

# Yang Zhang

## List of Publications by Year in descending order

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9  
papers

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citations

1163065

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1474186

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g-index

9  
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docs citations

9  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Memristive Fuzzy Deep Learning Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2224-2238.	9.8	6
2	Memristive Quantized Neural Networks: A Novel Approach to Accelerate Deep Learning On-Chip. IEEE Transactions on Cybernetics, 2021, 51, 1875-1887.	9.5	28
3	Brain-inspired computing with memristors: Challenges in devices, circuits, and systems. Applied Physics Reviews, 2020, 7, .	11.3	217
4	Hybrid CMOS-Memristive Convolutional computation for on-chip learning. Neurocomputing, 2019, 355, 48-56.	5.9	15
5	Memristor-Based Circuit Design for Multilayer Neural Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 677-686.	5.4	158
6	Synaptic Characteristics of Ag/AgInSbTe/Ta-Based Memristor for Pattern Recognition Applications. IEEE Transactions on Electron Devices, 2017, 64, 1806-1811.	3.0	87
7	Memristive Model for Synaptic Circuits. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 767-771.	3.0	103
8	A Novel Design for a Memristor-Based <math>\text{NAND}</math> Gate. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 781-785.	3.0	26
9	A Novel Design for Memristor-Based Logic Switch and Crossbar Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1402-1411.	5.4	55