

# Ashkan Abtahi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6988486/publications.pdf>

Version: 2024-02-01

11  
papers

260  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	n-type charge transport in heavily p-doped polymers. <i>Nature Materials</i> , 2021, 20, 518-524.	27.5	66
2	Surface Ligands for Methylammonium Lead Iodide Films: Surface Coverage, Energetics, and Photovoltaic Performance. <i>ACS Energy Letters</i> , 2020, 5, 799-806.	17.4	56
3	Designing $\pi$ -conjugated polymer blends with improved thermoelectric power factors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19774-19785.	10.3	34
4	Influence of Surface Ligands on Energetics at $\text{FASn}_3/\text{C}_{60}$ Interfaces and Their Impact on Photovoltaic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5209-5218.	8.0	28
5	Humidity-insensitive fabrication of efficient perovskite solar cells in ambient air. <i>Journal of Power Sources</i> , 2019, 412, 359-365.	7.8	19
6	Processing Dependent Influence of the Hole Transport Layer Ionization Energy on Methylammonium Lead Iodide Perovskite Photovoltaics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15548-15557.	8.0	17
7	Device Engineering in Organic Electrochemical Transistors toward Multifunctional Applications. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2434-2448.	4.3	16
8	Effect of Halogenation on the Energetics of Pure and Mixed Phases in Model Organic Semiconductors Composed of Anthradithiophene Derivatives and $\text{C}_{60}$ . <i>Journal of Physical Chemistry C</i> , 2018, 122, 4757-4767.	3.1	8
9	In situ crosslinking of surface-initiated ring opening metathesis polymerization of polynorbornene for improved stability. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 86-94.	9.4	7
10	Tetracyanocyclopentadienide-Based Stable Poly(aromatic) Anions. <i>ACS Macro Letters</i> , 2022, 11, 72-77.	4.8	5
11	Impact of the anion on electrochemically doped regioregular and regiorandom poly(3-hexylthiophene). <i>Journal of Polymer Science</i> , 2022, 60, 602-609.	3.8	4