

Patrick F Flowers

List of Publications by Year in descending order

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11
papers

648
citations

1040056

9
h-index

1372567

10
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11
all docs

11
docs citations

11
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	The resistance of Cu nanowire-nanowire junctions and electro-optical modeling of Cu nanowire networks. Applied Physics Letters, 2020, 116, .	3.3	9
2	Multigram Synthesis of Cu-Ag Core-Shell Nanowires Enables the Production of a Highly Conductive Polymer Filament for 3D Printing Electronics. Particle and Particle Systems Characterization, 2018, 35, 1700385.	2.3	73
3	Emergence of winner-takes-all connectivity paths in random nanowire networks. Nature Communications, 2018, 9, 3219.	12.8	88
4	Fully Printed Memristors from Cu-SiO ₂ Core-Shell Nanowire Composites. Journal of Electronic Materials, 2017, 46, 4596-4603.	2.2	24
5	Ethylenediamine Promotes Cu Nanowire Growth by Inhibiting Oxidation of Cu(111). Journal of the American Chemical Society, 2017, 139, 277-284.	13.7	69
6	Fully printed memristors from Cu-SiO ₂ core-shell nanowire composites. , 2017, , .		0
7	Computational microwave imaging using 3D printed conductive polymer frequency-diverse metasurface antennas. IET Microwaves, Antennas and Propagation, 2017, 11, 1962-1969.	1.4	47
8	High-speed, solution-coatable memory based on Cu-SiO ₂ core-shell nanowires. Nanoscale Horizons, 2016, 1, 313-316.	8.0	13
9	Synthesis of Cu-Ag, Cu-Au, and Cu-Pt Core-Shell Nanowires and Their Use in Transparent Conducting Films. Chemistry of Materials, 2015, 27, 7788-7794.	6.7	137
10	Photocatalytic Growth of Copper Nanowires from Cu ₂ O Seeds. Chemistry of Materials, 2015, 27, 570-573.	6.7	18
11	Solution-processed copper-nickel nanowire anodes for organic solar cells. Nanoscale, 2014, 6, 5980.	5.6	170