

# Jun Li

## List of Publications by Year in descending order

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33  
papers

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citations

516710

16  
h-index

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33  
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33  
docs citations

33  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of interfacial design for direct-current tribovoltaic generators. <i>Nano Energy</i> , 2022, 94, 106957.	16.0	25
2	Ferromagnetic-assisted Maxwell's displacement current based on iron/polymer composite for improving the triboelectric nanogenerator output. <i>Nano Energy</i> , 2022, 96, 107139.	16.0	25
3	A feasible heterostructure of P(VDF-TrFE)/semiconductor for a stable multi-state memory. <i>Organic Electronics</i> , 2020, 77, 105491.	2.6	2
4	Study of film thickness effect on carbon nanotube based field emission devices. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152648.	5.5	29
5	Boosted field emission properties and thickness effect of conductive polymers coated silicon carbide matrices for vacuum electronic devices. <i>Vacuum</i> , 2020, 180, 109594.	3.5	10
6	Facile Fabrication and High Field Emission Performance of 2-D Ti <sub>3</sub> C <sub>2</sub> MXene Nanosheets for Vacuum Electronic Devices. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 5138-5143.	3.0	10
7	Enhancement of corona discharge induced wind generation with carbon nanotube and titanium dioxide decoration*. <i>Chinese Physics B</i> , 2019, 28, 095202.	1.4	6
8	Crack-Assisted Field Emission Enhancement of Carbon Nanotube Films for Vacuum Electronics. <i>ACS Applied Nano Materials</i> , 2019, 2, 7803-7809.	5.0	22
9	Thickness Effect on Field-Emission Properties of Carbon Nanotube Composite Cathode. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 716-721.	3.0	15
10	Electric-field enhanced thermionic emission model for carrier injection mechanism of organic field-effect transistors: understanding of contact resistance. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 035101.	2.8	22
11	Greener corona discharge for enhanced wind generation with a simple dip-coated carbon nanotube decoration. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 395304.	2.8	18
12	Outstanding field emission properties of titanium dioxide /carbon nanotube composite cathodes on 3D nickel foam. <i>Journal of Alloys and Compounds</i> , 2017, 726, 675-679.	5.5	30
13	Outstanding field emission properties of wet-processed titanium dioxide coated carbon nanotube based field emission devices. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	29
14	Two-Step Polarization Reversal Process in Pentacene/Poly(vinylidene fluoride-trifluoroethylene) Double-Layer Capacitor: Reduced Coercive Field. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK07.	1.5	0
15	Analyzing a two-step polarization process in a pentacene/poly(vinylidene fluoride - trifluoroethylene) double-layer device using Maxwell-Wagner model. <i>Journal of Applied Physics</i> , 2012, 111, 023706.	2.5	10
16	Two-Step Polarization Reversal Process in Pentacene/Poly(vinylidene fluoride-trifluoroethylene) Double-Layer Capacitor: Reduced Coercive Field. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 02BK07.	1.5	2
17	Direct Probing of Photovoltaic Effect Generated in Double-Layer Organic Solar Cell by Electric-Field-Induced Optical Second-Harmonic Generation. <i>Applied Physics Express</i> , 2011, 4, 021602.	2.4	42
18	Effect of Photogenerated Carriers on Ferroelectric Polarization Reversal. <i>Applied Physics Express</i> , 2011, 4, 121601.	2.4	6

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Displacement Current Analysis of Capacitors with Ferroelectric Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (flu	1.2	1
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	8
25	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
26	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
27	Interaction of interfacial charge and ferroelectric polarization in a pentacene/poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307 Td (flu	3.3	33
28	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
29	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
30	Study of Carrier Behavior in Pentacene in a Au/Pentacene/Ferroelectric Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (flu Generation Measurement. Japanese Journal of Applied Physics, 2010, 49, 121601.	1.5	11
31	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
32	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
33	Analysis of Organic Light-Emitting Diode As a MaxwellâWagner Effect Element by Time-Resolved Optical Second Harmonic Generation Measurement. Journal of Physical Chemistry Letters, 2010, 1, 803-807.	4.6	55