

Miloš S Stanković

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,515
citations

567281

15
h-index

361022

35
g-index

80
all docs

80
docs citations

80
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Seeking of Nash Equilibria With Applications to Mobile Sensor Networks. IEEE Transactions on Automatic Control, 2012, 57, 904-919.	5.7	217
2	Lie bracket approximation of extremum seeking systems. Automatica, 2013, 49, 1538-1552.	5.0	161
3	Consensus based overlapping decentralized estimation with missing observations and communication faults. Automatica, 2009, 45, 1397-1406.	5.0	160
4	Decentralized Parameter Estimation by Consensus Based Stochastic Approximation. IEEE Transactions on Automatic Control, 2011, 56, 531-543.	5.7	119
5	Consensus Based Overlapping Decentralized Estimator. IEEE Transactions on Automatic Control, 2009, 54, 410-415.	5.7	111
6	Extremum seeking under stochastic noise and applications to mobile sensors. Automatica, 2010, 46, 1243-1251.	5.0	95
7	Tuning Machine Learning Models Using a Group Search Firefly Algorithm for Credit Card Fraud Detection. Mathematics, 2022, 10, 2272.	2.2	65
8	A Distributed Support Vector Machine Learning Over Wireless Sensor Networks. IEEE Transactions on Cybernetics, 2015, 45, 2599-2611.	9.5	41
9	Discrete time extremum seeking by autonomous vehicles in a stochastic environment. , 2009, , .		35
10	Decentralized parameter estimation by consensus based stochastic approximation. , 2007, , .		33
11	Consensus based overlapping decentralized fault detection and isolation. , 2010, , .		32
12	Adaptive Consensus-Based Distributed Target Tracking in Sensor Networks With Limited Sensing Range. IEEE Transactions on Control Systems Technology, 2014, 22, 778-785.	5.2	29
13	Distributed seeking of Nash equilibria in mobile sensor networks. , 2010, , .		28
14	Distributed Change Detection Based on a Consensus Algorithm. IEEE Transactions on Signal Processing, 2011, 59, 5686-5697.	5.3	27
15	Stochastic extremum seeking with applications to mobile sensor networks. , 2009, , .		24
16	Distributed Blind Calibration in Lossy Sensor Networks via Output Synchronization. IEEE Transactions on Automatic Control, 2015, 60, 3257-3262.	5.7	24
17	Extremum seeking on submanifolds in the Euclidian space. Automatica, 2014, 50, 2591-2596.	5.0	23
18	Distributed time synchronization for networks with random delays and measurement noise. Automatica, 2018, 93, 126-137.	5.0	22

#	ARTICLE	IF	CITATIONS
19	Distributed positioning of autonomous mobile sensors with application to coverage control. , 2011, , .		21
20	Distributed Stochastic Approximation: Weak Convergence and Network Design. IEEE Transactions on Automatic Control, 2016, 61, 4069-4074.	5.7	20
21	Asynchronous Distributed Blind Calibration of Sensor Networks Under Noisy Measurements. IEEE Transactions on Control of Network Systems, 2018, 5, 571-582.	3.7	17
22	Consensus-based decentralized real-time identification of large-scale systems. Automatica, 2015, 60, 219-226.	5.0	14
23	Multi-agent temporal-difference learning with linear function approximation: Weak convergence under time-varying network topologies. , 2016, , .		14
24	Obstacle avoidance for an extremum seeking system using a navigation function. , 2013, , .		12
25	Consensus based distributed change detection using Generalized Likelihood Ratio methodology. Signal Processing, 2012, 92, 1715-1728.	3.7	11
26	On Consensus-Based Distributed Blind Calibration of Sensor Networks. Sensors, 2018, 18, 4027.	3.8	10
27	Distributed Time Synchronization in Lossy Wireless Sensor Networks*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 25-30.	0.4	9
28	Distributed Value Function Approximation for Collaborative Multiagent Reinforcement Learning. IEEE Transactions on Control of Network Systems, 2021, 8, 1270-1280.	3.7	9
29	Consensus-based distributed adaptive target tracking in camera networks using Integrated Probabilistic Data Association. Eurasip Journal on Advances in Signal Processing, 2018, 2018, .	1.7	8
30	A Lie Bracket Approximation for Extremum Seeking Vehicles. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11393-11398.	0.4	7
31	Big Data and development of smart city: System architecture and practical public safety example. Serbian Journal of Electrical Engineering, 2020, 17, 337-355.	0.4	7
32	Distributed calibration for sensor networks under communication errors and measurement noise. , 2012, , .		6
33	Distributed macro calibration in sensor networks. , 2012, , .		6
34	Multi-agent reinforcement learning. , 2016, , .		6
35	Nonlinear robustified stochastic consensus seeking. Systems and Control Letters, 2020, 139, 104667.	2.3	6
36	Consensus Based Overlapping Decentralized Estimator. Proceedings of the American Control Conference, 2007, , .	0.0	5

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37	Distributed target tracking in sensor networks using multi-step consensus. IET Radar, Sonar and Navigation, 2018, 12, 998-1004.	1.8	5
38	Adaptive Consensus-Based Distributed System for Multisensor Multitarget Tracking. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2164-2179.	4.7	5
39	Deep Learning Based SWIR Object Detection in Long-Range Surveillance Systems: An Automated Cross-Spectral Approach. Sensors, 2022, 22, 2562.	3.8	5
40	A consensus based overlapping decentralized estimator in lossy networks: Stability and denoising effects. , 2008, , .		4
41	Parameter-invariant detection of unknown inputs in networked systems. , 2013, , .		4
42	Distributed Spectrum Management in Cognitive Radio Networks by Consensus-Based Reinforcement Learning. Sensors, 2021, 21, 2970.	3.8	4
43	Distributed Consensus-Based Multi-Agent Off-Policy Temporal-Difference Learning. , 2021, , .		4
44	Consensus Based Overlapping Decentralized Estimation With Missing Observations and Communication Faults. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 9338-9343.	0.4	3
45	Decentralized overlapping tracking control of a formation of autonomous unmanned vehicles. , 2009, , .		3
46	Decentralized consensus based control methodology for vehicle formations in air and deep space. , 2010, , .		3
47	Consensus based overlapping decentralized observer for fault detection and isolation. , 2010, , .		3
48	Examples of distance-based synchronization: An extremum seeking approach. , 2013, , .		3
49	Entity identification and security solutions in IoT based on PKI and Blockchain technology. , 2020, , .		3
50	Consensus based multi-agent control structures. , 2008, , .		2
51	Decentralized identification for errors-in-variables systems based on a consensus algorithm. , 2011, , .		2
52	Distributed drift estimation for time synchronization in lossy networks. , 2016, , .		2
53	Extremum Seeking Control with Two-Sided Stochastic Perturbations. SIAM Journal on Control and Optimization, 2018, 56, 3766-3783.	2.1	2
54	Object tracking in thermal imaging using kernelized correlation filters. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	On Stochastic Extremum Seeking via Adaptive Perturbationâ€‘Demodulation Loop. Journal of Optimization Theory and Applications, 2018, 179, 1008-1024.	1.5	2
56	A Robust Consensus Seeking Algorithm. , 2019, , .		2
57	Robust Nonlinear Consensus Seeking. , 2019, , .		2
58	Distributed Gradient Temporal Difference Off-policy Learning With Eligibility Traces: Weak Convergence. IFAC-PapersOnLine, 2020, 53, 1563-1568.	0.9	2
59	Distributed Change Detection Based on a Consensus Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 203-208.	0.4	1
60	Distributed mobility and power control for noncooperative robotic ad hoc and sensor networks. , 2011, , .		1
61	Adaptive sensor networks for consensus based distributed estimation. , 2012, , .		1
62	Decentralized overlapping tracking control. International Journal of General Systems, 2014, 43, 282-293.	2.5	1
63	Distributed consensus based IPDAF for tracking in vision networks. , 2016, , .		1
64	Distributed Offset Correction for Time Synchronization in Networks with Random Delays. , 2018, , .		1
65	Deep Learning in Video Stabilization Homography Estimation. , 2018, , .		1
66	Deep Features in Correlation Filters for Thermal Image Tracking. , 2018, , .		1
67	On globally stable adaptive control providing l_1 tracking performance for linear discrete-time systems. International Journal of Control, 2019, 92, 404-415.	1.9	1
68	A consensus-based distributed calibration algorithm for sensor networks. Serbian Journal of Electrical Engineering, 2016, 13, 111-132.	0.4	1
69	Cooperative Multi-Agent Reinforcement Learning for Spectrum Management in IoT Cognitive Networks. , 2020, , .		1
70	Physical Layer Communication Security in Smart Cities: Challenges and Threats Identification. , 2021, , .		1
71	Distributed Actor-Critic Learning Using Emphatic Weightings. , 2022, , .		1
72	Informative Vector Machines for Text Categorization. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
73	Consensus based distributed change detection using Generalized Likelihood Ratio Methodology. , 2011, , .		0
74	Cooperative networked systems. , 2012, , .		0
75	Learning from data using support vector machines. Facta Universitatis - Series Electronics and Energetics, 2003, 16, 305-316.	0.9	0
76	An application of decentralized estimation in a fault detection problem. Serbian Journal of Electrical Engineering, 2009, 6, 373-387.	0.4	0
77	Consensus Based Multi-Agent Control Algorithms. , 2010, , 197-218.		0
78	Consensus-Based Distributed Multitarget Tracking with Probabilistic Track-to-Track Association. , 2020, , .		0
79	Application of deep learning algorithms and architectures in the new generation of mobile networks. Serbian Journal of Electrical Engineering, 2021, 18, 397-426.	0.4	0