

# Huy-Dung Han

## List of Publications by Year in descending order

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29  
papers

193  
citations

1684188

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h-index

1372567

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g-index

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29  
docs citations

29  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Power Control and Load Balancing for Uplink Cell-Free Multi-User Massive MIMO. IEEE Access, 2018, 6, 14462-14473.	4.2	65
2	Real-Time Monitoring and Analysis of Zebrafish Electrocardiogram with Anomaly Detection. Sensors, 2018, 18, 61.	3.8	24
3	Investigation of Methods to Extract Fetal Electrocardiogram from the Mother's Abdominal Signal in Practical Scenarios. Technologies, 2020, 8, 33.	5.1	21
4	A low cost mobile ECG monitoring device using two active dry electrodes. , 2016, , .		12
5	Cross-Layer Chase Combining With Selective Retransmission, Analysis, and Throughput Optimization for OFDM Systems. IEEE Transactions on Communications, 2016, 64, 2311-2325.	7.8	9
6	Home-based mobile fetal/maternal electrocardiogram acquisition and extraction with cloud assistance. , 2019, 2019, .		7
7	Optimization of Spirulina sp. cultivation using reinforcement learning with state prediction based on LSTM neural network. Journal of Applied Phycology, 2021, 33, 2733-2744.	2.8	7
8	ElectroMyography Acquisition System Using Graphene-based e-Textiles. , 2019, , .		6
9	A blind channel shortening criterion based on high-order cumulants. , 2010, , .		5
10	A Convex Relaxation Approach to Higher-Order Statistical Approaches to Signal Recovery. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	5
11	A 14-W 94%-Efficient Hybrid DC-DC Converter with Advanced Bootstrap Gate Drivers for Smart Home LED Applications. , 2018, , .		5
12	Pilot decontamination for multi-cell massive MIMO systems using asynchronous pilot design and data-aided channel estimation. Physical Communication, 2018, 30, 76-85.	2.1	5
13	Implementation of an OFDM system based on the TMS320C6416 DSP. , 2009, , .		4
14	Predistortion and nonlinear detection for OFDM signals in the presence of nonlinear high power amplification. European Transactions on Telecommunications, 2007, 18, 411-418.	1.2	3
15	On Steepest Descent Adaptation: A Novel Batch Implementation of Blind Equalization Algorithms. , 2010, , .		3
16	Detection of Pilot Contamination Attack for Frequency Selective Channels. IEEE Access, 2020, 8, 123966-123978.	4.2	3
17	Joint transmission using global codeword and codebook design for coordinated multipoint processing (CoMP). , 2012, , .		2
18	LQG Regulator for Control Moment Gyroscope based Balancing System. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Channel Constrained Multiple Selective Retransmissions for OFDM System: BER and Throughput Analysis. IEEE Access, 2019, 7, 4317-4326.	4.2	2
20	A Convex Optimization Approach to Blind Channel Shortening in Multicarrier Modulations. , 2009, , .		1
21	Pilot Decontamination using Time-shifted Pilot and Data-aided Channel Estimation for Massive MIMO. , 2018, , .		1
22	A Bandwidth Efficient Design of IM/DD Optical OFDM. , 2009, , .		1
23	Outage Analysis for Downlink Single-cell Massive MIMO system under Per-user Power Control. , 2018, , .		0
24	MD-Link: A portable ECG monitoring device with active dry electrodes and its validation. , 2019, , .		0
25	A Loop Control Design to Achieve Boundary Conduction Mode in DC-DC Power Converter for Maximizing Efficiency. , 2019, , .		0
26	Testing MD-Link, a Low-Cost Mobile Electrocardiography Monitoring Device, in Patients With Irregular Heartbeat: Protocol for a Cross-Sectional Study. JMIR Research Protocols, 2019, 8, e2.	1.0	0
27	Deep Learning Based Hyperspectral Images Analysis for Shrimp Contaminated Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 195-205.	0.3	0
28	Leveraging Expert Knowledge for Label Noise Mitigation in Machine Learning. Applied Sciences (Switzerland), 2021, 11, 11040.	2.5	0
29	Wireless Wearable ElectroMyography Acquisition System Utilizing Reduced-Graphene-Oxide Based Sensor. , 2021, , .		0