

Alexandra F Paterson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9602859/alexandra-f-paterson-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

748
citations

10
h-index

11
g-index

11
ext. papers

882
ext. citations

13.5
avg, IF

4.12
L-index

#	Paper	IF	Citations
11	Recent Progress in High-Mobility Organic Transistors: A Reality Check. <i>Advanced Materials</i> , 2018 , 30, e1801079	24	358
10	Remarkable Enhancement of the Hole Mobility in Several Organic Small-Molecules, Polymers, and Small-Molecule:Polymer Blend Transistors by Simple Admixing of the Lewis Acid p-Dopant B(CF). <i>Advanced Science</i> , 2018 , 5, 1700290	13.6	104
9	The Impact of Molecular p-Doping on Charge Transport in High-Mobility Small-Molecule/Polymer Blend Organic Transistors. <i>Advanced Electronic Materials</i> , 2018 , 4, 1700464	6.4	52
8	Addition of the Lewis Acid Zn(C F) Enables Organic Transistors with a Maximum Hole Mobility in Excess of 20 cm V s. <i>Advanced Materials</i> , 2019 , 31, e1900871	24	48
7	Enabling thin-film transistor technologies and the device metrics that matter. <i>Nature Communications</i> , 2018 , 9, 5264	17.4	40
6	Impact of the Gate Dielectric on Contact Resistance in High-Mobility Organic Transistors. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800723	6.4	31
5	Accurate Extraction of Charge Carrier Mobility in 4-Probe Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2018 , 28, 1707105	15.6	30
4	Impact of Nonfullerene Acceptor Side Chain Variation on Transistor Mobility. <i>Advanced Electronic Materials</i> , 2019 , 5, 1900344	6.4	30
3	Introducing a Nonvolatile N-Type Dopant Drastically Improves Electron Transport in Polymer and Small-Molecule Organic Transistors. <i>Advanced Functional Materials</i> , 2019 , 29, 1902784	15.6	29
2	Hall Effect in Polycrystalline Organic Semiconductors: The Effect of Grain Boundaries. <i>Advanced Functional Materials</i> , 2020 , 30, 1903617	15.6	21
1	N-Doping improves charge transport and morphology in the organic non-fullerene acceptor O-IDTBR. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 4486-4495	7.1	5