

# Yongqiang Hei

## List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Spectral Efficiency Tradeoff in DCO-OFDM Visible Light Communication System. IEEE Transactions on Vehicular Technology, 2019, 68, 9872-9882.	6.3	19
2	Energy and spectral efficiency tradeoff in massive MIMO systems with multi-objective adaptive genetic algorithm. Soft Computing, 2019, 23, 7163-7179.	3.6	15
3	Optimization of Multiuser MIMO Cooperative Spectrum Sensing in Cognitive Radio Networks. Cognitive Computation, 2015, 7, 359-368.	5.2	12
4	Novel scheduling strategy for downlink multiuser MIMO system: Particle swarm optimization. Science in China Series F: Information Sciences, 2009, 52, 2279-2289.	1.1	10
5	Energy-Efficient Hybrid Precoding for mmWave MIMO Systems With Phase Modulation Array. IEEE Transactions on Green Communications and Networking, 2020, 4, 678-688.	5.5	9
6	Optimization of Non-convex Cooperative Spectrum Sensing with Modified Artificial Bee Colony Algorithm. , 2014, , .		8
7	Energy efficiency optimisation of large-scale multiple-input-multiple-output system with transmit antenna selection. IET Communications, 2017, 11, 1224-1229.	2.2	7
8	Improved TKM-TR methods for PAPR reduction of DCO-OFDM visible light communications. Optics Express, 2017, 25, 24448.	3.4	7
9	Optimization of multiband cooperative spectrum sensing with particle swarm optimization. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3226.	3.9	6
10	CNN Based Hybrid Precoding for MmWave MIMO Systems With Adaptive Switching Module and Phase Modulation Array. IEEE Transactions on Wireless Communications, 2022, 21, 10489-10501.	9.2	5
11	Energy- and Spectral- Efficiency Tradeoff in Nonlinear OFDM System of Visible Light Communications. Journal of Lightwave Technology, 2022, 40, 1921-1929.	4.6	4
12	Efficient Taguchi algorithm for cognitive radio spectrum allocation. Transactions on Emerging Telecommunications Technologies, 2016, 27, 640-647.	3.9	2
13	Joint sensing and power allocation in wideband cognitive radio networks. Telecommunication Systems, 2016, 62, 375-386.	2.5	1