

# Jin-Peng Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

488  
citations

933447

10  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

786  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric Field-Assisted Charge Generation and Separation Process in Transition Metal Oxide-Based Interconnectors for Tandem Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2012, 22, 600-608.	14.9	115
2	Origin and role of gap states in organic semiconductor studied by UPS: as the nature of organic molecular crystals. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 423002.	2.8	97
3	Origin of the energy level alignment at organic/organic interfaces: The role of structural defects. <i>Physical Review B</i> , 2014, 89, .	3.2	47
4	Band Dispersion and Hole Effective Mass of Methylammonium Lead Iodide Perovskite. <i>Solar Rrl</i> , 2018, 2, 1800132.	5.8	38
5	Interfacial electronic structures of WO <sub>3</sub> -based intermediate connectors in tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2010, 11, 1578-1583.	2.6	37
6	Hybrid intermediate connector for tandem OLEDs with the combination of MoO <sub>3</sub> -based interlayer and p-type doping. <i>Organic Electronics</i> , 2012, 13, 2243-2249.	2.6	31
7	Fermi-level pinning appears upon weak electrode-organic contact without gap states: A universal phenomenon. <i>Organic Electronics</i> , 2017, 48, 172-178.	2.6	24
8	The role of gap states on energy level alignment at an I <sub>2</sub> -NPD/HAT(CN) 6 charge generation interface. <i>Organic Electronics</i> , 2015, 24, 120-124.	2.6	22
9	Quantitative Fermi level tuning in amorphous organic semiconductor by molecular doping: Toward full understanding of the doping mechanism. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	12
10	Improved visible-light photocurrent based on ZnO/ZnS core-shell nanorods via interfacial engineering. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 035501.	2.8	11
11	Mechanism for doping induced p type C <sub>60</sub> using thermally evaporated molybdenum trioxide (MoO <sub>3</sub> ) as a dopant. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 185502.	1.8	9
12	Temperature-dependent band structure evolution determined by surface geometry in organic halide perovskite single crystals. <i>Physical Review B</i> , 2020, 102, .	3.2	9
13	Revealing mechanism of obtaining the valence band maximum via photoelectron spectroscopy in organic halide perovskite single crystals. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	8
14	Accessing the Conduction Band Dispersion in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3773-3778.	4.6	7
15	Dynamic processes of charges generation in intermediate connectors for tandem organic light emitting diodes. <i>Organic Electronics</i> , 2017, 46, 145-149.	2.6	5
16	Valence band dispersion measured in the surface normal direction of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> single crystals. <i>Applied Physics Express</i> , 2020, 13, 011009.	2.4	5
17	Broad Palettes of Polarizing Structural Color Filter Based on Subwavelength Metallic Nanograting. <i>Plasmonics</i> , 2021, 16, 167-173.	3.4	5
18	Band Dispersion and Hole Effective Mass of Methylammonium Lead Iodide Perovskite (Solar RRL 10 <sup>th</sup> •2018). <i>Solar Rrl</i> , 2018, 2, 1870216.	5.8	2

#	ARTICLE	IF	CITATIONS
19	Study of energy level alignment at weakly interacting small organic molecular thin film interfaces: The validity of classical model from inorganics. <i>Journal of Applied Physics</i> , 2019, 125, 035301.	2.5	2
20	Density of gap states in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> single crystals probed with ultrahigh-sensitivity ultraviolet photoelectron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 475001.	1.8	1
21	Modeling of thickness-dependent energy level alignment at organic and inorganic semiconductor interfaces. <i>Journal of Applied Physics</i> , 2022, 131, 245501.	2.5	1