Jun Li

List of Publications by Year in descending order

33 papers	585 citations	516710 16 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	386 citing authors

#	Article	IF	Citations
1	Analysis of Organic Light-Emitting Diode As a Maxwellâ"Wagner Effect Element by Time-Resolved Optical Second Harmonic Generation Measurement. Journal of Physical Chemistry Letters, 2010, 1, 803-807.	4.6	55
2	Analysis of Carrier Transients in Double-Layer Organic Light Emitting Diodes by Electric-Field-Induced Second-Harmonic Generation Measurement. Journal of Physical Chemistry C, 2010, 114, 15136-15140.	3.1	46
3	Analyzing carrier lifetime of double-layer organic solar cells by using optical electric-field-induced second-harmonic generation measurement. Applied Physics Letters, 2011, 98, .	3.3	44
4	Direct Probing of Photovoltaic Effect Generated in Double-Layer Organic Solar Cell by Electric-Field-Induced Optical Second-Harmonic Generation. Applied Physics Express, 2011, 4, 021602.	2.4	42
5	Probing of interfacial charging and discharging in double-layer devices with a polyimide blocking layer by time-resolved optical second harmonic generation. Journal of Applied Physics, 2010, 108, .	2.5	35
6	Interaction of interfacial charge and ferroelectric polarization in a pentacene/poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	3.3	33
7	Outstanding field emission properties of titanium dioxide /carbon nanotube composite cathodes on 3D nickel foam. Journal of Alloys and Compounds, 2017, 726, 675-679.	5.5	30
8	Outstanding field emission properties of wet-processed titanium dioxide coated carbon nanotube based field emission devices. Applied Physics Letters, 2015, 106, .	3.3	29
9	Study of film thickness effect on carbon nanotube based field emission devices. Journal of Alloys and Compounds, 2020, 816, 152648.	5.5	29
10	Study of interfacial design for direct-current tribovoltaic generators. Nano Energy, 2022, 94, 106957.	16.0	25
11	Ferromagnetic-assisted Maxwellâ€™s displacement current based on iron/polymer composite for improving the triboelectric nanogenerator output. Nano Energy, 2022, 96, 107139.	16.0	25
12	Analyzing photovoltaic effect of double-layer organic solar cells as a Maxwell-Wagner effect system by optical electric-field-induced second-harmonic generation measurement. Journal of Applied Physics, 2011, 110, .	2.5	24
13	Electric-field enhanced thermionic emission model for carrier injection mechanism of organic field-effect transistors: understanding of contact resistance. Journal Physics D: Applied Physics, 2017, 50, 035101.	2.8	22
14	Crack-Assisted Field Emission Enhancement of Carbon Nanotube Films for Vacuum Electronics. ACS Applied Nano Materials, 2019, 2, 7803-7809.	5.0	22
15	Greener corona discharge for enhanced wind generation with a simple dip-coated carbon nanotube decoration. Journal Physics D: Applied Physics, 2017, 50, 395304.	2.8	18
16	Transport limited interfacial carrier relaxation in a double-layer device investigated by time-resolved second harmonic generation and impedance spectroscopy. Applied Physics Letters, 2011, 98, .	3.3	16
17	Thickness Effect on Field-Emission Properties of Carbon Nanotube Composite Cathode. IEEE Transactions on Electron Devices, 2019, 66, 716-721.	3.0	15
18	Study of Carrier Behavior in Pentacene in a Au/Pentacene/Ferroelectric Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (fluo Generation Measurement. Japanese Journal of Applied Physics, 2010, 49, 121601.	1.5	11

#	Article	IF	Citations
19	Analyzing a two-step polarization process in a pentacene/poly(vinylidene fluoride - trifluoroethylene) double-layer device using Maxwell-Wagner model. Journal of Applied Physics, 2012, 111, 023706.	2.5	10
20	Boosted field emission properties and thickness effect of conductive polymers coated silicon carbide matrices for vacuum electronic devices. Vacuum, 2020, 180, 109594.	3.5	10
21	Facile Fabrication and High Field Emission Performance of 2-D Tiâ‚‚Câ‚‚Tâ‚“ MXene Nanosheets for Vacuum Electronic Devices. IEEE Transactions on Electron Devices, 2020, 67, 5138-5143.	3.0	10
22	Investigation of the Voltage Establishment and Relaxation Processes in a Double-Layer Device by Time-Resolved Optical Second-Harmonic Generation. Japanese Journal of Applied Physics, 2011, 50, 04DK13.	1.5	7
23	Effect of Photogenerated Carriers on Ferroelectric Polarization Reversal. Applied Physics Express, 2011, 4, 121601.	2.4	6
24	Direct Probing of Carrier Behavior in Electroluminescence Indiumâ€“Zinc-Oxide/N,N'-Di-[(1-naphthyl)-N,N'-diphenyl]-(1,1'-biphenyl)-4,4'-diamine/Tris(8-hydroxy-quinolinato)aluminum(III)/LiF/Al Diode by Time-Resolved Optical Second-Harmonic Generation. Japanese Journal of Applied Physics, 2011, 50, 04DK08.	1.5	6
25	Enhancement of corona discharge induced wind generation with carbon nanotube and titanium dioxide decoration*. Chinese Physics B, 2019, 28, 095202.	1.4	6
26	Investigation of the Voltage Establishment and Relaxation Processes in a Double-Layer Device by Time-Resolved Optical Second-Harmonic Generation. Japanese Journal of Applied Physics, 2011, 50, 04DK13.	1.5	3
27	A feasible heterostructure of P(VDF-TrFE)/semiconductor for a stable multi-state memory. Organic Electronics, 2020, 77, 105491.	2.6	2
28	Two-Step Polarization Reversal Process in Pentacene/Poly(vinylidene fluorideâ€“trifluoroethylene) Double-Layer Capacitor: Reduced Coercive Field. Japanese Journal of Applied Physics, 2012, 51, 02BK07.	1.5	2
29	Maxwell-Wagner type interfacial relaxation process in a doublelayer device investigated by time and frequency domain approaches. Physics Procedia, 2011, 14, 46-51.	1.2	1
30	Displacement Current Analysis of Capacitors with Ferroelectric Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (fluoride-tri	1.2	1
31	Determination of Lifetime of Double-Layer CuPc/C60 Organic Solar Cells by Optical Electric-Field-Induced Second-Harmonic Generation Measurement. Physics Procedia, 2011, 14, 167-171.	1.2	0
32	Two-Step Polarization Reversal Process in Pentacene/Poly(vinylidene fluorideâ€“trifluoroethylene) Double-Layer Capacitor: Reduced Coercive Field. Japanese Journal of Applied Physics, 2012, 51, 02BK07.	1.5	0
33	Probing of Maxwell-Wagner Type Interfacial Charging Process in Double-Layer Devices by Time-Resolved Second Harmonic Generation. IEICE Transactions on Electronics, 2011, E94-C, 141-145.	0.6	0