Patrick F Flowers

List of Publications by Year
in descending order

11	648	1040056 9	1372567 10
papers	citations	h-index	g-index

11	11	11	1071
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solution-processed copperâ€“nickel nanowire anodes for organic solar cells. Nanoscale, 2014, 6, 5980.	5.6	170
2	Synthesis of Cuâ€“Ag, Cuâ€“Au, and Cuâ€“Pt Coreâ€“Shell Nanowires and Their Use in Transparent Conducting Films. Chemistry of Materials, 2015, 27, 7788-7794.	6.7	137
3	Emergence of winner-takes-all connectivity paths in random nanowire networks. Nature Communications, 2018, 9, 3219.	12.8	88
4	Multigram Synthesis of Cuâ€Ag Coreâ€“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
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	Computational microwave imaging using 3D printed conductive polymer frequencyâ€diverse metasurface antennas. IET Microwaves, Antennas and Propagation, 2017, 11, 1962-1969.	1.4	47
7	Fully Printed Memristors from Cuâ€“SiO2 Coreâ€“Shell Nanowire Composites. Journal of Electronic Materials, 2017, 46, 4596-4603.	2.2	24
8	Photocatalytic Growth of Copper Nanowires from Cu₂O Seeds. Chemistry of Materials, 2015, 27, 570-573.	6.7	18
9	High-speed, solution-coatable memory based on Cuâ€“SiO₂ coreâ€“shell nanowires. Nanoscale Horizons, 2016, 1, 313-316.	8.0	13
10	The resistance of Cu nanowireâ€“nanowire junctions and electro-optical modeling of Cu nanowire networks. Applied Physics Letters, 2020, 116, .	3.3	9
11	Fully printed memristors from Cu-SiO<inf>2</inf> core-shell nanowire composites. , 2017, , .		0