Jun Won Choi

List of Publications by Year
in descending order

		759233	940533
30 papers	**1,094** citations	**12** h-index	**16** g-index
30 all docs	**30** docs citations	**30** times ranked	**1145** citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between Deep-Learning-Based Ultra-Wide-Field Fundus Imaging and True-Colour Confocal Scanning for Diagnosing Glaucoma. Journal of Clinical Medicine, 2022, 11, 3168.	2.4	3
2	Deep Learning-Based Beam Tracking for Millimeter-Wave Communications Under Mobility. IEEE Transactions on Communications, 2021, 69, 7458-7469.	7.8	23
3	Emotion Recognition Using a Glasses-Type Wearable Device via Multi-Channel Facial Responses. IEEE Access, 2021, 9, 146392-146403.	4.2	10
4	Efficient Beam Training and Sparse Channel Estimation for Millimeter Wave Communications Under Mobility. IEEE Transactions on Communications, 2020, 68, 6583-6596.	7.8	27
5	Estimation of Dynamically Varying Support of Sparse Signals via Sequential Monte-Carlo Method. IEEE Transactions on Signal Processing, 2020, 68, 4135-4147.	5.3	4
6	PCM: Precision-Controlled Memory System for Energy Efficient Deep Neural Network Training. , 2020, , .		10
7	Downlink Pilot Precoding and Compressed Channel Feedback for FDD-Based Cell-Free Systems. IEEE Transactions on Wireless Communications, 2020, 19, 3658-3672.	9.2	33
8	Feedback Reduction for Beyond 5G Cellular Systems. , 2019, , .		3
9	Robust Deep Multi-modal Learning Based on Gated Information Fusion Network. Lecture Notes in Computer Science, 2019, , 90-106.	1.3	18
10	Greedy Data-Aided Active User Detection for Massive Machine Type Communications. IEEE Wireless Communications Letters, 2019, 8, 1224-1227.	5.0	6
11	Enhanced Object Detection in Bird's Eye View Using 3D Global Context Inferred From Lidar Point Data. , 2019, , .		3
12	May I Cut Into Your Lane?: A Policy Network to Learn Interactive Lane Change Behavior for Autonomous Driving. , 2019, , .		5
13	Dedicated Beam-based Channel Training Technique for Millimeter Wave Communications with high Mobility. , 2018, , .		2
14	Sequence-to-Sequence Prediction of Vehicle Trajectory via LSTM Encoder-Decoder Architecture. , 2018, , .		282
15	Design of Low-Power Voltage Scalable Arithmetic Units with Perfect Timing Error Cancelation. Circuits, Systems, and Signal Processing, 2017, 36, 4309-4325.	2.0	0
16	Compressed Sensing for Wireless Communications: Useful Tips and Tricks. IEEE Communications Surveys and Tutorials, 2017, 19, 1527-1550.	39.4	246
17	Expectation-Maximization-Based Channel Estimation for Multiuser MIMO Systems. IEEE Transactions on Communications, 2017, 65, 2397-2410.	7.8	31
18	Robust Beam-Tracking for mmWave Mobile Communications. IEEE Communications Letters, 2017, 21, 2654-2657.	4.1	96

#	Article	IF	Citations
19	Channel sparsification beamforming for internet-of-things systems. , 2017, , .		3
20	Enhanced modulation classification algorithm based on Kolmogorov-Smirnov test. , 2017, , .		4
21	Deep neural network-based blind modulation classification for fading channels. , 2017, , .		17
22	Robust Automatic Modulation Classification Technique for Fading Channels via Deep Neural Network. Entropy, 2017, 19, 454.	2.2	31
23	Deep neural network-based automatic modulation classification technique. , 2016, , .		72
24	Kalman-based time-varying sparse channel estimation. , 2016, , .		0
25	Compressive sensing based pilot reduction technique for massive MIMO systems. , 2015, , .		2
26	Downlink Pilot Reduction for Massive MIMO Systems via Compressed Sensing. IEEE Communications Letters, 2015, 19, 1889-1892.	4.1	28
27	Iterative Channel Estimation Using Virtual Pilot Signals for MIMO-OFDM Systems. IEEE Transactions on Signal Processing, 2015, 63, 3032-3045.	5.3	60
28	Statistical Recovery of Simultaneously Sparse Time-Varying Signals From Multiple Measurement Vectors. IEEE Transactions on Signal Processing, 2015, 63, 6136-6148.	5.3	28
29	New approach for massive MIMO detection using sparse error recovery. , 2014, , .		20
30	Low-Power Filtering Via Minimum Power Soft Error Cancellation. IEEE Transactions on Signal Processing, 2007, 55, 5084-5096.	5.3	27