

# Jing Wu

## List of Publications by Year in descending order

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49  
papers

1,297  
citations

430874

18  
h-index

361022

35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Networked Control Systems With Packet Dropouts. IEEE Transactions on Automatic Control, 2007, 52, 1314-1319.	5.7	421
2	Delay-dependent robust stability and control for jump linear systems with delays. Systems and Control Letters, 2006, 55, 939-948.	2.3	92
3	Reactance Perturbation for Detecting and Identifying FDI Attacks in Power System State Estimation. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 763-776.	10.8	71
4	Coordinated Energy Dispatch of Autonomous Microgrids With Distributed MPC Optimization. IEEE Transactions on Industrial Informatics, 2019, 15, 5289-5298.	11.3	49
5	Distributed MPC for Coordinated Energy Efficiency Utilization in Microgrid Systems. IEEE Transactions on Smart Grid, 2019, 10, 1781-1790.	9.0	47
6	Financially Motivated FDI on SCED in Real-Time Electricity Markets: Attacks and Mitigation. IEEE Transactions on Smart Grid, 2019, 10, 1949-1959.	9.0	47
7	Dynamic State Recovery for Cyber-Physical Systems Under Switching Location Attacks. IEEE Transactions on Control of Network Systems, 2017, 4, 14-22.	3.7	46
8	Electric Vehicles En-Route Charging Navigation Systems: Joint Charging and Routing Optimization. IEEE Transactions on Control Systems Technology, 2019, 27, 906-914.	5.2	45
9	D2D-Enabled Mobile-Edge Computation Offloading for Multiuser IoT Network. IEEE Internet of Things Journal, 2021, 8, 12490-12504.	8.7	37
10	The Convergence of IoE and Blockchain: Security Challenges. IT Professional, 2019, 21, 26-32.	1.5	31
11	A Blockchain-Based Hybrid Incentive Model for Crowdsensing. Electronics (Switzerland), 2020, 9, 215.	3.1	31
12	Local stability of REM algorithm with time-varying delays. IEEE Communications Letters, 2003, 7, 142-144.	4.1	29
13	Joint Admittance Perturbation and Meter Protection for Mitigating Stealthy FDI Attacks Against Power System State Estimation. IEEE Transactions on Power Systems, 2020, 35, 1468-1478.	6.5	28
14	A Blockchain-Based Multidomain Authentication Scheme for Conditional Privacy Preserving in Vehicular Ad-Hoc Network. IEEE Internet of Things Journal, 2022, 9, 8078-8090.	8.7	28
15	Mitigation of circulating currents for proportional current sharing and voltage stability of isolated DC microgrid. Electric Power Systems Research, 2020, 180, 106123.	3.6	26
16	On Designing Context-Aware Trust Model and Service Delegation for Social Internet of Things. IEEE Internet of Things Journal, 2021, 8, 4775-4787.	8.7	26
17	Trust Management for Internet of Things: A Comprehensive Study. IEEE Internet of Things Journal, 2022, 9, 7664-7679.	8.7	24
18	Energy-Optimal Collision-Free Motion Planning for Multiaxis Motion Systems: An Alternating Quadratic Programming Approach. IEEE Transactions on Automation Science and Engineering, 2019, 16, 327-338.	5.2	21

#	ARTICLE	IF	CITATIONS
19	Ubiquitous and Low Power Vehicles Speed Monitoring for Intelligent Transport Systems. IEEE Sensors Journal, 2020, 20, 5656-5665.	4.7	19
20	Controllability and observability of CPSs under networked adversarial attacks. IET Control Theory and Applications, 2017, 11, 1596-1602.	2.1	16
21	P-FAD: Real-Time Face Detection Scheme on Embedded Smart Cameras. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 210-222.	3.6	15
22	Resilient guaranteed cost control for uncertain discrete linear jump systems. International Journal of Systems Science, 2003, 34, 283-292.	5.5	13
23	Hierarchical Coordination of Two-Time Scale Microgrids With Supply-Demand Imbalance. IEEE Transactions on Smart Grid, 2020, 11, 3726-3736.	9.0	13
24	Block-SMPC. , 2020, , .		12
25	Blockchain-Enabled Trust Management in Service-Oriented Internet of Things: Opportunities and Challenges. , 2021, , .		9
26	SPRCA: Distributed Multisource Information Propagation in Multichannel VANETs. IEEE Transactions on Vehicular Technology, 2017, 66, 11306-11316.	6.3	8
27	On the structural controllability of distributed systems with local structure changes. Science China Information Sciences, 2018, 61, 1.	4.3	8
28	Mitigate the Obstructing Effect of Vehicles on the Propagation of VANETs Safety-Related Information. IEEE Transactions on Vehicular Technology, 2018, 67, 5558-5569.	6.3	7
29	STOCHASTIC STABILIZATION AND H <sub>2</sub> CONTROL FOR DISCRETE JUMPING SYSTEMS WITH TIME DELAYS. Asian Journal of Control, 2008, 7, 223-230.	3.0	6
30	Reactance perturbation for enhancing detection of FDI attacks in power system state estimation. , 2017, , .		6
31	Zone model predictive control for pressure management of water distribution network. Asian Journal of Control, 2020, 22, 1522-1536.	3.0	6
32	A Full-Process Optimization-Based Background Subtraction for Moving Object Detection on General-Purpose Embedded Devices. IEEE Transactions on Consumer Electronics, 2021, 67, 129-140.	3.6	6
33	A Hierarchical Trust Management Architecture Based on Blockchain for Crossover Service. , 2020, , .		6
34	Enhancing Trust Management via Blockchain in Social Internet of Things. , 2020, , .		6
35	Event-triggered distributed model predictive control with optimal network topology. International Journal of Robust and Nonlinear Control, 2020, 30, 2186-2203.	3.7	5
36	Structural controllability of networked systems with general heterogeneous subsystems. Asian Journal of Control, 2022, 24, 1321-1332.	3.0	5

#	ARTICLE	IF	CITATIONS
37	A Bidirectional Trust Model for Service Delegation in Social Internet of Things. Future Internet, 2022, 14, 135.	3.8	5
38	An event-trigger two-stage architecture for voltage control in distribution systems. International Journal of Electrical Power and Energy Systems, 2018, 95, 577-584.	5.5	4
39	Wiener model of pressure management for water distribution network. International Journal of Modelling, Identification and Control, 2018, 30, 73.	0.2	4
40	Distributed zone MPC of pressure management for water distribution network systems. IET Control Theory and Applications, 2019, 13, 1704-1717.	2.1	4
41	Multi-level model predictive controller with satisfactory optimization for multi-level converters. Simulation Modelling Practice and Theory, 2019, 92, 1-16.	3.8	4
42	A Blockchain-based Cross-domain Authentication for Conditional Privacy Preserving in Vehicular Ad-hoc Network. , 2021, , .		3
43	MobiDIV: A Privacy-Aware Real-Time Driver Identity Verification on Mobile Phone. IEEE Internet of Things Journal, 2022, 9, 2802-2816.	8.7	3
44	Enhanced distributed MPC design for efficiency utility of autonomous multi-microgrids. , 2017, , .		2
45	Hybrid Modelling of Distributed Water Supply Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 111-116.	0.4	1
46	Cyber topology design guaranteed structural controllability for networked systems. Science China Information Sciences, 2022, 65, 1.	4.3	1
47	Facilitating Development of Higher Education Informatization Using Blockchain Technology. , 2022, , .		1
48	Coordinated Energy Scheduling for Autonomous Microgrids Based on Multi-layer Control Architecture. , 2019, , .		0
49	HCov: A Target Attention-based Filter Pruning with Retaining High-Covariance Feature Map. , 2021, , .		0