

Anthony Tzes

List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

4,493
citations

201674

27
h-index

182427

51
g-index

270
all docs

270
docs citations

270
times ranked

2863
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling issues and aggressive robust load frequency control of interconnected electric power systems. <i>International Journal of Control</i> , 2022, 95, 753-767.	1.9	14
2	An adaptive UAV positioning model for sustainable smart transportation. <i>Sustainable Cities and Society</i> , 2022, 78, 103617.	10.4	12
3	A Siamese Network for real-time object tracking on CPU. <i>Software Impacts</i> , 2022, 12, 100266.	1.4	0
4	Mobile Data-Mule Optimal Path Planning for Wireless Sensor Networks. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 247.	2.5	1
5	Virtual Reality Simulation of a Robotic Laparoscopic Surgical System. , 2022, , .		1
6	Leader/Follower Force Control of Aerial Manipulators. <i>IEEE Access</i> , 2021, 9, 17584-17595.	4.2	12
7	Distributed control of mobile robots in an environment with static obstacles. <i>IET Cyber-Systems and Robotics</i> , 2021, 3, 128-139.	1.8	4
8	Computationally Efficient RGB-T UAV Detection and Tracking System. , 2021, , .		2
9	Relative Spherical-Visual Localization for Cooperative Unmanned Aerial Systems. , 2021, , .		3
10	Deep learning assisted visual tracking of evader-UAV. , 2021, , .		9
11	Robust Aggressive Load-Frequency Control of Networked Electric Power Systems. , 2021, , .		0
12	Maximum Allowable Time Delay for Aggressive Load Frequency Control of Networked Electric Power Systems. , 2021, , .		3
13	Visual Collaboration Leader-Follower UAV-Formation for Indoor Exploration. <i>Frontiers in Robotics and AI</i> , 2021, 8, 777535.	3.2	3
14	UAV-deployment for city-wide area coverage and computation of optimal response trajectories. , 2020, , .		3
15	Adaptive Control Approaches for an Unmanned Aerial Manipulation System. , 2020, , .		15
16	Aerial Worker for Skyscraper Fire Fighting using a Water-Jetpack Inspired Approach. , 2020, , .		7
17	Mobile robot position control in environment with static obstacles. <i>IET Cyber-Systems and Robotics</i> , 2020, 2, 78-87.	1.8	1
18	Collaborative visual area coverage using aerial agents equipped with PTZ-cameras under localization uncertainty. , 2019, , .		9

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19	Hybrid Detection of Intermittent Cyber-Attacks in Networked Power Systems. <i>Energies</i> , 2019, 12, 4625.	3.1	5
20	Tightly Coupled Semantic RGB-D Inertial Odometry for Accurate Long-Term Localization and Mapping. , 2019, , .		4
21	Deep Learning-based Visual Tracking of UAVs using a PTZ Camera System. , 2019, , .		12
22	Synergistic exploration and navigation of mobile robots under pose uncertainty in unknown environments. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141775078.	2.1	5
23	Force control design for a robot manipulator attached to a UAV. <i>IFAC-PapersOnLine</i> , 2018, 51, 548-553.	0.9	7
24	Collaborative Visual Area Coverage by Aerial Agents Under Positioning Uncertainty. , 2018, , .		1
25	Distributed area coverage control with imprecise robot localization. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141879749.	2.1	16
26	Aggressive Control Design for Electric Power Generation Plants. , 2018, , .		6
27	Mobile Robot Trajectory Generation from Ordered Point-Set Using Time-Optimal Bezier Segments. , 2018, , .		2
28	Relative Pose Estimation of Unmanned Aerial Systems. , 2018, , .		9
29	Set-theoretic detection of data corruption attacks on cyber physical power systems. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018, 6, 872-886.	5.4	16
30	Fault tolerant area coverage control for multiagent systems. <i>MATEC Web of Conferences</i> , 2018, 188, 05010.	0.2	0
31	A Hybrid Actuated Robotic Prototype for Minimally Invasive Surgery. , 2018, , .		1
32	Set-Induced Anomaly Detectors for Networked Power Systems under Bias Injection Cyber-Attacks. , 2018, , .		2
33	Model based design of antagonistic shape memory alloy spring devices. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 2619-2640.	2.5	4
34	Mobile Robot Tour Scheduling acting as Data Mule in a Wireless Sensor Network. , 2018, , .		5
35	Path Planning and Task Assignment for Data Retrieval from Wireless Sensor Nodes Relying on Game-Theoretic Learning. , 2018, , .		3
36	Game theoretic optimal position computation of collaborating agents for visual area coverage. , 2018, , .		0

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37	Set-Theoretic Detection of Bias Injection Cyber-Attacks on Networked Power Systems. , 2018, , .		8
38	Development of a Tendon-Driven Robotic Tool Targeting Visual-Servoing Minimally-Invasive Surgical Operations. , 2018, , .		2
39	Visual Area Coverage by Heterogeneous Aerial Agents Under Imprecise Localization. , 2018, 2, 623-628.		13
40	Collaborative visual area coverage. Robotics and Autonomous Systems, 2017, 92, 126-138.	5.1	37
41	Design and experimental evaluation of a tendon-driven minimally invasive surgical robotic tool with antagonistic control. , 2017, , .		2
42	Mobile robot trajectory planning for large volume data-muling from wireless sensor nodes. , 2017, , .		4
43	Load frequency control for demand disturbance attenuation and transient response improvement for a single-area power plant. , 2017, , .		3
44	Experimental studies on distributed control for area coverage using mobile robots. , 2017, , .		4
45	Algorithm for parallel microparts manipulation with electrostatic fields. , 2017, , .		1
46	Dynamics and control of an Unmanned Aerial Vehicle employing a delta-manipulator. , 2017, , .		2
47	CHAT: Clustered hierarchical key management for wireless sensor networks using network topology. International Journal of Distributed Sensor Networks, 2017, 13, 155014771774157.	2.2	3
48	Cyber-attack on a power plant using bias injected measurements. , 2017, , .		10
49	Mobile Robot Navigation Under Pose Uncertainty in Unknown Environments * *This work has received funding from the European Union Horizon 2020 Research and Innovation Programme under the Grant Agreement No. 644128, AEROWORKS.. IFAC-PapersOnLine, 2017, 50, 12710-12714.	0.9	5
50	Impact Analysis of a Bias Injection Cyber-Attack on a Power Plant. IFAC-PapersOnLine, 2017, 50, 11094-11099.	0.9	19
51	Cooperative visual convex area coverage using a tessellation-free strategy. , 2017, , .		4
52	The 24th Mediterranean Conference on Control and Automation [Conference Reports]. IEEE Control Systems, 2017, 37, 145-145.	0.8	0
53	Collaborative mapping and navigation for a mobile robot swarm. , 2017, , .		4
54	Design and Control of a Robotic Platform for Dexterous Minimally Invasive Surgical Applications. International Review of Automatic Control, 2017, 10, 443.	0.3	2

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55	Fault diagnosis based on set membership identification using output error models. International Journal of Adaptive Control and Signal Processing, 2016, 30, 224-255.	4.1	13
56	Design and Implementation of a Binary Redundant Manipulator With Cascaded Modules1. Journal of Mechanisms and Robotics, 2016, 8, .	2.2	12
57	A human-in-the-loop controlled shape memory alloy actuated robotic probe for minimally invasive surgical procedures. , 2016, , .		0
58	Distributed area coverage control with imprecise robot localization. , 2016, , .		13
59	Development of an SMA-actuated redundant robotic platform for minimally invasive surgery. , 2016, , .		11
60	Distributed infrastructure inspection path planning for aerial robotics subject to time constraints. , 2016, , .		23
61	Sliding mode-based control of thin Shape Memory Alloy actuators using a spatial hysteresis approximation. Mechatronics, 2016, 40, 115-127.	3.3	5
62	Experimental studies of serpentine motion control of snake robots at inclined planes. , 2016, , .		1
63	Modeling and control aspects of a UAV with an attached manipulator. , 2016, , .		12
64	Mobile robot navigation in unknown environment based on exploration principles. , 2016, , .		11
65	Experimental studies on a fuzzy-logic control scheme for an Ultrasonic Motor. , 2016, , .		3
66	Design and antagonistic control of a tendon-driven Minimally Invasive Surgical robotic tool. , 2016, , .		3
67	Adversarial control scheme for an islanded power plant. , 2016, , .		5
68	Dual "Authority Thrust" Vectoring of a Tri "TiltRotor employing Model Predictive Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 81, 471-504.	3.4	48
69	Robust Model Predictive Flight Control of Unmanned Rotorcrafts. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 81, 443-469.	3.4	80
70	Covert attack on a discrete-time system with limited use of the available disruption resources. , 2015, , .		11
71	Inspection Operations Using an Aerial Robot Powered-over-Tether by a Ground Vehicle. Lecture Notes in Computer Science, 2015, , 455-465.	1.3	2
72	Aerial robotic tracking of a generalized mobile target employing visual and spatio-temporal dynamic subject perception. , 2015, , .		10

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73	The Power-over-Tether system for powering small UAVs: Tethering-line tension control synthesis. , 2015, , .		30
74	Modelling and Control of Hyper-Redundant Micromanipulators for Obstacle Avoidance in an Unstructured Environment. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 78, 517-528.	3.4	3
75	Distributed coverage control for concave areas by a heterogeneous Robotâ€™Swarm with visibility sensing constraints. Automatica, 2015, 53, 195-207.	5.0	96
76	Distributed Collaborative Coverage-Control Schemes for Non-Convex Domains. IEEE Transactions on Automatic Control, 2015, 60, 2422-2427.	5.7	54
77	Uniform coverage structural inspection pathâ€™planning for micro aerial vehicles. , 2015, , .		23
78	Sampling-based receding horizon collision-free control for a class of Micro Aerial Vehicles. , 2015, , .		0
79	Development and Control of a Multifunctional Prosthetic Hand with Shape Memory Alloy Actuators. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 78, 257-289.	3.4	101
80	Autonomous Robotic Aerial Tracking, Avoidance, and Seeking of a Mobile Human Subject. Lecture Notes in Computer Science, 2015, , 444-454.	1.3	4
81	The power-tethered UAV-UGV team: A collaborative strategy for navigation in partially-mapped environments. , 2014, , .		35
82	Adversary control strategies for discrete-time systems. , 2014, , .		6
83	On the interaction of temperature-sensing, Shape Memory Alloy dynamics, and control design for a bending actuator. , 2014, , .		1
84	TALK: Topology Aware LKH Key Management. International Journal of Distributed Sensor Networks, 2014, 10, 762194.	2.2	1
85	Efficient force exertion for aerial robotic manipulation: Exploiting the thrust-vectoring authority of a tri-tiltrotor UAV. , 2014, , .		51
86	On Trajectory Tracking Model Predictive Control of an Unmanned Quadrotor Helicopter Subject to Aerodynamic Disturbances. Asian Journal of Control, 2014, 16, 209-224.	3.0	80
87	Experimental constrained optimal attitude control of a quadrotor subject to wind disturbances. International Journal of Control, Automation and Systems, 2014, 12, 1289-1302.	2.7	22
88	Robust explicit model predictive flight control of unmanned rotorcrafts: Design and experimental evaluation. , 2014, , .		8
89	Cooperative positioning/orientation control of mobile heterogeneous anisotropic sensor networks for area coverage. , 2014, , .		23
90	Visibility-oriented coverage control of mobile robotic networks on non-convex regions. , 2014, , .		16

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91	Distributed visibility-based coverage using a swarm of UAVs in known 3D-terrains. , 2014, , .		10
92	Technical Activities Execution with a TiltRotor UAS employing Explicit Model Predictive Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11036-11042.	0.4	22
93	Design of a robust controller and modeling aspects of a micro cantilever beam with fringing and squeezed gas film damping effects. Mechatronics, 2013, 23, 67-79.	3.3	3
94	Linear quadratic optimal trajectory-tracking control of a longitudinal thrust vectoring-enabled unmanned Tri-TiltRotor. , 2013, , .		5
95	Large object pushing via a direct longitudinally-actuated unmanned Tri-TiltRotor. , 2013, , .		8
96	Distributed coverage of mobile heterogeneous networks in non-convex environments. , 2013, , .		6
97	Design of an innovative prosthetic hand with compact shape memory alloy actuators. , 2013, , .		10
98	Resonant Fluid Actuator: Modeling, Identification, and Control. IEEE Transactions on Control Systems Technology, 2013, 21, 852-860.	5.2	4
99	Distributed coverage using geodesic metric for non-convex environments. , 2013, , .		12
100	Linear Quadratic optimal position control for an unmanned Tri-TiltRotor. , 2013, , .		8
101	Model predictive hovering-translation control of an unmanned Tri-TiltRotor. , 2013, , .		43
102	Spatially distributed area coverage optimisation in mobile robotic networks with arbitrary convex anisotropic patterns. Automatica, 2013, 49, 232-237.	5.0	39
103	Guidance and Control Design for a Class of Spin-Stabilized Fin-Controlled Projectiles. Journal of Guidance, Control, and Dynamics, 2013, 36, 517-531.	2.8	83
104	A dual scheme for compression and restoration of sequentially transmitted images over Wireless Sensor Networks. Ad Hoc Networks, 2013, 11, 410-426.	5.5	16
105	Trajectory control of an unmanned Tri-TiltRotor in hover flight via direct longitudinal actuation. , 2013, , .		3
106	Improving EMG based classification of basic hand movements using EMD. , 2013, 2013, 5754-7.		106
107	EMG based classification of basic hand movements based on time-frequency features. , 2013, , .		59
108	Geodesic motion planning on 3D-terrains satisfying the robot's kinodynamic constraints. , 2013, , .		5

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109	Hybrid model predictive flight mode conversion control of unmanned Quad-TiltRotors. , 2013, , .		21
110	Distributed Control of Mobile Sensor Networks under RF Connectivity Constraints. International Journal of Distributed Sensor Networks, 2012, 8, 741821.	2.2	10
111	Serpentine motion control of snake robots for curvature and heading based trajectory - parameterization. , 2012, , .		7
112	Towards a high-end unmanned tri-TiltRotor: design, modeling and hover control. , 2012, , .		28
113	Computation of robust stability bounds for networked systems with varying delays. International Journal of Systems, Control and Communications, 2012, 4, 20.	0.3	0
114	Trajectory optimization satisfying the robot's kinodynamic constraints for obstacle avoidance. , 2012, , .		6
115	Design and development of a hyper-redundant binary active laparoscopic manipulator. , 2012, , .		2
116	Revisited Dos Samara Unmanned Aerial Vehicle: Design and control. , 2012, , .		2
117	Autonomous deployment of heterogeneous mobile agents with arbitrarily anisotropic sensing patterns. , 2012, , .		6
118	Model predictive quadrotor control: attitude, altitude and position experimental studies. IET Control Theory and Applications, 2012, 6, 1812-1827.	2.1	294
119	Modeling and control simulation of an unmanned Tilt Tri-Rotor Aerial vehicle. , 2012, , .		17
120	Connectivity-aware coordination of robotic networks for area coverage optimization. , 2012, , .		7
121	Coordination of Mobile Networks with Arbitrary Convex Sensing Patterns. , 2012, , .		0
122	Design and experimental attitude control of an unmanned Tilt-Rotor aerial vehicle. , 2011, , .		51
123	Model predictive attitude control of an unmanned Tilt-Rotor aircraft. , 2011, , .		33
124	Model predictive quadrotor indoor position control. , 2011, , .		57
125	Model predictive control scheme for the autonomous flight of an unmanned quadrotor. , 2011, , .		21
126	Autopilot strategies of guided projectiles for terminal guidance. , 2011, , .		2

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127	Switching Model Predictive Control for a Quadrotor Helicopter under Severe Environmental Flight Conditions. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11913-11918.	0.4	5
128	Fault detection and diagnosis based on parameter set estimation. IET Control Theory and Applications, 2011, 5, 69.	2.1	47
129	Switching model predictive attitude control for a quadrotor helicopter subject to atmospheric disturbances. Control Engineering Practice, 2011, 19, 1195-1207.	5.5	275
130	Modelling and Adaptive Control of Nanowire-Driven Micromanipulators. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 62, 419-450.	3.4	3
131	Decentralized Swarm Coordination: A Combined Coverage/Connectivity Approach. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 64, 603-623.	3.4	13
132	Energy efficient and perceived QoS aware video routing over Wireless Multimedia Sensor Networks. Ad Hoc Networks, 2011, 9, 591-607.	5.5	102
133	A dual scheme for secured Multimedia Wireless Sensor Network. , 2011, , .		3
134	Coverage-oriented coordination of mobile heterogeneous networks. , 2011, , .		15
135	An iterative scheme for LMI-based robust pole assignment with control input saturation constraints for uncertain LTI systems. , 2011, , .		0
136	Design and experimental evaluation of an innovative SMA-based tendon-driven redundant endoscopic robotic surgical tool. , 2011, , .		18
137	On the adaptive performance improvement of a trajectory tracking controller for non-holonomic mobile robots. , 2011, , .		0
138	RF-Power Overlapping Control for Connectivity Awareness in Wireless Ad-Hoc and Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 275-280.	0.4	1
139	Application of adaptive lattice filters for modal parameter tracking of a single flexible link carrying a shifting payload. Mechanical Systems and Signal Processing, 2010, 24, 1338-1348.	8.0	5
140	An integrated gain scheduled control design for an Electrostatic micro-Actuator with aerodynamic effects. , 2010, , .		1
141	A literature review on modeling and control design for electrostatic microactuators with fringing and squeezed film damping effects. , 2010, , .		10
142	Constrained optimal attitude control of a quadrotor helicopter subject to wind-gusts: Experimental studies. , 2010, , .		23
143	A collaborative Unmanned Helicopter control strategy for image compression and wireless transmission. , 2010, , .		1
144	Decentralized communication range adjustment issues in multi-agent mobile networks. , 2010, , .		4

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145	Adaptive Compression of Slowly Varying Images Transmitted over Wireless Sensor Networks. <i>Sensors</i> , 2010, 10, 7170-7191.	3.8	17
146	H ∞ Closed-Loop Control for Uncertain Discrete Input-Shaped Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2010, 132, .	1.6	4
147	Experimental model predictive attitude tracking control of a quadrotor helicopter subject to wind-gusts. , 2010, , .		23
148	LMI-region pole placement control scheme for an electrostatically actuated micro Cantilever Beam. , 2010, , .		8
149	Fault Detection and Diagnosis enhanced by a reconfiguration control scheme for a micro-electrostatic actuator. , 2010, , .		1
150	Constrained-control of a quadrotor helicopter for trajectory tracking under wind-gust disturbances. , 2010, , .		27
151	Convex Voronoi-inspired space partitioning for heterogeneous networks: a coverage-oriented approach. <i>IET Control Theory and Applications</i> , 2010, 4, 2802-2812.	2.1	28
152	Robust proportionalâ€“integralâ€“derivative controller design for an electrostatic micro-actuator with measurement uncertainties. <i>IET Control Theory and Applications</i> , 2010, 4, 2793-2801.	2.1	3
153	Fault Detection and Diagnosis based on Parameter Set Estimation for measurements corrupted by bounded noise. , 2010, , .		4
154	Design and experimental verification of a Constrained Finite Time Optimal control scheme for the attitude control of a Quadrotor Helicopter subject to wind gusts. , 2010, , .		30
155	Robust guaranteed-cost controllers for networked systems with varying delays. , 2010, , .		1
156	Fault Detection and Diagnosis relying on Set Membership Identification for time varying systems. , 2010, , .		5
157	LPV modeling of guided projectiles for terminal guidance. , 2010, , .		6
158	Convex Voronoi space-partitioning for coverage purposes in heterogeneous sensor networks. , 2009, , .		3
159	A hybrid scheme for video transmission over wireless multimedia sensor networks. , 2009, , .		10
160	Adaptive minimum uncertainty control for a flexible link manipulator. , 2009, , .		0
161	H ∞ Closed-Loop Control for Unstable Uncertain Discrete Input-Shaped Systems. , 2009, , .		0
162	Adaptive optimal valve control for a resonance fluid actuator. , 2009, , .		1

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163	Modeling aspects and gain scheduled H _∞ controller design for an electrostatic micro-actuator with squeezed gas film damping effects. , 2009, , .		6
164	Voronoi-based coverage optimization for mobile networks with limited sensing range - A directional search approach. , 2009, , .		18
165	Coordination of Helicopter UAVs for Aerial Forest-Fire Surveillance. , 2009, , 169-193.		82
166	Robust stability bounds for networked systems with varying delays. , 2009, , .		2
167	Power Conservation through Energy Efficient Routing in Wireless Sensor Networks. Sensors, 2009, 9, 7320-7342.	3.8	99
168	Modeling and identification of a resonance fluid actuator. , 2009, , .		3
169	Experimental verification of an adaptive input shaping scheme for hoisting cranes. , 2009, , .		8
170	Robust stability bounds for networked controlled systems with unknown, bounded and varying delays. IET Control Theory and Applications, 2009, 3, 270-280.	2.1	27
171	Robust stability analysis of networked systems with varying delays. International Journal of Control, 2009, 82, 2347-2355.	1.9	28
172	Fault-Detection relying on Set-Membership techniques for an Atomic Force Microscope. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1186-1191.	0.4	3
173	An Application of the Inpainting Algorithm for Recovering Packet Losses from Transmitting Sequential Quad Tree Compressed Images Over Wireless Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 514-519.	0.4	2
174	Modeling and Gain Scheduling Design for an Electrostatic Micro-Actuator with Squeezed Film Damping Effects. Micro and Nanosystems, 2009, 1, 234-241.	0.6	3
175	Robust H _∞ controller-design for an electrostatic micro-actuator with squeezed gas film damping effects. , 2009, , .		1
176	Robust stability analysis of Networked Systems with varying delays. , 2009, , .		4
177	Application of adaptive lattice filters to internal model control. International Journal of Adaptive Control and Signal Processing, 2008, 22, 569-589.	4.1	2
178	Experimental controller tuning and QoS optimization of a wireless transmission scheme for real-time remote control applications. Control Engineering Practice, 2008, 16, 333-346.	5.5	26
179	Design of a robust PID-control switching scheme for an electrostatic micro-actuator. Control Engineering Practice, 2008, 16, 1321-1328.	5.5	39
180	Design of an anthropomorphic prosthetic hand driven by Shape Memory Alloy actuators. , 2008, , .		30

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181	Hierarchical energy efficient routing in Wireless Sensor Networks. , 2008, , .		12
182	Robust PID control design for an electrostatic micromechanical actuator with structured uncertainty. IET Control Theory and Applications, 2008, 2, 365-373.	2.1	32
183	On mobile agent positioning for wireless network reconfiguration. , 2008, , .		3
184	Mobile robot odometry relying on data fusion from RF and ultrasound measurements in a wireless sensor framework. , 2008, , .		6
185	Application of a quadtree-based market-allocation algorithm for cellular environment coverage with cooperative robots. , 2008, , .		1
186	AR LATTICE â„–STEP AHEAD OUTPUT UNCERTAINTY PREDICTION SCHEME WITH UNCERTAINTY INTERVALS. Journal of Circuits, Systems and Computers, 2008, 17, 893-904.	1.5	0
187	Reconfigurable Internal Model Control based on adaptive IIR lattice filters. , 2008, , .		0
188	Modeling and analysis of the squeezed film damping effect on electrostatic microactuators. , 2008, , .		3
189	Fault Detection based on Orthotopic Set Membership Identification for Robot Manipulators. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7344-7349.	0.4	16
190	Robust PID Controller Design for a micro-Actuator with Squeezed Gas Film Damping Effects. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5423-5428.	0.4	4
191	Modeling Approaches and Robust Stability Conditions for Networked Controlled Systems with Uncertain Delays. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6353-6358.	0.4	7
192	Constrained Control of Event-Driven Networked Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 11600-11605.	0.4	0
193	Switched Feedback Control for Wireless Networked Systems. , 2008, , 153-195.		0
194	Fault Detection using Set Membership Identification for Micro-Electrostatic Actuators. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	6
195	On the modeling of networked controlled systems. , 2007, , .		6
196	Adaptive particle swarm optimizer with nonextensive schedule. , 2007, , .		0
197	Adaptive Input Shaping for Nonlinear Systems: A Case Study. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2007, 129, 219-223.	1.6	17
198	Constrained Optimal Control for a Special class of Networked Systems. Proceedings of the American Control Conference, 2007, , .	0.0	4

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199	An integrated power aware system for robotic-based lunar exploration. , 2007, , .		5
200	An adaptive input shaping technique for the suppression of payload swing in three-dimensional overhead cranes with hoisting mechanism. , 2007, , .		9
201	A visual-servoing system for a humanlike shape memory alloy actuated finger. , 2007, , .		0
202	A Component-Based Approach to the Design of Networked Control Systems. European Journal of Control, 2007, 13, 261-279.	2.6	26
203	An H _∞ -control scheme for an electrostatic micro-actuator with structured uncertainty. , 2007, , .		0
204	Robust PID-control design for an electrostatic micromechanical? actuator with structured uncertainty. , 2007, , .		2
205	Synergy between control and electronic simulation models in performance system enhancement. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	1
206	Utilization of mobile agents for Voronoi-based heterogeneous wireless sensor network reconfiguration. , 2007, , .		6
207	Robust output feedback control of networked systems. , 2007, , .		17
208	Robust control design for an uncertain electrostatic micro-mechanical system via loop shaping. , 2007, , .		8
209	MULTI-HOPPING INDUCED GAIN SCHEDULING FOR WIRELESS NETWORKED CONTROLLED SYSTEMS. Asian Journal of Control, 2007, 9, 450-457.	3.0	7
210	An H _∞ -Control Scheme for an Electrostatic micro-Actuator with Structured Uncertainty. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	1
211	Robust PID Control for a Micro-Actuator with Structural Uncertainty. , 2006, , .		1
212	Intelligent Robust Controller Design for a Micro-actuator. Journal of Intelligent and Robotic Systems: Theory and Applications, 2006, 47, 299-315.	3.4	22
213	Constrained Finite Time Control of Networked Systems with Uncertain Delays. , 2006, , .		8
214	Adaptive Constrained Control of Uncertain ARMA-Systems based on Set Membership Identification. , 2006, , .		10
215	Constrained Finite Time Optimal Control of a Micro-Capacitor. Industrial Electronics Society (IECON) Tj ETQq1 1 0.784314 rBT /Overlo 0.0 0		0
216	Robot-Assisted Target Localization using a Cooperative Scheme relying on Wireless Sensor Networks. , 2006, , .		2

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217	Constrained Optimal Control over Networks with Uncertain Delays. , 2006, , .		13
218	Adaptive Pulse Width/Phase Modulated Controller for a High Frequency Active Electro-Hydraulic Pump System. , 2006, , .		2
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