

# Yang Lu

## List of Publications by Year in descending order

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33  
papers

583  
citations

759233

12  
h-index

888059

17  
g-index

33  
all docs

33  
docs citations

33  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Energy Efficiency in Secure MISO SWIPT Systems With Non-Linear Power-Splitting EH Model. IEEE Journal on Selected Areas in Communications, 2019, 37, 216-232.	14.0	88
2	Energy Efficiency in Secure IRS-Aided SWIPT. IEEE Wireless Communications Letters, 2020, 9, 1884-1888.	5.0	76
3	Energy Efficiency With Proportional Rate Fairness in Multirelay OFDM Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 1431-1447.	14.0	71
4	Robust Transmit Beamforming With Artificial Redundant Signals for Secure SWIPT System Under Non-Linear EH Model. IEEE Transactions on Wireless Communications, 2018, 17, 2218-2232.	9.2	53
5	Joint Coordinated Beamforming and Power Splitting Ratio Optimization in MU-MISO SWIPT-Enabled HetNets: A Multi-Agent DDQN-Based Approach. IEEE Journal on Selected Areas in Communications, 2022, 40, 677-693.	14.0	36
6	Average AoI Minimization in UAV-Assisted Data Collection With RF Wireless Power Transfer: A Deep Reinforcement Learning Scheme. IEEE Internet of Things Journal, 2022, 9, 5216-5228.	8.7	35
7	Coordinated Beamforming With Artificial Noise for Secure SWIPT Under Non-Linear EH Model: Centralized and Distributed Designs. IEEE Journal on Selected Areas in Communications, 2018, 36, 1544-1563.	14.0	30
8	Achievable Information Rate in Hybrid VLC-RF Networks With Lighting Energy Harvesting. IEEE Transactions on Communications, 2021, 69, 6852-6864.	7.8	30
9	UAV-Aided Wireless Power Transfer and Data Collection in Rician Fading. IEEE Journal on Selected Areas in Communications, 2021, 39, 3097-3113.	14.0	22
10	The Effect of Power Adjustment on Handover in High-Speed Railway Communication Networks. IEEE Access, 2017, 5, 26237-26250.	4.2	20
11	SWIPT-Enabled Full-Duplex NOMA Networks With Full and Partial CSI. IEEE Transactions on Green Communications and Networking, 2020, 4, 804-818.	5.5	19
12	Secrecy Energy Efficiency in Multi-Antenna SWIPT Networks With Dual-Layer PS Receivers. IEEE Transactions on Wireless Communications, 2020, 19, 4290-4306.	9.2	16
13	Online Transmission Policy in Wireless Powered Networks with Urgency-aware Age of Information. , 2019, , .		11
14	Energy-Efficient Resource Allocation in OFDM Relay Networks under Proportional Rate Constraints. , 2016, , .		10
15	Worst-Case Energy Efficiency in Secure SWIPT Networks With Rate-Splitting ID and Power-Splitting EH Receivers. IEEE Transactions on Wireless Communications, 2022, 21, 1870-1885.	9.2	10
16	Enhanced MAC Protocol for Voice Communication in IEEE 802.11 WLAN. , 2007, , .		6
17	GOP-level bit allocation using reverse dynamic programming. Tsinghua Science and Technology, 2009, 14, 183-188.	6.1	6
18	AoI Penalty in Wireless-Powered Status Update Networks. IEEE Internet of Things Journal, 2022, 9, 474-484.	8.7	6

#	ARTICLE	IF	CITATIONS
19	Optimal coordinated beamforming with artificial noise for secure transmission in multi-cell multi-user networks. , 2017, , .		5
20	Inverse Reinforcement Learning Meets Power Allocation in Multi-user Cellular Networks. , 2022, , .		5
21	SWIPT-Enabled NOMA Networks with Full-Duplex Relaying. , 2018, , .		4
22	Secrecy Energy Efficiency in Cognitive Radio Networks With Untrusted Secondary Users. IEEE Transactions on Green Communications and Networking, 2021, 5, 216-230.	5.5	4
23	Age-constrained Energy Minimization in UAV-Assisted Wireless Powered Sensor Networks: A DQN-based Approach. , 2021, , .		4
24	Deploying Multiple Antennas on High-Speed Trains: Equidistant Strategy vs. Fixed-Interval Strategy. , 2016, , .		3
25	SWIPT for MISO Wiretap Networks: Channel Uncertainties and Nonlinear Energy Harvesting Features. , 2017, , .		3
26	Enhancing the Handover Performance in Heterogeneous High-speed Railway Communication Networks: A Bayesian-based Method. , 2021, , .		3
27	Secrecy Energy Efficiency in SWIPT Networks with Two-Layer Power-Splitting Receiver. , 2018, , .		2
28	Robust Energy-Efficient Beamforming in MISO Networks with Dynamic Energy Consumption Model. , 2019, , .		2
29	Spectrum Sharing in UAV-Assisted HetNet Based on CMB-AM Multi-Agent Deep Reinforcement Learning. , 2022, , .		2
30	Power Minimization in Wireless Powered Fog Computing Networks with Binary Offloading. Communications in Computer and Information Science, 2020, , 126-139.	0.5	1
31	Energy Efficient Wireless Scalable Video Streaming with Optimal Transmission Rate Adaptation and Unequal Error Protection. , 2006, , .		0
32	Rate control for low delay H.264/AVC transmission over channels with burst error. , 2006, , .		0
33	Energy-Efficient Secure Coordinated Beamforming in Multi-Pair MISO Networks with CDI. , 2021, , .		0