

Allen T Bellew

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

550
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance of Single Ag Nanowire Junctions and Their Role in the Conductivity of Nanowire Networks. ACS Nano, 2015, 9, 11422-11429.	14.6	145
2	Emergence of winner-takes-all connectivity paths in random nanowire networks. Nature Communications, 2018, 9, 3219.	12.8	88
3	High-Performance Transparent Conductors from Networks of Gold Nanowires. Journal of Physical Chemistry Letters, 2011, 2, 3058-3062.	4.6	84
4	Manipulating Connectivity and Electrical Conductivity in Metallic Nanowire Networks. Nano Letters, 2012, 12, 5966-5971.	9.1	76
5	Ultimate conductivity performance in metallic nanowire networks. Nanoscale, 2015, 7, 13011-13016.	5.6	55
6	Programmability of nanowire networks. Nanoscale, 2014, 6, 9632-9639.	5.6	33
7	Effective Electrode Length Enhances Electrical Activation of Nanowire Networks: Experiment and Simulation. ACS Nano, 2014, 8, 9542-9549.	14.6	29
8	Poisson's ratio of individual metal nanowires. Nature Communications, 2014, 5, 4336.	12.8	28
9	Quantum point contacts and resistive switching in Ni/NiO nanowire junctions. Applied Physics Letters, 2016, 109, .	3.3	12
10	Manipulating connectivity in random nanowire networks to create evolutionary materials and devices. , 2012, , .		0