

Peng Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2558029/publications.pdf>

Version: 2024-02-01

9
papers

2,261
citations

1162367

8
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

2255
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully memristive neural networks for pattern classification with unsupervised learning. Nature Electronics, 2018, 1, 137-145.	13.1	787
2	Efficient and self-adaptive in-situ learning in multilayer memristor neural networks. Nature Communications, 2018, 9, 2385.	5.8	575
3	Long short-term memory networks in memristor crossbar arrays. Nature Machine Intelligence, 2019, 1, 49-57.	8.3	288
4	Reinforcement learning with analogue memristor arrays. Nature Electronics, 2019, 2, 115-124.	13.1	247
5	In situ training of feed-forward and recurrent convolutional memristor networks. Nature Machine Intelligence, 2019, 1, 434-442.	8.3	201
6	A provable key destruction scheme based on memristive crossbar arrays. Nature Electronics, 2018, 1, 548-554.	13.1	61
7	A Low-Current and Analog Memristor with Ru as Mobile Species. Advanced Materials, 2020, 32, e1904599.	11.1	59
8	Characteristics and transport mechanisms of triple switching regimes of TaOx memristor. Applied Physics Letters, 2017, 110, .	1.5	35
9	Reset switching statistics of TaOx-based Memristor. Journal of Electroceramics, 2017, 39, 132-136.	0.8	8