

# Hieu V Nguyen

## List of Publications by Year in descending order

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all docs

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times ranked

434  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Energy Efficiency Maximization of NOMA-Aided Downlink Networks With Dynamic User Pairing. IEEE Access, 2022, 10, 35131-35145.	4.2	2
2	UAV-Assisted Secure Communications in Terrestrial Cognitive Radio Networks: Joint Power Control and 3D Trajectory Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 3298-3313.	6.3	20
3	Rate Fairness and Power Consumption Optimization for NOMA-Assisted Downlink Networks. Energies, 2021, 14, 58.	3.1	8
4	Optimization of Rate Fairness in Multi-Pair Wireless-Powered Relaying Systems. IEEE Communications Letters, 2020, 24, 603-607.	4.1	2
5	A Survey on Non-Orthogonal Multiple Access: From the Perspective of Spectral Efficiency and Energy Efficiency. Energies, 2020, 13, 4106.	3.1	23
6	On the Spectral and Energy Efficiencies of Full-Duplex Cell-Free Massive MIMO. IEEE Journal on Selected Areas in Communications, 2020, 38, 1698-1718.	14.0	64
7	In-Band Full-Duplex Relaying for SWIPT-Enabled Cognitive Radio Networks. Electronics (Switzerland), 2020, 9, 835.	3.1	3
8	A Novel Heap-based Pilot Assignment for Full Duplex Cell-Free Massive MIMO with Zero-Forcing. , 2020, , .		8
9	Joint Power Control and User Association for NOMA-Based Full-Duplex Systems. IEEE Transactions on Communications, 2019, 67, 8037-8055.	7.8	50
10	Robust Joint Optimization of Transmit Power and Decoding Order in Uplink NOMA Systems. Electronics (Switzerland), 2019, 8, 930.	3.1	1
11	Device-to-Device Communications Underlying an Uplink SCMA System. IEEE Access, 2019, 7, 21756-21768.	4.2	18
12	Optimal User Pairing for Achieving Rate Fairness in Downlink NOMA Networks. , 2019, , .		18
13	UAV-Enabled Jamming Noise for Achieving Secure Communications in Cognitive Radio Networks. , 2019, , .		15
14	Joint Antenna Array Mode Selection and User Assignment for Full-Duplex MU-MISO Systems. IEEE Transactions on Wireless Communications, 2019, 18, 2946-2963.	9.2	22
15	A Novel Spectral-Efficient Resource Allocation Approach for NOMA-Based Full-Duplex Systems. , 2019, , .		0
16	SWIPT-Assisted Device-to-Device Communications Underlying a Cellular System. , 2019, , .		1
17	Uplink training for pilot decontamination in a multiceli massive MIMO system. , 2018, , .		2
18	Spectral Efficiency Maximization for D2D Communications Underlying a Cellular System. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Uplink training with pilot optimisation for multicell massive multiple-input multiple-output systems. IET Communications, 2018, 12, 1778-1787.	2.2	2
20	A New Design Paradigm for Secure Full-Duplex Multiuser Systems. IEEE Journal on Selected Areas in Communications, 2018, 36, 1480-1498.	14.0	49
21	On the Design of Secure Full-Duplex Multiuser Systems under User Grouping Method. , 2018, , .		1
22	Low-Complexity Precoding for Sum Rate Maximization in Downlink Massive MIMO Systems. IEEE Wireless Communications Letters, 2017, 6, 186-189.	5.0	12
23	Joint Beamforming and Antenna Selection for Sum Rate Maximization in Cognitive Radio Networks. IEEE Communications Letters, 2017, 21, 1369-1372.	4.1	8
24	Spectral Efficiency of Full-Duplex Multi-user System: Beamforming Design, User Grouping, and Time Allocation. IEEE Access, 2017, 5, 5785-5797.	4.2	26
25	Joint NOMA beamforming and user scheduling for sum rate maximization in a full-duplex system. , 2017, , .		4
26	Sum Rate Maximization Based on Sub-Array Antenna Selection in a Full-Duplex System. , 2017, , .		6
27	Sum rate maximization for full duplex wireless-powered communication networks. , 2016, , .		3
28	A Convex optimization for sum rate maximization in a MIMO cognitive radio network. , 2016, , .		2
29	Uplink training for multicell massive multiple-input multiple-output systems: a combination of time-shifted and time-aligned pilot approaches. IET Communications, 2016, 10, 2499-2506.	2.2	2
30	An Efficient Zero-Forcing Precoding Design for Cognitive MIMO Broadcast Channels. IEEE Communications Letters, 2016, 20, 1575-1578.	4.1	12
31	Channel Estimation and Data Detection for Multicell Massive MIMO Systems in Correlated Channels. Wireless Personal Communications, 2016, 86, 1857-1877.	2.7	5
32	Optimization of resource allocation for underlay device-to-device communications in cellular networks. Peer-to-Peer Networking and Applications, 2016, 9, 965-977.	3.9	13
33	Wireless Energy Harvesting for Cognitive Multihop Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 613165.	2.2	6
34	Resource allocation optimization for device-to-device communications in cellular networks. , 2014, , .		7
35	Study on fall detection based on intelligent video analysis. , 2012, , .		11