

Joshua B Mallinson

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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8
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Avalanches and criticality in self-organized nanoscale networks. <i>Science Advances</i> , 2019, 5, eaaw8438.	10.3	68
2	Atomic Scale Dynamics Drive Brain-like Avalanches in Percolating Nanostructured Networks. <i>Nano Letters</i> , 2020, 20, 3935-3942.	9.1	46
3	Stable Self-Assembled Atomic-Switch Networks for Neuromorphic Applications. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 5194-5201.	3.0	41
4	Long-range temporal correlations in scale-free neuromorphic networks. <i>Network Neuroscience</i> , 2020, 4, 432-447.	2.6	36
5	Synaptic dynamics in complex self-assembled nanoparticle networks. <i>Faraday Discussions</i> , 2019, 213, 471-485.	3.2	24
6	Stochastic Spiking Behavior in Neuromorphic Networks Enables True Random Number Generation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52861-52870.	8.0	14
7	Self-organized nanoscale networks: are neuromorphic properties conserved in realistic device geometries?. <i>Neuromorphic Computing and Engineering</i> , 0, , .	5.9	6
8	Neuromorphic behaviour in discontinuous metal films. <i>Nanoscale Horizons</i> , 2022, 7, 437-445.	8.0	4