

Luca Schenato

List of Publications by Citations

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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.

193
papers

6,500
citations

30
h-index

78
g-index

224
ext. papers

8,003
ext. citations

4.1
avg, IF

6.18
L-index

#	Paper	IF	Citations
193	Kalman filtering with intermittent observations. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 1453-1464	14.3	1524
192	Foundations of Control and Estimation Over Lossy Networks. <i>Proceedings of the IEEE</i> , 2007 , 95, 163-187	14.3	818
191	Distributed Kalman filtering based on consensus strategies. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 622-633	14.2	332
190	Optimal Estimation in Networked Control Systems Subject to Random Delay and Packet Drop. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 1311-1317	5.9	289
189	Average TimeSynch: A consensus-based protocol for clock synchronization in wireless sensor networks. <i>Automatica</i> , 2011 , 47, 1878-1886	5.7	287
188	Distributed control applications within sensor networks. <i>Proceedings of the IEEE</i> , 2003 , 91, 1235-1246	14.3	228
187	Flapping flight for biomimetic robotic insects: part I-system modeling 2006 , 22, 776-788		211
186	To Zero or to Hold Control Inputs With Lossy Links?. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1093-1099	5.9	178
185	Flapping flight for biomimetic robotic insects: part II-flight control design 2006 , 22, 789-803		175
184	A distributed consensus protocol for clock synchronization in wireless sensor network 2007 ,		106
183	A Review of Distributed Fibre Optic Sensors for Geo-Hydrological Applications. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 896	2.6	94
182	Identification of power distribution network topology via voltage correlation analysis 2013 ,		94
181	Tracking and Coordination of Multiple Agents Using Sensor Networks: System Design, Algorithms and Experiments. <i>Proceedings of the IEEE</i> , 2007 , 95, 234-254	14.3	88
180	Newton-Raphson Consensus for Distributed Convex Optimization. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 994-1009	5.9	83
179	Optimal Synchronization for Networks of Noisy Double Integrators. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 1146-1152	5.9	74
178	A Survey on Distributed Estimation and Control Applications Using Linear Consensus Algorithms. <i>Lecture Notes in Control and Information Sciences</i> , 2010 , 75-107	0.5	63
177	Optimal linear LQG control over lossy networks without packet acknowledgment. <i>Asian Journal of Control</i> , 2008 , 10, 3-13	1.7	56

176	Distributed optical fibre sensing for early detection of shallow landslides triggering. <i>Scientific Reports</i> , 2017 , 7, 14686	4.9	53
175	Information fusion strategies and performance bounds in packet-drop networks. <i>Automatica</i> , 2011 , 47, 1304-1316	5.7	49
174	Consensus-based distributed sensor calibration and least-square parameter identification in WSNs. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 176-193	3.6	45
173	Lighting control with distributed wireless sensing and actuation for daylight and occupancy adaptation. <i>Energy and Buildings</i> , 2015 , 97, 13-20	7	44
172	Newton-Raphson consensus for distributed convex optimization 2011 ,		43
171	Optimal control with unreliable communication: the TCP case		43
170	Optimal estimation in networked control systems subject to random delay and packet loss 2006 ,		41
169	Bayesian linear state estimation using smart meters and PMUs measurements in distribution grids 2014 ,		39
168	Distributed Source Seeking via a Circular Formation of Agents Under Communication Constraints. <i>IEEE Transactions on Control of Network Systems</i> , 2016 , 3, 104-115	4	37
167	A web-based platform for automatic and continuous landslide monitoring: The Rotolon (Eastern Italian Alps) case study. <i>Computers and Geosciences</i> , 2014 , 63, 96-105	4.5	33
166	An Asynchronous Consensus-Based Algorithm for Estimation From Noisy Relative Measurements. <i>IEEE Transactions on Control of Network Systems</i> , 2014 , 1, 283-295	4	33
165	Attitude control for a micromechanical flying insect via sensor output feedback. <i>IEEE Transactions on Automation Science and Engineering</i> , 2004 , 20, 93-106		32
164	Personal lighting control with occupancy and daylight adaptation. <i>Energy and Buildings</i> , 2015 , 105, 263-272		31
163	Kalman filtering with intermittent observations		30
162	Multi-temporal LiDAR-DTMs as a tool for modelling a complex landslide: a case study in the Rotolon catchment (eastern Italian Alps). <i>Natural Hazards and Earth System Sciences</i> , 2015 , 15, 715-722	3.9	29
161	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2011 , 5, 691-706	7.5	29
160	Distributed statistical estimation of the number of nodes in sensor networks 2010 ,		29
159	A PI Consensus Controller for Networked Clocks Synchronization. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 10289-10294		29

158	Distributed Cardinality Estimation in Anonymous Networks. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 645-659	5.9	27
157	Distributed perimeter patrolling and tracking for camera networks 2010 ,		27
156	The "Wireless Sensor Networks for City-Wide Ambient Intelligence (WISE-WAI)" Project. <i>Sensors</i> , 2009 , 9, 4056-82	3.8	27
155	Fiber optic sensor for hydrostatic pressure and temperature measurement in riverbanks monitoring. <i>Optics and Laser Technology</i> , 2016 , 82, 57-62	4.2	26
154	Distributed Kalman filtering using consensus strategies 2007 ,		26
153	An LQG Optimal Linear Controller for Control Systems with Packet Losses		26
152	Adaptive Proportional-Integral Clock Synchronization in Wireless Sensor Networks. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 610-623	4.8	25
151	Optimal sensor fusion for distributed sensors subject to random delay and packet loss 2007 ,		25
150	Swarm Coordination for Pursuit Evasion Games using Sensor Networks		24
149	. <i>IEEE Transactions on Control of Network Systems</i> , 2014 , 1, 204-217	4	23
148	A Data-Driven Daylight Estimation Approach to Lighting Control. <i>IEEE Access</i> , 2017 , 5, 21461-21471	3.5	22
147	Polarized Brillouin Amplification in Randomly Birefringent and Unidirectionally Spun Fibers. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 1420-1422	2.2	22
146	Distributed strain measurements in a CFA pile using high spatial resolution fibre optic sensors. <i>Engineering Structures</i> , 2018 , 160, 554-565	4.7	20
145	Analysis of Newton-Raphson consensus for multi-agent convex optimization under asynchronous and lossy communications 2015 ,		20
144	Optimal Linear LQG Control Over Lossy Networks Without Packet Acknowledgment 2006 ,		20
143	Time varying optimal control with packet losses 2004 ,		17
142	Multirobot Symmetric Formations for Gradient and Hessian Estimation With Application to Source Seeking. <i>IEEE Transactions on Robotics</i> , 2019 , 35, 782-789	6.5	16
141	Highly Sensitive FBG Pressure Sensor Based on a 3D-Printed Transducer. <i>Journal of Lightwave Technology</i> , 2019 , 37, 4784-4790	4	16

140	Distributed partitioning strategies for perimeter patrolling 2011 ,		16
139	Unimpaired phase-sensitive amplification by vector four-wave mixing near the zero-dispersion frequency. <i>Optics Express</i> , 2007 , 15, 2178-89	3.3	16
138	Asynchronous Newton-Raphson Consensus for Distributed Convex Optimization*. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 133-138		15
137	Four-wave mixing in a rapidly-spun fiber. <i>Optics Express</i> , 2006 , 14, 8516-34	3.3	15
136	Distributed parametric and nonparametric regression with on-line performance bounds computation. <i>Automatica</i> , 2012 , 48, 2468-2481	5.7	14
135	Attitude Estimation of a Biologically Inspired Robotic Housefly via Multimodal Sensor Fusion. <i>Advanced Robotics</i> , 2009 , 23, 955-977	1.7	14
134	Flight control system for a micromechanical flying insect: architecture and implementation		14
133	An Optical Fiber Distributed Pressure Sensing Cable With Pa-Sensitivity and Enhanced Spatial Resolution. <i>IEEE Sensors Journal</i> , 2020 , 20, 5900-5908	4	13
132	Adaptive control-based clock synchronization in wireless sensor networks 2015 ,		13
131	Distributed multi-hop reactive power compensation in smart micro-grids subject to saturation constraints 2012 ,		13
130	Reflectometric measurement of birefringence rotation in single-mode optical fibers. <i>Optics Letters</i> , 2008 , 33, 2284-6	3	13
129	Simplified phenomenological model for randomly birefringent strongly spun fibers. <i>Optics Letters</i> , 2006 , 31, 2275-7	3	13
128	Virtual insect flight simulator (VIFS): a software testbed for insect flight		13
127	A Distributed Method for Linear Programming Problems With Box Constraints and Time-Varying Inequalities 2019 , 3, 404-409		13
126	Average TimeSync: a consensus-based protocol for time synchronization in wireless sensor networks1. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 30-35		12
125	Distributed Polarization-Mode-Dispersion Measurement in Fiber Links by Polarization-Sensitive Reflectometric Techniques. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 1944-1946	2.2	12
124	Multimodal sensor fusion for attitude estimation of micromechanical flying insects: A geometric approach 2008 ,		12
123	Experimental Evaluation of an Industrial Application Layer Protocol Over Wireless Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2007 , 3, 275-288	11.9	12

122	On the Role of Phasor Measurement Units for Distribution System State Estimation 2014 ,		11
121	Fiber optic sensors for precursory acoustic signals detection in rockfall events. <i>Journal of the European Optical Society-Rapid Publications</i> , 2012 , 7,	2.5	11
120	Multidimensional Newton-Raphson consensus for distributed convex optimization 2012 ,		11
119	Polarization properties of randomly-birefringent spun fibers. <i>Optical Fiber Technology</i> , 2006 , 12, 205-216.	2.4	11
118	Application of a high resolution distributed temperature sensor in a physical model reproducing subsurface water flow. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 98, 321-324	4.6	10
117	Feedback Control Over Lossy SNR-Limited Channels: Linear EncoderDecoderController Design. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3054-3061	5.9	10
116	Trust Estimation in autonomic networks: a statistical mechanics approach 2009 ,		10
115	Controllability issues in flapping flight for biomimetic micro aerial vehicles (MAVs)		10
114	A Robust Block-Jacobi Algorithm for Quadratic Programming under Lossy Communications. <i>IFAC-PapersOnLine</i> , 2015 , 48, 126-131	0.7	9
113	Distributed quadratic programming under asynchronous and lossy communications via Newton-Raphson consensus 2015 ,		9
112	Multi-agent perimeter patrolling subject to mobility constraints 2012 ,		9
111	Fundamental and Random Birefringence Limitations to Delay in Slow Light Fiber Parametric Amplification. <i>Journal of Lightwave Technology</i> , 2008 , 26, 3721-3726	4	9
110	Multiagent NewtonRaphson Optimization Over Lossy Networks. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2983-2990	5.9	9
109	LQG-like control of scalar systems over communication channels: The role of data losses, delays and SNR limitations. <i>Automatica</i> , 2014 , 50, 3155-3163	5.7	8
108	Asynchronous Distributed Optimization Over Lossy Networks via Relaxed ADMM: Stability and Linear Convergence. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2620-2635	5.9	8
107	Hands-On Experience of Crowdsourcing for Flood Risks. An Android Mobile Application Tested in Frederikssund, Denmark. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
106	Composite Anchors for Slope Stabilisation: Monitoring of their In-Situ Behaviour with Optical Fibre. <i>Geosciences (Switzerland)</i> , 2019 , 9, 240	2.7	7
105	Multi-agents adaptive estimation and coverage control using Gaussian regression 2015 ,		7

104	LQG cheap control over SNR-limited lossy channels with delay 2013 ,		7
103	Remote estimation subject to packet loss and quantization noise 2013 ,		7
102	Decentralized task assignment in camera networks 2010 ,		7
101	Attitude Stabilization of a Biologically Inspired Robotic Housefly via Dynamic Multimodal Attitude Estimation. <i>Advanced Robotics</i> , 2009 , 23, 2113-2138	1.7	7
100	Polarized Backward Raman Amplification in Unidirectionally Spun Fibers. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 27-29	2.2	7
99	Biomimetic sensor suite for flight control of a micromechanical flying insect: design and experimental results		7
98	Process variation analysis for MEMS design 2001 ,		7
97	A Rugged FBG-Based Pressure Sensor for Water Level Monitoring in Dikes. <i>IEEE Sensors Journal</i> , 2021 , 21, 13263-13271	4	7
96	New Perspectives in Landslide Displacement Detection Using Sentinel-1 Datasets. <i>Remote Sensing</i> , 2019 , 11, 2135	5	7
95	Classification of Occupancy Sensor Anomalies in Connected Indoor Lighting Systems. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7175-7182	10.7	6
94	Time-Critical Wireless Networked Embedded Systems: Feasibility and Experimental Assessment. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7732-7742	11.9	6
93	Average Consensus with Asynchronous Updates and Unreliable Communication. <i>IFAC-PapersOnLine</i> , 2017 , 50, 601-606	0.7	6
92	Consensus-based source-seeking with a circular formation of agents 2013 ,		6
91	Optimal rendezvous control for randomized communication topologies 2006 ,		6
90	Stokes-space derivations of generalized Schrodinger equations for wave propagation in various fibers. <i>Optics Express</i> , 2007 , 15, 10964-83	3.3	6
89	LQG CONTROL WITH MISSING OBSERVATION AND CONTROL PACKETS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 1-6		6
88	Hovering flight control of a micromechanical flying insect		6
87	Safe Distributed Control of Wireless Power Transfer Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1267-1275	10.7	6

86	Distributed Optimization over Lossy Networks via Relaxed Peaceman-Rachford Splitting: a Robust ADMM Approach 2018 ,		6
85	Distributed Multi-Agent Gaussian Regression via Finite-Dimensional Approximations. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2098-2111	13.3	5
84	2017 ,		5
83	Evaluating data quality collected by volunteers for first-level inspection of hydraulic structures in mountain catchments. <i>Natural Hazards and Earth System Sciences</i> , 2014 , 14, 2681-2698	3.9	5
82	Distributed consensus-based Bayesian estimation: sufficient conditions for performance characterization 2010 ,		5
81	Single-Pump Parametric Amplification in Randomly Birefringent Unidirectionally Spun Fibers. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 73-75	2.2	5
80	Gossip algorithms for distributed ranking 2011 ,		5
79	. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 854-856	2.2	5
78	Information fusion strategies from distributed filters in packet-drop networks 2008 ,		5
77	The Rotolon Catchment Early-Warning System 2015 , 91-95		5
76	Smart Grid State Estimation with PMUs Time Synchronization Errors. <i>Energies</i> , 2020 , 13, 5148	3.1	5
75	Cooperative Aerial Load Transportation via Sampled Communication 2020 , 4, 277-282		5
74	A distributed optimal power management system for microgrids with plug&play capabilities. <i>Advanced Control for Applications</i> , 2021 , 3,	0.9	5
73	Asynchronous Distributed Camera Network Patrolling Under Unreliable Communication. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5982-5989	5.9	4
72	Linear encoder-decoder-controller design over channels with packet loss and quantization noise 2015 ,		4
71	LQG cheap control subject to packet loss and SNR limitations 2013 ,		4
70	About the Differential Group Delay of Spun Fibers. <i>Journal of Lightwave Technology</i> , 2008 , 26, 3660-3668		4
69	Partition-based multi-agent optimization in the presence of lossy and asynchronous communication. <i>Automatica</i> , 2020 , 111, 108648	5.7	4

68	. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2952-2965	4.9	4
67	SNR-triggered Communication Rate for LQG Control over Wi-Fi 2018 ,		4
66	Is ADMM always faster than Average Consensus?. <i>Automatica</i> , 2018 , 91, 311-315	5.7	3
65	Drive-by-Wi-Fi: testing 1 kHz control experiments over wireless 2019 ,		3
64	Sensor fusion and estimation strategies for data traffic reduction in rooted wireless sensor networks 2008 ,		3
63	Influence of the birefringence autocorrelation function on the polarization mode dispersion of constantly spun fibers. <i>Optics Letters</i> , 2007 , 32, 3236-8	3	3
62	Effects of spin inaccuracy on PMD reduction in spun fibers. <i>Journal of Lightwave Technology</i> , 2005 , 23, 4184-4191	4	3
61	A mobile application to engage citizens and volunteers. Crowdsourcing within natural hazard. <i>Rendiconti Online Societa Geologica Italiana</i> , 42, 70-72		3
60	Adaptive transmission rate for LQG control over Wi-Fi: A cross-layer approach. <i>Automatica</i> , 2020 , 119, 109092	5.7	3
59	A Monitoring Network to Map and Assess Landslide Activity in a Highly Anthropized Area. <i>Geosciences (Switzerland)</i> , 2016 , 6, 40	2.7	3
58	An identification approach to lighting control 2016 ,		3
57	A Partition-Based Implementation of the Relaxed ADMM for Distributed Convex Optimization over Lossy Networks 2018 ,		3
56	Anomalous occupancy sensor behavior detection in connected indoor lighting systems 2019 ,		2
55	On the use of OFDR for high-spatial resolution strain measurements in mechanical and geotechnical engineering 2018 ,		2
54	A variation of the Newton-Bepys problem and its connections to size-estimation problems. <i>Statistics and Probability Letters</i> , 2013 , 83, 1472-1478	0.6	2
53	Landslides Inventory and Trans-boundary Risk Management in Koshi River Basin, Himalaya. <i>Springer Geography</i> , 2017 , 409-426	0.4	2
52	Feasibility of crack monitoring in a road tunnel based on a low cost plastic optical fiber sensor 2015 ,		2
51	Consensus based estimation of anonymous networks size using Bernoulli trials 2012 ,		2

50	Interrogation of multiple ferrule-top-cantilever sensors for acoustic emission sensing 2013 ,		2
49	Characterization of a novel dual-core elliptical hollow optical fiber with wavelength decreasing differential group delay. <i>Optics Express</i> , 2010 , 18, 20344-9	3.3	2
48	Unidirectionally spun fibers for efficient narrow-band parametric amplification 2009 ,		2
47	On the discardability of data in support vector classification problems 2011 ,		2
46	On the Graph Building Problem in Camera Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 299-304		2
45	Narrow Band Optical Parametric Amplification for Slow Light in Randomly Birefringent Fibers 2008 ,		2
44	Optical parametric amplification for slow light in random birefringence fibers 2007 ,		2
43	Polarization Mode Dispersion Management Using Unidirectionally Spun Fibers. <i>Journal of Lightwave Technology</i> , 2006 , 24, 3976-3981	4	2
42	Low polarization mode dispersion measurements in ad hoc drawn spun fibers. <i>Optical Fiber Technology</i> , 2006 , 12, 323-327	2.4	2
41	A Hierarchical Multiple-Target Tracking Algorithm for Sensor Networks		2
40	Design and field testing of a fiber optic pressure sensor for underground water level monitoring 2019 ,		2
39	Multi temporal LiDAR-DTMs as a tool for modelling a complex landslide: a case study in the Rotolon catchment (Eastern Italian Alps)		2
38	Embedded systems for timecritical applications over Wi-Fi: design and experimental assessment 2019 ,		2
37	Multidisciplinary Analysis and Modelling of a River Embankment Affected by Piping. <i>Lecture Notes in Civil Engineering</i> , 2019 , 234-244	0.3	2
36	Reference Governor for Constrained Control Over Lossy Channels 2020 , 4, 271-276		2
35	. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-12	4.8	2
34	High density distributed strain sensing of landslide in large scale physical model 2017 ,		1
33	Distributed Control of Wireless Power Transfer Subject to Safety Constraints. <i>IFAC-PapersOnLine</i> , 2017 , 50, 13210-13215	0.7	1

32	Centralized lighting control with luminaire-based occupancy and light sensing 2015,		1
31	Heavy-tails in Kalman filtering with packet losses. <i>European Journal of Control</i> , 2019 , 50, 62-71	2.5	1
30	Auto-tuning procedures for distributed nonparametric regression algorithms 2015,		1
29	The convergence rate of Newton-Raphson consensus optimization for quadratic cost functions 2012,		1
28	Distributed function and time delay estimation using nonparametric techniques 2009,		1
27	Design, estimation and experimental validation of optical Polarization Mode Dispersion Compensator in 40 Gbit/s NRZ and RZ optical systems. <i>Optical Fiber Technology</i> , 2009 , 15, 242-250	2.4	1
26	Simultaneous distributed estimation and classification in sensor networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 281-286		1
25	Reflectometric Characterization of Hinges in Fiber Optic Links 2008,		1
24	Fundamental limit of the achievable time delay in Slow-light NB-OPA 2008,		1
23	Stimulated Brillouin scattering in randomly birefringent, unidirectionally spun fibers 2008,		1
22	To zero or to hold control inputs in lossy networked control systems? 2007,		1
21	1 kHz Remote Control of a Balancing Robot with Wi-Fi-in-the-Loop. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2614-2619		1
20	Mathematical modelling of SigE regulatory network reveals new insights into bistability of mycobacterial stress response. <i>BMC Bioinformatics</i> , 2021 , 22, 558	3.6	1
19	Accelerated Probabilistic Power Flow in Electrical Distribution Networks via Model Order Reduction and Neumann Series Expansion. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	1
18	An optical fibre cable for distributed pressure sensing: a proof of concept 2019,		1
17	An optical fiber-based monitoring system to study the seepage flow below the landside toe of a river levee. <i>Journal of Civil Structural Health Monitoring</i> , 2021 , 11, 691-705	2.9	1
16	Analysis of a Minimal Gene Regulatory Network for Cell Differentiation 2019 , 3, 302-307		1
15	Heavy-tails in Kalman filtering with packet losses: confidence bounds vs second moment stability 2018,		1

14	Finding potential support vectors in separable classification problems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1799-813	10.3	o
13	Polarization control for slow and fast light in fiber optical, Raman-assisted, parametric amplification. <i>Comptes Rendus Physique</i> , 2009 , 10, 980-990	1.4	o
12	Model-Free Radio Map Estimation in Massive MIMO Systems via Semi-Parametric Gaussian Regression. <i>IEEE Wireless Communications Letters</i> , 2022 , 11, 473-477	5.9	o
11	Remote MPC for Tracking Over Lossy Networks 2022 , 6, 1040-1045		o
10	Transmission power allocation for remote estimation with multi-packet reception capabilities. <i>Automatica</i> , 2022 , 140, 110257	5.7	o
9	Distributed Kalman filtering for Time-Space Gaussian Processes. <i>IFAC-PapersOnLine</i> , 2017 , 50, 13234-13239		o
8	Modeling and Design of Low-PMD Spun Fibers. <i>Fiber and Integrated Optics</i> , 2008 , 27, 216-222	0.8	
7	Experimental justification of a method for low-PMD measurements. <i>IEEE Photonics Technology Letters</i> , 2006 , 18, 1228-1230	2.2	
6	Monitoring the Foundation Soil of an Existing Levee Using Distributed Temperature Fiber Optic Sensors. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018 , 677-680	0.1	
5	From Sensor to Processing Networks: Optimal Estimation with Computation and Communication Latency. <i>IFAC-PapersOnLine</i> , 2020 , 53, 11024-11031	0.7	
4	Ganderberg Landslide Characterization Through Monitoring 2015 , 1327-1331		
3	Disaster Risk Reduction in Italy: A Case History of a High-Risk Landslide. <i>Lecture Notes in Civil Engineering</i> , 2022 , 161-174	0.3	
2	On the Use of Optical Fiber Sensors for Debris Flow Monitoring: A Review of Recent Achievements. <i>Lecture Notes in Civil Engineering</i> , 2022 , 60-70	0.3	
1	A novel bound on the convergence rate of ADMM for distributed optimization. <i>Automatica</i> , 2022 , 110403-7	3.7	