

# Bao Tu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5906423/publications.pdf>

Version: 2024-02-01

16  
papers

1,511  
citations

623699

14  
h-index

940516

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecule-Dependent Nickel Oxide: Verified Charge Transfer and Planar Inverted Mixed Cation Perovskite Solar Cell. <i>Advanced Materials</i> , 2018, 30, e1800515.	21.0	287
2	Dopant-Free Small-Molecule Hole-Transporting Material for Inverted Perovskite Solar Cells with Efficiency Exceeding 21%. <i>Advanced Materials</i> , 2019, 31, e1902781.	21.0	268
3	Alkali Chlorides for the Suppression of the Interfacial Recombination in Inverted Planar Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1803872.	19.5	236
4	Novel Molecular Doping Mechanism for n-Doping of SnO <sub>2</sub> via Triphenylphosphine Oxide and Its Effect on Perovskite Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1805944.	21.0	152
5	Conjugated Polymer-Assisted Grain Boundary Passivation for Efficient Inverted Planar Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1808855.	14.9	133
6	A Narrow-Bandgap n-Type Polymer Semiconductor Enabling Efficient All-Polymer Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1905161.	21.0	121
7	Imide-Functionalized Heteroarene-Based n-Type Terpolymers Incorporating Intramolecular Noncovalent Sulfur-Oxygen Interactions for Additive-Free All-Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2019, 29, 1903970.	14.9	53
8	Side-Chain Engineering of Donor-Acceptor Conjugated Small Molecules As Dopant-Free Hole-Transport Materials for Efficient Normal Planar Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 48556-48563.	8.0	49
9	Formamidinium-Based Lead Halide Perovskites: Structure, Properties, and Fabrication Methodologies. <i>Small Methods</i> , 2018, 2, 1700387.	8.6	48
10	Synergy Effect of Both 2,2,2-Trifluoroethylamine Hydrochloride and SnF <sub>2</sub> for Highly Stable FASn <sub>3</sub> Cl Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1800290.	5.8	45
11	Perovskite Solar Cells: Alkali Chlorides for the Suppression of the Interfacial Recombination in Inverted Planar Perovskite Solar Cells ( <i>Adv. Energy Mater.</i> 19/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970068.	19.5	28
12	Promising ITO-free perovskite solar cells with WO <sub>3</sub> -Ag-SnO <sub>2</sub> as transparent conductive oxide. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19330-19337.	10.3	27
13	High-Performance Semitransparent and Bifacial Perovskite Solar Cells with MoO <sub>x</sub> /Ag/WO <sub>x</sub> as the Rear Transparent Electrode. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000591.	3.7	26
14	General Method To Define the Type of Carrier Transport Materials for Perovskite Solar Cells via Kelvin Probes Microscopy. <i>ACS Applied Energy Materials</i> , 2018, 1, 3984-3991.	5.1	15
15	Efficient Perovskite Solar Cells with a Novel Aggregation-Induced Emission Molecule as Hole-Transport Material. <i>Solar Rrl</i> , 2020, 4, 1900189.	5.8	14
16	Understanding the Impact of Cu-In-Ga-S Nanoparticles Compactness on Holes Transfer of Perovskite Solar Cells. <i>Nanomaterials</i> , 2019, 9, 286.	4.1	9