

# Joshua B Mallinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/771019/publications.pdf>

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