Zhijie Charles Chen

List of Publications by Year
in descending order

10 papers	454 citations	1478505 6 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	541 citing authors

#	Article	IF	Citations
1	Near-Optimal Beam Selection for Beamspace MmWave Massive MIMO Systems. IEEE Communications Letters, 2016, 20, 1054-1057.	4.1	230
2	The optoretinogram reveals the primary steps of phototransduction in the living human eye. Science Advances, 2020, 6, .	10.3	85
3	Honeycomb-shaped electro-neural interface enables cellular-scale pixels in subretinal prosthesis. Scientific Reports, 2019, 9, 10657.	3.3	49
4	Vertical-junction photodiodes for smaller pixels in retinal prostheses. Journal of Neural Engineering, 2021, 18, 036015.	3.5	24
5	On optimal coupling of the â€˜electronic photoreceptorsâ€™ into the degenerate retina. Journal of Neural Engineering, 2020, 17, 045008.	3.5	17
6	Current Distribution on Capacitive Electrode-Electrolyte Interfaces. Physical Review Applied, 2020, 13, .	3.8	15
7	Harmonic-balance circuit analysis for electro-neural interfaces. Journal of Neural Engineering, 2020, 17, 035001.	3.5	6
8	Energy-Efficient Joint Pushing and Caching Based on Markov Decision Process. IEEE Transactions on Green Communications and Networking, 2019, 3, 433-445.	5.5	5
9	Real-Time Optimization of the Current Steering for Visual Prosthesis. , 2021, , .		5
10	Proactive Caching for Energy-Efficiency in Wireless Networks: A Markov Decision Process Approach. , 2018, , .		3