Xin Yuan

List of Publications by Year
in descending order

11 papers	121 citations	1684188 5 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	188 citing authors

#	Article	IF	Citations
1	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. IEEE Transactions on Cybernetics, 2019, 49, 4206-4218.	9.5	56
2	Performance Characterization of Machine-to-Machine Networks With Energy Harvesting and Social-Aware Relays. IEEE Access, 2017, 5, 13297-13307.	4.2	15
3	Event-triggered receding horizon control via actor-critic design. Science China Information Sciences, 2020, 63, 1.	4.3	14
4	Connectivity of UAV Swarms in 3D Spherical Spaces Under (Un)Intentional Ground Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 8792-8804.	6.3	12
5	Combination of support vector regression (SVR) and microwave plasma atomic emission spectrometry (MWP-AES) for quantitative elemental analysis in solid samples using the continuous direct solid sampling (CDSS) technique. Journal of Analytical Atomic Spectrometry, 2018, 33, 1954-1961.	3.0	8
6	Solver–Critic: A Reinforcement Learning Method for Discrete-Time-Constrained-Input Systems. IEEE Transactions on Cybernetics, 2021, 51, 5619-5630.	9.5	4
7	Action Mapping: A Reinforcement Learning Method for Constrained-Input Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-13.	11.3	4
8	Trust connectivity analysis in overlaid unmanned aerial vehicle networks. , 2017, , .		3
9	Waveform Optimization for MIMO Joint Communication and Radio Sensing Systems with Imperfect Channel Feedbacks. , 2020, , .		3
10	Information density–based energy-limited capacity of ad hoc networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877324.	2.2	1
11	Neighbor Q‐learning based consensus control for discrete‐time multi‐agent systems. Optimal Control Applications and Methods, 2023, 44, 1475-1490.	2.1	1