

Jin-Peng Yang

List of Publications by Year in descending order

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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	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
2	Broad Palettes of Polarizing Structural Color Filter Based on Subwavelength Metallic Nanograting. <i>Plasmonics</i> , 2021, 16, 167-173.	3.4	5
3	Accessing the Conduction Band Dispersion in CH ₃ NH ₃ PbI ₃ Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3773-3778.	4.6	7
4	Density of gap states in CH ₃ NH ₃ PbI ₃ single crystals probed with ultrahigh-sensitivity ultraviolet photoelectron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 475001.	1.8	1
5	Valence band dispersion measured in the surface normal direction of CH ₃ NH ₃ PbI ₃ single crystals. <i>Applied Physics Express</i> , 2020, 13, 011009.	2.4	5
6	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
7	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
8	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
9	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
10	Band Dispersion and Hole Effective Mass of Methylammonium Lead Iodide Perovskite (Solar RRL 10 th 2018). <i>Solar Rrl</i> , 2018, 2, 1870216.	5.8	2
11	Band Dispersion and Hole Effective Mass of Methylammonium Lead Iodide Perovskite. <i>Solar Rrl</i> , 2018, 2, 1800132.	5.8	38
12	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
13	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
14	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
15	Mechanism for doping induced p type C ₆₀ using thermally evaporated molybdenum trioxide (MoO ₃) as a dopant. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 185502.	1.8	9
16	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
17	The role of gap states on energy level alignment at an I ₂ -NPD/HAT(CN) 6 charge generation interface. <i>Organic Electronics</i> , 2015, 24, 120-124.	2.6	22
18	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

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19	Hybrid intermediate connector for tandem OLEDs with the combination of MoO ₃ -based interlayer and p-type doping. <i>Organic Electronics</i> , 2012, 13, 2243-2249.	2.6	31
20	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
21	Interfacial electronic structures of WO ₃ -based intermediate connectors in tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2010, 11, 1578-1583.	2.6	37