

Huy-Dung Han

List of Publications by Year in descending order

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29
papers

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citations

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247
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#	ARTICLE	IF	CITATIONS
1	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
2	Leveraging Expert Knowledge for Label Noise Mitigation in Machine Learning. Applied Sciences (Switzerland), 2021, 11, 11040.	2.5	0
3	Wireless Wearable ElectroMyography Acquisition System Utilizing Reduced-Graphene-Oxide Based Sensor. , 2021, , .		0
4	Detection of Pilot Contamination Attack for Frequency Selective Channels. IEEE Access, 2020, 8, 123966-123978.	4.2	3
5	Investigation of Methods to Extract Fetal Electrocardiogram from the Mother's Abdominal Signal in Practical Scenarios. Technologies, 2020, 8, 33.	5.1	21
6	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
7	Home-based mobile fetal/maternal electrocardiogram acquisition and extraction with cloud assistance. , 2019, 2019, .		7
8	MD-Link: A portable ECG monitoring device with active dry electrodes and its validation. , 2019, , .		0
9	A Loop Control Design to Achieve Boundary Conduction Mode in DC-DC Power Converter for Maximizing Efficiency. , 2019, , .		0
10	ElectroMyography Acquisition System Using Graphene-based e-Textiles. , 2019, , .		6
11	Channel Constrained Multiple Selective Retransmissions for OFDM System: BER and Throughput Analysis. IEEE Access, 2019, 7, 4317-4326.	4.2	2
12	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
13	Optimal Power Control and Load Balancing for Uplink Cell-Free Multi-User Massive MIMO. IEEE Access, 2018, 6, 14462-14473.	4.2	65
14	Pilot Decontamination using Time-shifted Pilot and Data-aided Channel Estimation for Massive MIMO. , 2018, , .		1
15	Outage Analysis for Downlink Single-cell Massive MIMO system under Per-user Power Control. , 2018, , .		0
16	LQG Regulator for Control Moment Gyroscope based Balancing System. , 2018, , .		2
17	A 14-W 94%-Efficient Hybrid DC-DC Converter with Advanced Bootstrap Gate Drivers for Smart Home LED Applications. , 2018, , .		5
18	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

#	ARTICLE	IF	CITATIONS
19	Real-Time Monitoring and Analysis of Zebrafish Electrocardiogram with Anomaly Detection. Sensors, 2018, 18, 61.	3.8	24
20	A Convex Relaxation Approach to Higher-Order Statistical Approaches to Signal Recovery. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	5
21	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
22	A low cost mobile ECG monitoring device using two active dry electrodes. , 2016, , .		12
23	Joint transmission using global codeword and codebook design for coordinated multipoint processing (CoMP). , 2012, , .		2
24	A blind channel shortening criterion based on high-order cumulants. , 2010, , .		5
25	On Steepest Descent Adaptation: A Novel Batch Implementation of Blind Equalization Algorithms. , 2010, , .		3
26	Implementation of an OFDM system based on the TMS320C6416 DSP. , 2009, , .		4
27	A Convex Optimization Approach to Blind Channel Shortening in Multicarrier Modulations. , 2009, , .		1
28	A Bandwidth Efficient Design of IM/DD Optical OFDM. , 2009, , .		1
29	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