Shaoshuai Mou

List of Publications by Year
in descending order

38	1,664	361413 20	395702 33
papers	citations	h-index	g-index

38	38	38	1325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Policies for risk-aware sensor data collection by mobile agents. Automatica, 2022, 142, 110391.	5.0	1
2	Inverse optimal control from incomplete trajectory observations. International Journal of Robotics Research, 2021, 40, 848-865.	8.5	24
3	Distributed Algorithm with Resilience for Multi-Agent Task Allocation. , 2021, , .		1
4	Distributed inverse optimal control. Automatica, 2021, 129, 109658.	5.0	9
5	Towards Resilience for Multi-Agent QD-Learning. , 2021, , .		5
6	Scalable, Distributed Algorithms for Solving Linear Equations via Double-Layered Networks. IEEE Transactions on Automatic Control, 2020, 65, 1132-1143.	5.7	21
7	Finite-Time Distributed Linear Equation Solver for Solutions With Minimum l_1-Norm. IEEE Transactions on Automatic Control, 2020, 65, 1691-1696.	5.7	13
8	Vision Paper: Grand Challenges in Resilience: Autonomous System Resilience through Design and Runtime Measures. IEEE Open Journal of the Computer Society, 2020, 1, 155-172.	7.8	14
9	More Consensus is not always Beneficial. , 2020, , .		0
10	A Discrete-time Distributed Algorithm for Minimum l1-Norm Solution of an Under-determined Linear Equation Set. IFAC-PapersOnLine, 2020, 53, 3278-3285.	0.9	1
11	Inverse Optimal Control for Multiphase Cost Functions. IEEE Transactions on Robotics, 2019, 35, 1387-1398.	10.3	29
12	A Distributed Algorithm for Least Squares Solutions. IEEE Transactions on Automatic Control, 2019, 64, 4217-4222.	5.7	47
13	Solving a system of linear equations: From centralized to distributed algorithms. Annual Reviews in Control, 2019, 47, 306-322.	7.9	49
14	Resilience for Consensus-based Distributed Algorithms in Hostile Environmentâ€. , 2019, , .		0
15	Distributed Multi-Agent Reinforcement Learning by Actor-Critic Method. IFAC-PapersOnLine, 2019, 52, 363-368.	0.9	11
16	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2019, 27, 1587-1601.	9.8	285
17	Asynchronous Distributed Algorithms for Solving Linear Algebraic Equations. IEEE Transactions on Automatic Control, 2018, 63, 372-385.	5.7	58
18	Conservation and decay laws in distributed coordination control systems. Automatica, 2018, 87, 1-7.	5.0	15

#	Article	IF	Citations
19	Request-based gossiping without deadlocks. Automatica, 2018, 93, 454-461.	5.0	6
20	Adaptive Fuzzy Observer Design for a Class of Switched Nonlinear Systems With Actuator and Sensor Faults. IEEE Transactions on Fuzzy Systems, 2018, 26, 3730-3742.	9.8	60
21	Rigid Motions of 3-D Undirected Formations With Mismatch Between Desired Distances. IEEE Transactions on Automatic Control, 2017, 62, 4151-4158.	5.7	20
22	Improvement of a Distributed Algorithm for Solving Linear Equations. IEEE Transactions on Industrial Electronics, 2017, 64, 3113-3117.	7.9	42
23	Eigenvalue Invariance of Inhomogeneous Matrix Products in Distributed Algorithms. , 2017, , 1-1.		3
24	Distributed Averaging Using Periodic Gossiping. IEEE Transactions on Automatic Control, 2017, 62, 4282-4289.	5.7	22
25	Robustness issues in double-integrator undirected rigid formation systems. IFAC-PapersOnLine, 2017, 50, 1334-1339.	0.9	2
26	Exponential stability for formation control systems with generalized controllers: A unified approach. Systems and Control Letters, 2016, 93, 50-57.	2.3	108
27	Multi-Timer Based Event Synchronization Control for Sensor Networks and Its Application. IEEE Transactions on Industrial Electronics, 2016, 63, 7765-7775.	7.9	31
28	Finite time distributed distanceâ€constrained shape stabilization and flocking control for dâ€dimensional undirected rigid formations. International Journal of Robust and Nonlinear Control, 2016, 26, 2824-2844.	3.7	38
29	Decentralized gradient algorithm for solution of a linear equation. Numerical Algebra, Control and Optimization, 2016, 6, 319-328.	1.6	70
30	Formation Tracking Based on Target Points**This work is supported by National Natural Science Foundation (NNS- F) of China under Grant 61473099 and 61333001.. IFAC-PapersOnLine, 2015, 48, 921-926.	0.9	1
31	A Distributed Algorithm for Solving a Linear Algebraic Equation. IEEE Transactions on Automatic Control, 2015, 60, 2863-2878.	5.7	196
32	Target-point formation control. Automatica, 2015, 61, 113-118.	5.0	33
33	Distributed Averaging Using Compensation. IEEE Communications Letters, 2013, 17, 1672-1675.	4.1	11
34	Deterministic Gossiping. Proceedings of the IEEE, 2011, 99, 1505-1524.	21.3	88
35	Asymptotic stability analysis of neural networks with successive time delay components. Neurocomputing, 2008, 71, 2848-2856.	5.9	75
36	State estimation for discrete-time neural networks with time-varying delays. Neurocomputing, 2008, 72, 643-647.	5.9	62

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37	A New Criterion of Delay-Dependent Asymptotic Stability for Hopfield Neural Networks With Time Delay. IEEE Transactions on Neural Networks, 2008, 19, 532-535.	4.2	194
38	Further improvement on synchronization stability of complex networks with coupling delays. International Journal of Computer Mathematics, 2008, 85, 1255-1263.	1.8	19