

Coupled VO₂ Oscillators Circuit as Analog First Layer Fi Networks

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#	ARTICLE	IF	CITATIONS
1	How Frequency Injection Locking Can Train Oscillatory Neural Networks to Compute in Phase. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1996-2009.	7.2	21
2	Oscillatory Neural Networks Using VO ₂ Based Phase Encoded Logic. Frontiers in Neuroscience, 2021, 15, 655823.	1.4	15
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6	Mapping Hebbian Learning Rules to Coupling Resistances for Oscillatory Neural Networks. Frontiers in Neuroscience, 2021, 15, 694549.	1.4	26
7	Advanced Design Methods From Materials and Devices to Circuits for Brain-Inspired Oscillatory Neural Networks for Edge Computing. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 586-596.	2.7	9
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9	Oscillatory Neural Network as Hetero-Associative Memory for Image Edge Detection. , 2022, , .		4
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20	Two-Layered Oscillatory Neural Networks with Analog Feedforward Majority Gate for Image Edge Detection Application. , 2023, , .		1
24	BEOL-compatible $4F^2$ Single Crystalline Semiconductor Oscillator for Low-power and Large-scale Oscillatory Neural Network Hardware. , 2023, , .		0