

Zhijie Charles Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8476218/publications.pdf>

Version: 2024-02-01

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