

Eunju Lim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8556162/publications.pdf>

Version: 2024-02-01

44
papers

1,122
citations

516710

16
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of charge transport in organic TIPS semiconductor device using crystal alignment eco-friendly plastic cellulose nano-whisker. Journal of the Korean Physical Society, 2021, 79, 966-972.	0.7	1
2	Effective Dispensing Methods for Loading Drugs Only to the Tip of DNA Microneedles. Pharmaceutics, 2020, 12, 954.	4.5	6
3	Fabrication and Characterization of Aluminum Nanoparticle-Reinforced Composites. Polymers, 2020, 12, 2772.	4.5	4
4	Carrier transport of all carbonized β -glucosic eco-materials. Nanotechnology, 2020, 31, 345201.	2.6	2
5	Ultrasonically and Iontophoretically Enhanced Drug-Delivery System Based on Dissolving Microneedle Patches. Scientific Reports, 2020, 10, 2027.	3.3	59
6	Effect of proton and ion beam treatment on cyclic olefin copolymer parts prepared via injection molding. Current Applied Physics, 2019, 19, 381-387.	2.4	2
7	Carrier behaviors of 6,13-Bis (triisopropylsilylethynyl) pentacene device with self-assembled monolayer. Materials Chemistry and Physics, 2019, 227, 250-254.	4.0	5
8	Rheological Analysis of Live and Dead Microalgae Suspensions. Journal of the Korean Physical Society, 2018, 72, 858-862.	0.7	2
9	Surface analysis of curved polymeric plates irradiated with proton and ion beams. RSC Advances, 2018, 8, 34895-34902.	3.6	0
10	Simulation of injection-compression molding for thin and large battery housing. Current Applied Physics, 2018, 18, 1451-1457.	2.4	6
11	Microneedles integrated with a triboelectric nanogenerator: an electrically active drug delivery system. Nanoscale, 2018, 10, 13502-13510.	5.6	44
12	Hardness Enhancement of and an Organic-Inorganic Hybrid Film by Using Nitrogen Ion-Beam Irradiation. Journal of the Korean Physical Society, 2018, 72, 906-910.	0.7	1
13	Transformation of amorphous to crystallized carbon. Applied Physics Letters, 2017, 110, 143104.	3.3	5
14	Carrier transport of carbon nanotube embedded organic semiconductor composite. Materials Research Bulletin, 2017, 90, 232-236.	5.2	5
15	Electrical and optical analyses of trapping phenomenon with temperature dependence of organic device. Organic Electronics, 2017, 50, 397-402.	2.6	6
16	Study of TIPS-pentacene diode using electrical and electric field induced optical second harmonic generation measurement coupled with μ V and μ V measurements. Current Applied Physics, 2016, 16, 1259-1262.	2.4	1
17	Analysis of Carrier Transport of Organic Devices by Using Nonlinear Optical Polarization. Journal of Nanoscience and Nanotechnology, 2015, 15, 1973-1983.	0.9	3
18	Analysis of carrier transport and carrier trapping in organic diodes with polyimide-6,13-Bis(triisopropylsilylethynyl)pentacene double-layer by charge modulation spectroscopy and optical second harmonic generation measurement. Applied Physics Letters, 2014, 105, 073301.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Study of stress biasing effect observed in C-V characteristics of ITO/PI/TIPS-pentacene/Au diodes by electric field induced optical second harmonic generation. <i>Organic Electronics</i> , 2014, 15, 3590-3594.	2.6	4
20	Modified Maxwell-Wagner model analysis on charging and discharging in TIPS-pentacene diode by optical second harmonic generation measurement. <i>Current Applied Physics</i> , 2014, 14, 1156-1159.	2.4	5
21	Probing electric field distribution change in ITO/PI/TIPS-pentacene/Au diodes by time-resolved optical second harmonic generation measurement. <i>Chemical Physics Letters</i> , 2013, 561-562, 97-100.	2.6	9
22	Study of rectifying property of ITO/PI/TIPS-pentacene/Au diodes by electric field induced optical second harmonic generation. <i>Organic Electronics</i> , 2013, 14, 1903-1908.	2.6	15
23	Probing carrier behavior in organic semiconductor device by electric field induced optical second harmonic generation measurement. <i>Organic Electronics</i> , 2012, 13, 2489-2493.	2.6	10
24	Probing electric field distribution in organic double-layer diode by electric field induced optical second harmonic generation. <i>Current Applied Physics</i> , 2012, 12, 1023-1026.	2.4	2
25	Probing charging effects induced in ITO/polyimide/6,13-Bis(trisopropylsilylethynyl)-pentacene/Au diodes by time-resolved optical second harmonic generation measurement. <i>Chemical Physics Letters</i> , 2011, 515, 306-309.	2.6	12
26	Probing electric field in double-layer electroluminescence diode by optical second harmonic generation. <i>Chemical Physics Letters</i> , 2011, 516, 254-256.	2.6	6
27	Displacement current analysis of carrier behavior in pentacene field effect transistor with poly(vinylidene fluoride and tetrafluoroethylene) gate insulator. <i>Journal of Applied Physics</i> , 2009, 106, 024505.	2.5	16
28	Probing of channel region in pentacene field effect transistors by optical second harmonic generation. <i>Chemical Physics Letters</i> , 2009, 477, 221-224.	2.6	17
29	Probing carrier injection into pentacene field effect transistor by time-resolved microscopic optical second harmonic generation measurement. <i>Journal of Applied Physics</i> , 2009, 106, 014511.	2.5	25
30	Analysis of pentacene field-effect transistor with contact resistance as an element of a Maxwell-Wagner effect system. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	21
31	Probing of electric field in pentacene using microscopic optical second harmonic generation. <i>Journal of Applied Physics</i> , 2008, 103, 084118.	2.5	29
32	Evaluation of carrier velocity using time-resolved optical second harmonic generation measurement. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	13
33	Injected carrier distribution in a pentacene field effect transistor probed using optical second harmonic generation. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	22
34	Analysis of Organic Field Effect Transistors as a Maxwell-Wagner Effect Element: Measurement of Nano-Interfacial Polarization and Electric Field Distribution in Organic Film by Optical Second Harmonic Generation. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 467, 285-293.	0.9	1
35	Analysis of hysteresis behavior of pentacene field effect transistor characteristics with capacitance-voltage and optical second harmonic generation measurements. <i>Journal of Applied Physics</i> , 2007, 101, 094505.	2.5	28
36	Analysis of carrier injection into a pentacene field effect transistor by optical second harmonic generation measurements. <i>Journal of Applied Physics</i> , 2007, 101, 024515.	2.5	33

#	ARTICLE	IF	CITATIONS
37	Direct observation of trapped carriers in polydiacetylene films by optical second harmonic generation. Applied Physics Letters, 2007, 90, 171119.	3.3	22
38	Direct imaging of carrier motion in organic transistors by optical second-harmonic generation. Nature Photonics, 2007, 1, 581-584.	31.4	223
39	Probing of Carrier Injection into Organic Field Effect Transistor by Optical Second Harmonic Generation. IEEJ Transactions on Fundamentals and Materials, 2007, 127, 261-264.	0.2	1
40	Probing of the electric field distribution in organic field effect transistor channel by microscopic second-harmonic generation. Applied Physics Letters, 2006, 89, 072113.	3.3	97
41	Maxwell-Wagner Model Analysis for the Capacitance-Voltage Characteristics of Pentacene Field Effect Transistor. Japanese Journal of Applied Physics, 2006, 45, 3712-3716.	1.5	81
42	Analysis of pentacene field effect transistor as a Maxwell-Wagner effect element. Journal of Applied Physics, 2006, 100, 114515.	2.5	199
43	Origin of surface polarization phenomena at the interface between pentacene/permalloy bilayers. , 2006, , .		0
44	Modulation in optical second harmonic generation signal from channel of pentacene field effect transistors during device operation. Applied Physics Letters, 2005, 87, 222107.	3.3	65