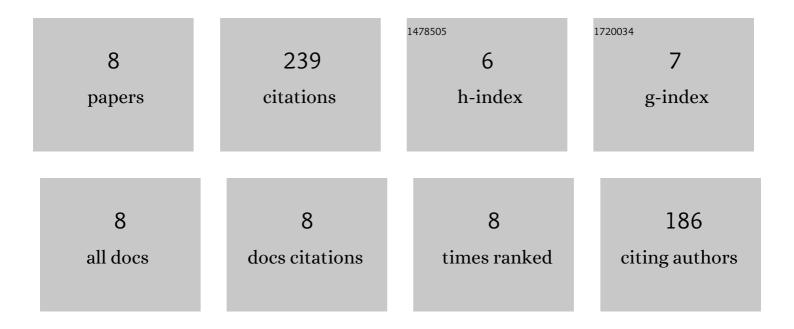
## Joshua B Mallinson

List of Publications by Year in descending order

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ΙΟΣΗΠΑ Β ΜΑΤΤΙΝΣΟΝ

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