <i>Energy and Buildings</i> , <b>2017</b> , 152, 73-85	7	48
106	Spatio-temporal environmental monitoring for smart buildings <b>2017</b> ,		7
105	Distributed nash equilibrium seeking in multi-agent games with partially coupled payoff functions <b>2017</b> ,		1
104	Coordinated optimization of multiple buildings with a fair price mechanism for energy exchange. <i>Energy and Buildings</i> , <b>2017</b> , 151, 132-145	7	20
103	Robust finite-time connectivity preserving consensus tracking and formation control for multi-agent systems <b>2017</b> ,		3
102	Distributed secure average consensus for linear multi-agent systems under DoS attacks <b>2017</b> ,		33
101	The adaptive distributed observer approach to the cooperative output regulation of linear multi-agent systems. <i>Automatica</i> , <b>2017</b> , 75, 299-305	5.7	174
100	Adaptive Vision-Based LeaderFollower Formation Control of Mobile Robots. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 2893-2902	8.9	68
99	Robust containment of uncertain linear multi-agent systems under adaptive protocols. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 2053-2069	3.6	20
98	Connectivity-preserving rendezvous for networked lagrange systems with actuator faults <b>2017</b> ,		1

97	Distributed secure leader-following consensus of multi-agent systems under DoS attacks and directed topology <b>2017</b> ,		12
96	Development and verification of a multizone building HVAC model with TRNSYS <b>2017</b> ,		2
95	A distributed optimization method with unknown cost function in a multi-agent system via randomized gradient-free method <b>2017</b> ,		6
94	A distributed method for simultaneous social cost minimization and nash equilibrium seeking in multi-agent games <b>2017</b> ,		5
93	Finite-time distributed optimization with quadratic objective functions under uncertain information <b>2017</b> ,		7
92	Dynamic leader-following consensus of multiple uncertain Euler-Lagrange systems with a switched exosystem <b>2017</b> ,		2
91	A data-driven strategy for detection and diagnosis of building chiller faults using linear discriminant analysis. <i>Energy and Buildings</i> , <b>2016</b> , 128, 519-529	7	86
90	Adaptive pinning synchronization of complex networks with a target system subject to external inputs <b>2016</b> ,		1
89	Consensus-based distributed package-level state-of-charge balancing for grid-connected battery energy storage system <b>2016</b> ,		7
88	Consensus-based distributed nonlinear hierarchical control of AC microgrid under switching communication network <b>2016</b> ,		2
87	Fault detection and diagnosis for building cooling system with a tree-structured learning method. <i>Energy and Buildings</i> , <b>2016</b> , 127, 540-551	7	50
86	Robust consensus tracking for a class of high-order multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 578-598	3.6	31
85	Distributed consensus tracking for multi-agent systems under two types of attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 896-918	3.6	127
84	Robust consensus tracking of double-integrator dynamics by bounded distributed control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 1489-1511	3.6	21
83	Distributed Covariance Intersection Fusion Estimation for Cyber-Physical Systems With Communication Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 4020-4026	5.9	56
82	Distributed Extremum Seeking for Constrained Networked Optimization and Its Application to Energy Consumption Control in Smart Grid. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 2048-2058	4.8	64
81	A robust extremum seeking scheme for dynamic systems with uncertainties and disturbances. <i>Automatica</i> , <b>2016</b> , 66, 172-178	5.7	16
80	Distributed Mixed $H_2/H_\infty$ Fusion Estimation With Limited Communication Capacity. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 805-810	5.9	43



79	Model-Free Unified Tracking and Regulation Visual Servoing of Wheeled Mobile Robots. <i>IEEE Transactions on Control Systems Technology</i> , <b>2016</b> , 24, 1328-1339	4.8	36
78	. <i>IEEE Transactions on Power Systems</i> , <b>2016</b> , 31, 4057-4067	7	56
77	Solving Potential Games With Dynamical Constraint. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1156-64	10.2	14
76	Adaptive Task-Space Cooperative Tracking Control of Networked Robotic Manipulators Without Task-Space Velocity Measurements. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2386-2398	10.2	44
75	Networked Dynamical Systems 2016. <i>Discrete Dynamics in Nature and Society</i> , <b>2016</b> , 2016, 1-2	1.1	
74	Time-varying output formation control for linear multi-agent systems with switching topologies. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3558-3579	3.6	21
73	Distributed power sharing control of grid-connected AC microgrid <b>2016</b> ,		3
72	Distributed control for economic dispatch via saddle point dynamics and consensus algorithms <b>2016</b> ,		14
71	Time-varying formation control for general linear multi-agent systems with switching directed topologies. <i>Automatica</i> , <b>2016</b> , 73, 47-55	5.7	276
70	Distributed Control Scheme for Package-Level State-of-Charge Balancing of Grid-Connected Battery Energy Storage System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1919-1929	11.9	40
69	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1520-1531	11.9	63
68	Distributed Fusion Estimation With Communication Bandwidth Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 1398-1403	5.9	48
67	Distributed fault-tolerant control for a large-scale power generator network <b>2015</b> ,		2
66	Pinning Synchronization of Directed Networks With Switching Topologies: A Multiple Lyapunov Functions Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 3239-50	10.3	198
65	Robust tracking control of an Euler-Lagrange system subject to uncertain friction and impact <b>2015</b> ,		1
64	Distributed Seeking of Time-Varying Nash Equilibrium for Non-Cooperative Games. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 3000-3005	5.9	23
63	Distributed optimization for systems with time-varying quadratic objective functions <b>2015</b> ,		13
62	Robust connectivity preserving rendezvous of multi-robot systems under unknown dynamics and disturbances <b>2015</b> ,		10



61	A distributed extremum seeking scheme for networked optimization <b>2015</b> ,		7
60	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2015</b> , 51, 2232-2249	3.7	50
59	Connectivity-preserving rendezvous of multi-agent systems with event-triggered controllers <b>2015</b> ,		2
58	Cooperative output regulation of linear multi-agent systems by the adaptive distributed observer <b>2015</b> ,		7
57	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 1-1	11.9	11
56	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1505-1508	11.9	5
55	Information Fusion Estimation for spatially distributed cyber-physical systems with communication delay and bandwidth constraints <b>2015</b> ,		5
54	Cooperative Relay-Aware Spectrum leasing based on Nash bargaining solution in cognitive radio networks. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 1250-1264	1.7	7
53	Cooperative localization of a cascading quadrilateral network <b>2014</b> ,		1
52	Fast finite-time consensus tracking for first-order multi-agent systems with unmodelled dynamics and disturbances <b>2014</b> ,		7
51	Distributed fault identification and fault-tolerant control for multi-agent systems <b>2014</b> ,		4
50	Distributed Energy Consumption Control via Real-Time Pricing Feedback in Smart Grid. <i>IEEE Transactions on Control Systems Technology</i> , <b>2014</b> , 22, 1907-1914	4.8	113
49	Distributed $\mathcal{H}_{\infty}$ Consensus of Higher Order Multiagent Systems With Switching Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2014</b> , 61, 359-363	3.5	89
48	Distributed Tracking Control for Multi-Agent Systems Under Two Types of Attacks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 5790-5795		14
47	Stereo Vision based Localization of a Robot using Partial Depth Estimation and Particle Filter. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 7272-7277		
46	Modeling and Control of Complex Networked Systems. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-2	1.1	
45	Passivity-based consensus for linear multi-agent systems under switching topologies. <i>Control Theory and Technology</i> , <b>2014</b> , 12, 304-316	1	3
44	Multi-robot formation control using distributed null space behavioral approach <b>2014</b> ,		7

43	Networked Dynamical Systems: Analysis and Synthesis. <i>Discrete Dynamics in Nature and Society</i> , <b>2014</b> , 2014, 1-2	1.1	1
42	Cooperative demand response using repeated game for price-anticipating buildings in smart grid <b>2014</b> ,		2
41	Model-free unified tracking and regulation visual servoing of nonholonomic mobile robots <b>2014</b> ,		1
40	Solving potential games with unstable dynamics <b>2014</b> ,		2
39	Robust consensus tracking for a class of high-order multi-agent systems <b>2014</b> ,		1
38	Robust distributed consensus tracking for stochastic linear multi-agent systems under directed switching topologies <b>2014</b> ,		1
37	Node-to-node consensus tracking of multi-agent systems with sampled-data communication <b>2014</b> ,		4
36	Consensus tracking for higher-order multi-agent systems with switching directed topologies and occasionally missing control inputs. <i>Systems and Control Letters</i> , <b>2013</b> , 62, 1151-1158	2.4	189
35	Energy consumption scheduling in smart grid: A non-cooperative game approach <b>2013</b> ,		5
34	Consensus control of switching directed networks with general linear node dynamics <b>2013</b> ,		3
33	Distributed seeking of time-varying Nash equilibrium for non-cooperative games <b>2013</b> ,		6
32	Robust tracking control of an array of nanoparticles moving on a substrate. <i>Automatica</i> , <b>2012</b> , 48, 442-448	3.7	4
31	Adaptive visual servo control to simultaneously stabilize image and pose error. <i>Mechatronics</i> , <b>2012</b> , 22, 410-422	3	18
30	Robust consensus tracking of a class of second-order multi-agent dynamic systems. <i>Systems and Control Letters</i> , <b>2012</b> , 61, 134-142	2.4	230
29	Passivity-based consensus and passification for a class of stochastic multi-agent systems with switching topology <b>2012</b> ,		6
28	Cloud robotics: architecture, challenges and applications. <i>IEEE Network</i> , <b>2012</b> , 26, 21-28	11.4	295
27	Distributed containment control of linear multi-agent systems using output information <b>2012</b> ,		1
26	Robust consensus tracking for an integrator-type multi-agent system with disturbances and unmodelled dynamics. <i>International Journal of Control</i> , <b>2011</b> , 84, 1-8	1.5	70

25	Keeping Multiple Moving Targets in the Field of View of a Mobile Camera. <i>IEEE Transactions on Robotics</i> , <b>2011</b> , 27, 822-828	6.5	34
24	Simultaneous stabilization and synchronization for multiple systems of non-identical agents <b>2011</b> ,		1
23	Region II wind power capture maximization using robust control and estimation with alternating gradient search <b>2011</b> ,		5
22	Experimental verification and algorithm of a multi-robot cooperative control method <b>2010</b> ,		9
21	Redesign of an undergraduate controls laboratory with an eye toward accommodating future upgrades <b>2010</b> ,		2
20	Adaptive Homography-Based Visual Servo Tracking Control via a Quaternion Formulation. <i>IEEE Transactions on Control Systems Technology</i> , <b>2010</b> , 18, 128-135	4.8	37
19	Robust consensus tracking of a class of second-order multi-agent dynamic systems <b>2010</b> ,		3
18	Wind Turbine Power Capture Control With Robust Estimation <b>2010</b> ,		12
17	Quaternion-based visual servo control in the presence of camera calibration error. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 489-503	3.6	22
16	Inverse optimal homography-based visual servo control via an uncalibrated camera <b>2009</b> ,		2
15	Homography-Based Visual Servo Control With Imperfect Camera Calibration. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 1318-1324	5.9	61
14	Keeping multiple objects in the field of view of a single PTZ camera <b>2009</b> ,		8
13	Multi-Reference Visual Servo Control of an Unmanned Ground Vehicle <b>2008</b> ,		2
12	Adaptive Lyapunov-based control of a robot and mass-spring system undergoing an impact collision. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 1050-61		30
11	Keeping Objects in the Field of View: An Underdetermined Task Function Approach to Visual Servoing <b>2008</b> ,		7
10	Simultaneous Stability of Image and Pose Error in Visual Servo Control <b>2008</b> ,		1
9	Homography-based visual servo control via an uncalibrated camera <b>2008</b> ,		3
8	. <i>IEEE Transactions on Automatic Control</i> , <b>2008</b> , 53, 1775-1781	5.9	32

7	Quaternion-Based Visual Servo Control in the Presence of Camera Calibration Error. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , <b>2007</b> ,		2
6	Daisy Chaining Based Visual Servo Control Part II: Extensions, Applications and Open Problems. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , <b>2007</b> ,		3
5	Energy-Based Nonlinear Control of Underactuated Euler-Lagrange Systems Subject to Impacts. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 1742-1748	5.9	42
4	. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 1988-1994	5.9	165
3	Daisy Chaining Based Visual Servo Control Part I: Adaptive Quaternion-Based Tracking Control. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , <b>2007</b> ,		3
2	A quaternion formulation for homography-based visual servo control		2
1	Energy-Based Nonlinear Control of Underactuated Euler-Lagrange Systems Subject to Impacts		6