Alexandra F Paterson

List of Publications by Year
in descending order

11	1,025	840776 11	1281871 11
papers	citations	h-index	g-index

11	11	11	1793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N-Doping improves charge transport and morphology in the organic non-fullerene acceptor O-IDTBR. Journal of Materials Chemistry C, 2021, 9, 4486-4495.	5.5	17
2	Hall Effect in Polycrystalline Organic Semiconductors: The Effect of Grain Boundaries. Advanced Functional Materials, 2020, 30, 1903617.	14.9	37
3	Impact of Nonfullerene Acceptor Side Chain Variation on Transistor Mobility. Advanced Electronic Materials, 2019, 5, 1900344.	5.1	45
4	Introducing a Nonvolatile Nâ€Type Dopant Drastically Improves Electron Transport in Polymer and Smallâ€Molecule Organic Transistors. Advanced Functional Materials, 2019, 29, 1902784.	14.9	35
5	Addition of the Lewis Acid Zn(C₆F₅)₂ Enables Organic Transistors with a Maximum Hole Mobility in Excess of 20 cm² V^{â^'1} s^{â^'1}. Advanced Materials, 2019, 31, e1900871.	21.0	64
6	Impact of the Gate Dielectric on Contact Resistance in Highâ€Mobility Organic Transistors. Advanced Electronic Materials, 2019, 5, 1800723.	5.1	40
7	The Impact of Molecular pâ€Doping on Charge Transport in Highâ€Mobility Smallâ€Molecule/Polymer Blend Organic Transistors. Advanced Electronic Materials, 2018, 4, 1700464.	5.1	63
8	Accurate Extraction of Charge Carrier Mobility in 4â€Probe Fieldâ€Effect Transistors. Advanced Functional Materials, 2018, 28, 1707105.	14.9	40
9	Remarkable Enhancement of the Hole Mobility in Several Organic Smallâ€Molecules, Polymers, and Smallâ€Molecule:Polymer Blend Transistors by Simple Admixing of the Lewis Acid pâ€Dopant B(C₆F₅)₃. Advanced Science, 2018, 5, 1700290.	11.2	131
10	Enabling thin-film transistor technologies and the device metrics that matter. Nature Communications, 2018, 9, 5264.	12.8	55
11	Recent Progress in Highâ€Mobility Organic Transistors: A Reality Check. Advanced Materials, 2018, 30, e1801079.	21.0	498