Christos Panayiotou

List of Publications by Year
in descending order

193 papers	3,652 citations	186265 28 h-index	206112 48 g-index
194 all docs	194 docs citations	194 times ranked	2775 citing authors

#	Article	IF	Citations
1	Optimizing Vehicles' Tracking Accuracies While Considering Information Aging. IEEE Transactions on Intelligent Vehicles, 2023, 8, 2538-2550.	12.7	2
2	Model-Adaptive Event Triggering for Monitoring Recurrent Mobility Patterns in Public Transport. IEEE Access, 2023, 11, 18013-18025.	4.2	0
3	Joint Route Guidance and Demand Management for Real-Time Control of Multi-Regional Traffic Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8302-8315.	8.0	6
4	Fault diagnosis for a class of nonlinear uncertain hybrid systems. Nonlinear Analysis: Hybrid Systems, 2022, 44, 101137.	3.5	2
5	Finite-Time Distributed Identification for Nonlinear Interconnected Systems. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1188-1199.	13.1	4
6	Online Learning With Adaptive Rebalancing in Nonstationary Environments. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4445-4459.	11.3	17
7	IoT-Enabled Automatic Synthesis of Distributed Feedback Control Schemes in Smart Buildings. IEEE Internet of Things Journal, 2021, 8, 2615-2626.	8.7	5
8	An Implementation of a Route Reservation Architecture. IFAC-PapersOnLine, 2021, 54, 1-6.	0.9	0
9	Leakage detection and localization in water distribution systems: A model invalidation approach. Control Engineering Practice, 2021, 110, 104755.	5.5	22
10	Calculating Chlorine Concentration Bounds in Water Distribution Networks: A Backtracking Uncertainty Bounding Approach. Water Resources Research, 2021, 57, e2020WR028684.	4.2	5
11	3D Trajectory Planning for UAV-based Search Missions: An Integrated Assessment and Search Planning Approach. , 2021, , .		12
12	A Cooperative Multiagent Probabilistic Framework for Search and Track Missions. IEEE Transactions on Control of Network Systems, 2021, 8, 847-858.	3.7	12
13	Towards Automated 3D Search Planning for Emergency Response Missions. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 103, 1.	3.4	15
14	Jointly-Optimized Searching and Tracking with Random Finite Sets. IEEE Transactions on Mobile Computing, 2020, 19, 2374-2391.	5.8	12
15	Neural network-based construction of online prediction intervals. Neural Computing and Applications, 2020, 32, 6715-6733.	5.6	5
16	Coordinated CRLB-based Control for Tracking Multiple First Responders in 3D Environments. , 2020, , .		4
17	Beaconing-based networking for localized information exchange in emergency management. Ad Hoc Networks, 2020, 107, 102225.	5.5	1
18	Cyber-Physical Interplay for Data Offloading in Vehicular Networks. IEEE Networking Letters, 2020, 2, 54-57.	1.9	2

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19	Scalable distributed sensor fault diagnosis for smart buildings. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 638-655.	13.1	19
20	Sensor Bias Fault Diagnosis for a Class of Nonlinear Uncertain Hybrid Systems. IFAC-PapersOnLine, 2020, 53, 13662-13667.	0.9	1
21	Joint route guidance and demand management using generalized MFDs. IFAC-PapersOnLine, 2020, 53, 15023-15028.	0.9	2
22	Unscented stochastic model predictive perimeter control of uncertain two-regions urban traffic. IFAC-PapersOnLine, 2020, 53, 14930-14935.	0.9	4
23	Cooperative Simultaneous Tracking and Jamming for Disabling a Rogue Drone. , 2020, , .		10
24	COMOB: A MATLAB toolbox for sensor placement and contaminant event monitoring in multi-zone buildings. Building and Environment, 2019, 154, 348-361.	6.9	10
25	Active Fault Diagnosis via Reachable Set Separation using Interval Methods. , 2019, , .		0
26	Intentional Controlled Islanding of Power Systems Equipped With Battery Energy Storage Systems. , 2019, , .		1
27	Drones: Augmenting Our Quality of Life. IEEE Potentials, 2019, 38, 30-36.	0.3	43
28	Minimizing Traffic Congestion Through Continuous-Time Route Reservations With Travel Time Predictions. IEEE Transactions on Intelligent Vehicles, 2019, 4, 141-153.	12.7	26
29	Iterative Hydraulic Interval State Estimation for Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	2.6	15
30	SEMIoTICS: Semantically Enhanced IoT-Enabled Intelligent Control Systems. IEEE Internet of Things Journal, 2019, 6, 1257-1266.	8.7	13
31	Distributed Contaminant Detection and Isolation for Intelligent Buildings. IEEE Transactions on Control Systems Technology, 2018, 26, 1925-1941.	5.2	9
32	Optimized vision-directed deployment of UAVs for rapid traffic monitoring. , 2018, , .		20
33	Optimizing the Detection Performance of Smart Camera Networks Through a Probabilistic Image-Based Model. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1197-1211.	8.3	10
34	Semantically Enhanced Online Configuration of Feedback Control Schemes. IEEE Transactions on Cybernetics, 2018, 48, 1081-1094.	9.5	3
35	Optimizing Container Loading With Autonomous Robots. IEEE Transactions on Automation Science and Engineering, 2018, 15, 717-731.	5.2	10
36	Controlled Islanding Solution for Large-Scale Power Systems. IEEE Transactions on Power Systems, 2018, 33, 1591-1602.	6.5	59

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37	Consensus Approach to Secure State Estimation for a Class of Remotely Sensed Networked Systems. , 2018, , .		1
38	Charging Policies for PHEVs used for Service Delivery: A Reinforcement Learning Approach. , 2018, , .		1
39	Centralized Fault Detection of Complex Uncertain Hybrid Systems. IFAC-PapersOnLine, 2018, 51, 76-81.	0.9	4
40	Fault Diagnosis of Uncertain Hybrid Systems. IFAC-PapersOnLine, 2018, 51, 123-130.	0.9	6
41	Performance Index for Optimizing Sensor Fault Detection of a Class of Nonlinear Systems. IFAC-PapersOnLine, 2018, 51, 1387-1394.	0.9	1
42	Distributed Design of Sensor Fault-Tolerant Control for Preserving Comfortable Indoor Conditions in Buildings. IFAC-PapersOnLine, 2018, 51, 688-695.	0.9	4
43	Optimization Based Partitioning Selection for Improved Contaminant Detection Performance. , 2018, , .		0
44	Real-time hydraulic interval state estimation for water transport networks: a case study. Drinking Water Engineering and Science, 2018, 11, 19-24.	0.8	17
45	A Distributed Networked Approach for Fault Detection of Large-Scale Systems. IEEE Transactions on Automatic Control, 2017, 62, 18-33.	5.7	117
46	Partitioning of Intelligent Buildings for Distributed Contaminant Detection and Isolation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 72-86.	4.9	14
47	Controlling road congestion via a low-complexity route reservation approach. Transportation Research Part C: Emerging Technologies, 2017, 81, 118-136.	7.6	43
48	Hybrid systems modeling for critical infrastructures interdependency analysis. Reliability Engineering and System Safety, 2017, 165, 89-101.	8.9	53
49	Distributed Diagnosis of Actuator and Sensor Faults in HVAC Systems * *This work was supported by the European Research Council under the ERC Advanced Grant ERC-2011-AdG-291508. IFAC-PapersOnLine, 2017, 50, 4209-4215.	0.9	13
50	System splitting strategy considering power system restoration. , 2017, , .		7
51	Improved Road Usage Through Congestion-Free Route Reservations. Transportation Research Record, 2017, 2621, 71-80.	1.9	19
52	Assignment and Coordination of Autonomous Robots in Container Loading Terminals. IFAC-PapersOnLine, 2017, 50, 9712-9717.	0.9	3
53	Enhanced Situational Awareness through a Decision Support Service for Optimal Allocation of Resources and Response Capacity. Prehospital and Disaster Medicine, 2017, 32, S229.	1.3	0
54	Resilient device-to-device communication in emergency situations. , 2016, , .		2

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55	Energy efficient event-based networking for the Internet of Things. , 2016, , .		2
56	Multi-constraint building partitioning formulation for effective contaminant detection and isolation. , 2016, , .		3
57	Automatic building partitioning for effective contaminant detection and isolation. , 2016, , .		1
58	Critical Infrastructure Online Fault Detection: Application in Water Supply Systems. Lecture Notes in Computer Science, 2016, , 94-106.	1.3	2
59	Data-Driven Event Triggering for IoT Applications. IEEE Internet of Things Journal, 2016, 3, 1146-1158.	8.7	43
60	Integrated modelling of medical emergency response process for improved coordination and decision support. Healthcare Technology Letters, 2016, 3, 197-204.	3.3	4
61	Towards Improving the Detection Performance in Collaborative Visual Sensor Networks. , 2016, , .		0
62	Applying exact MILP formulation for controlled islanding of power systems. , 2016, , .		6
63	Adaptive Energy-Oriented Multitask Allocation in Smart Camera Networks. IEEE Embedded Systems Letters, 2016, 8, 37-40.	1.9	48
64	Fault detection for service mobile robots using model-based method. Autonomous Robots, 2016, 40, 383-394.	4.8	33
65	Proximity-Based Alert Forwarding Under Varying Mobility Levels in Adhoc Networks. International Journal of Distributed Systems and Technologies, 2016, 7, 61-76.	0.7	0
66	Network Traffic Signal Control with Nonconvex Alternating Direction Method of Multipliers Formulations. Transportation Research Record, 2015, 2490, 11-20.	1.9	0
67	Fault-Adaptive Traffic Density Estimation for the Asymmetric Cell Transmission Model. , 2015, , .		2
68	A resource-based decision support tool for emergency response management. , 2015, , .		2
69	Semantically-Enhanced Configurability in State Estimation Structures of Power Systems. , 2015, , .		2
70	Transportation Systems: Monitoring, Control, and Security. Studies in Computational Intelligence, 2015, , 125-166.	0.9	5
71	Critical Infrastructure Systems: Basic Principles of Monitoring, Control, and Security. Studies in Computational Intelligence, 2015, , 1-30.	0.9	4
72	Moving horizon fault-tolerant traffic state estimation for the Cell Transmission Model. , 2015, , .		4

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73	Semantic Mediation in Smart Water Networks. , 2015, , .		3
74	ProximAid: Proximal adhoc networking to aid emergency response. , 2015, , .		6
75	Tracking Trip Changes with Event Triggering. , 2015, , .		4
76	Modeling interdependent critical infrastructures using open hybrid automata. , 2015, , .		5
77	Distributed Adaptive Estimation Scheme for Isolation of Sensor Faults in Multi-zone HVAC Systems. IFAC-PapersOnLine, 2015, 48, 1146-1151.	0.9	6
78	Event-based communication for IoT networking. , 2015, , .		2
79	Distributed adaptive sensor fault tolerant control for smart buildings. , 2015, , .		9
80	Congestion Free Vehicle Scheduling Using a Route Reservation Strategy. , 2015, , .		1
81	On the Complexity of Congestion Free Routing in Transportation Networks. , 2015, , .		2
82	Distributed fault diagnosis for process and sensor faults in a class of interconnected input–output nonlinear discrete-time systems. International Journal of Control, 2015, 88, 1472-1489.	1.9	32
83	ExTraCT: Expediting Offloading Transfers Through Intervehicle Communication Transmissions. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1238-1248.	8.0	18
84	A Distributed Architecture for HVAC Sensor Fault Detection and Isolation. IEEE Transactions on Control Systems Technology, 2015, 23, 1323-1337.	5.2	55
85	Decentralized Isolation of Multiple Sensor Faults in Large-Scale Interconnected Nonlinear Systems. IEEE Transactions on Automatic Control, 2015, 60, 1582-1596.	5.7	78
86	Distributed adaptive task allocation for energy conservation in camera sensor networks. , 2015, , .		1
87	Real-time identification of coherent generator groups. , 2015, , .		7
88	Contamination Event Detection Using Multi-level Thresholds. Procedia Engineering, 2015, 119, 1429-1438.	1.2	13
89	Contamination detection in drinking water distribution systems using sensor networks. , 2015, , .		7
90	A camera uncertainty model for collaborative visual sensor network applications. , 2015, , .		2

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91	An event-based bus monitoring system. , 2014, , .		2
92	Hybrid sensor networks localization dealing with range-capable and range-free nodes. , 2014, , .		6
93	ExTra: Expediting file transfers through optimized inter-vehicle communication. , 2014, , .		1
94	Online distributed network traffic signal control using the cell transmission model. , 2014, , .		5
95	Demonstration abstract: Crowdsourced indoor localization and navigation with Anyplace. , 2014, , .		10
96	A distributed virtual sensor scheme for smart buildings based on adaptive approximation. , 2014, , .		10
97	Contamination event detection in drinking water systems using a real-time learning approach. , 2014, , .		1
98	A distributed framework for contaminant event detection and isolation in multi-zone intelligent buildings. , 2014, , .		5
99	ftTRACK. ACM Transactions on Sensor Networks, 2014, 10, 1-28.	3.6	5
100	Distributed Traffic Signal Control Using the Cell Transmission Model via the Alternating Direction Method of Multipliers. IEEE Transactions on Intelligent Transportation Systems, 2014, , 1-15.	8.0	21
101	Improving the reliability of emergency response networks using revolvernet. , 2014, , .		2
102	A Low-Cost Sensor Network for Real-Time Monitoring and Contamination Detection in Drinking Water Distribution Systems. IEEE Sensors Journal, 2014, 14, 2765-2772.	4.7	215
103	Adaptive Approximation for Multiple Sensor Fault Detection and Isolation of Nonlinear Uncertain Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 137-153.	11.3	79
104	Fault Tolerant Localization and Tracking of Multiple Sources in WSNs Using Binary Data. IEEE Transactions on Mobile Computing, 2014, 13, 1213-1227.	5.8	24
105	Water Supply Optimization: An IPA Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 265-270.	0.4	0
106	Differential signal strength fingerprinting revisited. , 2014, , .		11
107	Contamination Event Detection in Water Distribution Systems Using a Model-based Approach. Procedia Engineering, 2014, 89, 1089-1096.	1.2	36
108	Collaborative path planning for event search and exploration in mixed sensor networks. International Journal of Robotics Research, 2013, 32, 1424-1437.	8.5	14

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109	Distributed detection and isolation of sensor faults in HVAC systems. , 2013, , .		8
110	Vehicular data offloading under uncertain journey planners. , 2013, , .		1
111	Towards distributed online cooperative traffic signal control using the cell transmission model. , 2013, , .		7
112	Crowdsourced indoor localization for diverse devices through radiomap fusion. , 2013, , .		50
113	Fault tolerant target localization and tracking in binary WSNs using sensor health state estimation. , 2013, , .		4
114	Contaminant Detection in Urban Water Distribution Networks Using Chlorine Measurements. Lecture Notes in Computer Science, 2013, , 203-214.	1.3	6
115	A laboratory course on 3D vision for robotic applications. , 2013, , .		1
116	A distributed detection and isolation scheme for multiple sensor faults in interconnected nonlinear systems. , 2013, , .		4
117	Device self-calibration in location systems using signal strength histograms. Journal of Location Based Services, 2013, 7, 165-181.	1.9	52
118	Sensor health state estimation for target tracking with binary sensor networks. , 2013, , .		1
119	A Path Correction Module for two-wheeled service robots under actuator faults. , 2013, , .		4
120	Indoor geolocation on multi-sensor smartphones. , 2013, , .		12
121	An Indoor Contaminant Sensor Placement Toolbox for Critical Infrastructure Buildings. Lecture Notes in Computer Science, 2013, , 179-190.	1.3	0
122	Exploring Semantic Mediation Techniques in Feedback Control Architectures. IFIP Advances in Information and Communication Technology, 2013, , 657-666.	0.7	0
123	A Matlab-CONTAM Toolbox for Contaminant Event Monitoring in Intelligent Buildings. IFIP Advances in Information and Communication Technology, 2013, , 605-614.	0.7	5
124	Fault detection and mitigation in WLAN RSS fingerprint-based positioning. Journal of Location Based Services, 2012, 6, 101-116.	1.9	14
125	Foliage obstacle detection exploiting scattering and depolarization of 2.4 GHz waves used for communication links. , 2012, , .		2
126	Contaminant Event Monitoring in Intelligent Buildings Using a Multi-zone Formulation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 492-497.	0.4	8

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127	Distributed Sensor Fault Detection and Isolation for Nonlinear Uncertain Systems*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1077-1082.	0.4	7
128	Distributed Fault Detection and Isolation of Large-Scale Discrete-Time Nonlinear Systems: An Adaptive Approximation Approach. IEEE Transactions on Automatic Control, 2012, 57, 275-290.	5.7	188
129	Task assignment and agent coordination in a warehouse environment. , 2012, , .		2
130	Cross device fingerprint-based positioning using 3D Ray Tracing. , 2012, , .		9
131	3D Ray Tracing for device-independent fingerprint-based positioning in WLANs. , 2012, , .		26
132	Towards a semantically enhanced control architecture. , 2012, , .		4
133	Localization of a simple robot with low computational-power using a single short range sensor. , 2012, , .		2
134	A low-cost system for real time monitoring and assessment of potable water quality at consumer sites. , 2012, , .		28
135	A distributed architecture for sensor fault detection and isolation using adaptive approximation. , 2012, , .		6
136	The Airplace Indoor Positioning Platform for Android Smartphones. , 2012, , .		35
137	Device signal strength self-calibration using histograms. , 2012, , .		24
138	A testbed for coverage control using mixed wireless sensor networks. Journal of Network and Computer Applications, 2012, 35, 527-537.	9.1	9
139	Newly Elected CIS Administrative Committee Members (2012â€"2014) [Society Briefs]. IEEE Computational Intelligence Magazine, 2012, 7, 4-6.	3.2	0
140	Concurrent Simulation for Online Optimization of Discrete Event Systems. Computational Analysis, Synthesis, and Design of Dynamic Models Series, 2012, , 389-416.	0.2	0
141	Fault detection and mitigation in WLAN RSS fingerprint-based positioning. , 2011, , .		8
142	Area Coverage Vs Event Detection in Mixed Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11791-11796.	0.4	0
143	Machine learning competition in immunology â€" Prediction of HLA class I binding peptides. Journal of Immunological Methods, 2011, 374, 1-4.	1.4	53
144	On the optimal search neighborhood in Mixed Wireless Sensor Networks. , 2011, , .		2

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145	Fault Tolerant Fingerprint-Based Positioning. , 2011, , .		10
146	On-line optimization and control of the buffer sizes in a cellular network communication system. , 2011, , .		0
147	Exploiting Mobility for Efficient Coverage in Sparse Wireless Sensor Networks. Wireless Personal Communications, 2010, 54, 187-201.	2.7	25
148	On-line control of the threshold policy parameter for multiclass systems. Automatica, 2010, 46, 528-536.	5.0	2
149	Distributed Dynamic Resource Allocation in Tandem Networks. , 2010, , .		1
150	Perturbation Analysis and Optimization of Stochastic Hybrid Systems. European Journal of Control, 2010, 16, 642-661.	2.6	95
151	A Nephelometric Turbidity System for Monitoring Residential Drinking Water Quality. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 43-55.	0.3	19
152	A Fault Diagnosis and Security Framework for Water Systems. IEEE Transactions on Control Systems Technology, 2010, 18, 1254-1265.	5.2	75
153	Event localization using sensor networks for sources with non-circular footprint. , 2010, , .		2
154	Intelligent Health Monitoring of Critical Infrastructure Systems. , 2010, , .		3
155	Fault tolerant detection and tracking of multiple sources in WSNs using binary data. , 2009, , .		5
156	Collaborative Pairwise Detection Schemes for Improving Coverage in WSNs. , 2009, , .		2
157	A Survey on Routing Techniques Supporting Mobility in Sensor Networks. , 2009, , .		37
158	Indoor Localization Using Neural Networks with Location Fingerprints. Lecture Notes in Computer Science, 2009, , 954-963.	1.3	32
159	Distributed collaborative path planning in sensor networks with multiple mobile sensor nodes. , 2009, , .		4
160	Fault Tolerant Maximum Likelihood Event Localization in Sensor Networks Using Binary Data. IEEE Signal Processing Letters, 2009, 16, 406-409.	3.6	17
161	SNAP: Fault Tolerant Event Location Estimation in Sensor Networks Using Binary Data. IEEE Transactions on Computers, 2009, 58, 1185-1197.	3.4	43
162	Collaborative Area Monitoring Using Wireless Sensor Networks with Stationary and Mobile Nodes. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.7	24

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163	Buffer Control Techniques for QoS Provisioning in Wireless Networks. , 2009, , 157-182.		0
164	Design and analysis of a fault isolation scheme for a class of uncertain nonlinear systems. Annual Reviews in Control, 2008, 32, 107-121.	7.9	58
165	Part one: The Statistical Terminal Assisted Mobile Positioning methodology and architecture. Computer Communications, 2008, 31, 1126-1137.	5.1	3
166	CRUISE research activities toward ubiquitous intelligent sensing environments. IEEE Wireless Communications, 2008, 15, 52-60.	9.0	5
167	On Evaluating SFM-Based Infinitesimal Perturbation Analysis Estimates From Discrete Event System Data. IEEE Transactions on Automatic Control, 2008, 53, 560-565.	5.7	3
168	IPA for delay threshold violation using stochastic fluid models. , 2008, , .		2
169	Perturbation analysis of stochastic fluid models with respect to the fluid arrival process. International Journal of Control, 2008, 81, 1253-1265.	1.9	2
170	Fault tolerant event localization in sensor networks using binary data. , 2008, , .		0
171	Exploiting Spatial Correlation for Improving Coverage in Sensor Networks. , 2007, , .		3
172	Optimization of discrete event system parameters using SFM-based infinitesimal perturbation analysis estimates. , 2007, , .		6
173	A fault detection and isolation scheme for nonlinear uncertain discrete-time sytems. , 2007, , .		15
174	Event detection using sensor networks: A case for a hybrid detector. , 2007, , .		0
175	Subtract on Negative Add on Positive (SNAP) Estimation Algorithm for Sensor Networks. , 2007, , .		7
176	Collaborative event detection using mobile and stationary nodes in sensor networks. , 2007, , .		16
177	Perturbation analysis for Stochastic Fluid Models with respect to parameters of the fluid arrival process. , 2007, , .		2
178	GEN02-6: Dynamic Control and Optimization of Buffer Size in Multiclass Wireless Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
179	Event Source Position Estimation Using Sensor Networks. , 2006, , .		2
180	Infinitesimal Perturbation Analysis and Optimization for Make-to-Stock Manufacturing Systems Based on Stochastic Fluid Models. Discrete Event Dynamic Systems: Theory and Applications, 2006, 16, 109-142.	1.5	23

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181	Event Detection Using Sensor Networks. , 2006, , .		12
182	Inventory Control for Supply Chains with Service Level Constraints: A Synergy between Large Deviations and Perturbation Analysis. Annals of Operations Research, 2004, 126, 231-258.	4.1	30
183	Perturbation Analysis of Multiclass Stochastic Fluid Models. Discrete Event Dynamic Systems: Theory and Applications, 2004, 14, 267-307.	1.5	37
184	Perturbation Analysis and Optimization of Stochastic Flow Networks. IEEE Transactions on Automatic Control, 2004, 49, 2143-2159.	5.7	36
185	Infinitesimal perturbation analysis for make-to-stock manufacturing systems based on stochastic fluid models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 237-242.	0.4	2
186	Perturbation analysis and control of two-class stochastic fluid models for communication networks. IEEE Transactions on Automatic Control, 2003, 48, 770-782.	5.7	67
187	Perturbation analysis for online control and optimization of stochastic fluid models. IEEE Transactions on Automatic Control, 2002, 47, 1234-1248.	5.7	157
188	Online IPA Gradient Estimators in Stochastic Continuous Fluid Models. Journal of Optimization Theory and Applications, 2002, 115, 369-405.	1.5	63
189	A sample path approach for solving the ground-holding policy problem in air traffic control. IEEE Transactions on Control Systems Technology, 2001, 9, 510-523.	5.2	17
190	On the convergence rate of ordinal optimization for a class of stochastic discrete resource allocation problems. IEEE Transactions on Automatic Control, 2000, 45, 588-591.	5.7	8
191	Optimization of kanban-based manufacturing systems. Automatica, 1999, 35, 1521-1533.	5.0	32
192	Concurrent Sample Path Analysis of Discrete Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 1999, 9, 171-195.	1.5	24
193	Ordinal optimization for a class of deterministic and stochastic discrete resource allocation problems. IEEE Transactions on Automatic Control, 1998, 43, 881-900.	5.7	45