Seung Hyun Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10933245/publications.pdf

Version: 2024-02-01

		567281	752698
22	2,442	15	20
papers	citations	h-index	g-index

22	22	22	4247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highlyâ€Efficient, Flexible Piezoelectric PZT Thin Film Nanogenerator on Plastic Substrates. Advanced Materials, 2014, 26, 2514-2520.	21.0	690
2	Bendable Inorganic Thin-Film Battery for Fully Flexible Electronic Systems. Nano Letters, 2012, 12, 4810-4816.	9.1	494
3	Self-powered fully-flexible light-emitting system enabled by flexible energy harvester. Energy and Environmental Science, 2014, 7, 4035-4043.	30.8	179
4	In Vivo Selfâ€Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. Advanced Functional Materials, 2017, 27, 1700341.	14.9	160
5	Laser Crystallization of Organicâ€“Inorganic Hybrid Perovskite Solar Cells. ACS Nano, 2016, 10, 7907-7914.	14.6	123
6	Flexible Crossbarâ€Structured Resistive Memory Arrays on Plastic Substrates via Inorganicâ€Based Laser Liftâ€Off. Advanced Materials, 2014, 26, 7480-7487.	21.0	118
7	Skinâ€Like Oxide Thinâ€Film Transistors for Transparent Displays. Advanced Functional Materials, 2016, 26, 6170-6178.	14.9	118
8	Self-powered flexible inorganic electronic system. Nano Energy, 2015, 14, 111-125.	16.0	110
9	Laser Writing Block Copolymer Self-Assembly on Graphene Light-Absorbing Layer. ACS Nano, 2016, 10, 3435-3442.	14.6	102
10	Monolithic Flexible Vertical GaN Lightâ€Emitting Diodes for a Transparent Wireless Brain Optical Stimulator. Advanced Materials, 2018, 30, e1800649.	21.0	88
11	Trichogenic Photostimulation Using Monolithic Flexible Vertical AlGaInP Light-Emitting Diodes. ACS Nano, 2018, 12, 9587-9595.	14.6	72
12	Optogenetic control of body movements via flexible vertical light-emitting diodes on brain surface. Nano Energy, 2018, 44, 447-455.	16.0	68
13	Optogenetic Mapping of Functional Connectivity in Freely Moving Mice via Insertable Wrapping Electrode Array Beneath the Skull. ACS Nano, 2016, 10, 2791-2802.	14.6	46
14	Thermoelectric properties of individual single-crystalline PbTe nanowires grown by a vapor transport method. Nanotechnology, 2011, 22, 295707.	2.6	27
15	Laser lift-off of GaN thin film and its application to the flexible light emitting diodes. Proceedings of SPIE, 2012, , .	0.8	19
16	Flexible GaN LED on a polyimide substrate for display applications. Proceedings of SPIE, 2012, , .	0.8	13
17	Nanogenerators: Highlyâ€Efficient, Flexible Piezoelectric PZT Thin Film Nanogenerator on Plastic Substrates (Adv. Mater. 16/2014). Advanced Materials, 2014, 26, 2450-2450.	21.0	9
18	Transparent Displays: Skin-Like Oxide Thin-Film Transistors for Transparent Displays (Adv. Funct.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	14.9	3

#	Article	IF	Citations
19	Light-Emitting Diodes: Monolithic Flexible Vertical GaN Light-Emitting Diodes for a Transparent Wireless Brain Optical Stimulator (Adv. Mater. 28/2018). Advanced Materials, 2018, 30, 1870208.	21.0	2
20	Flexible Electronics: Flexible Crossbar-Structured Resistive Memory Arrays on Plastic Substrates via Inorganic-Based Laser Lift-Off (Adv. Mater. 44/2014). Advanced Materials, 2014, 26, 7418-7418.	21.0	1
21	Thermoelectric properties of individual single-crystalline PbTe nanowires. , 2010, , .		0
22	Highly sensitive Si nanowire-based gas sensors for detection of a nerve agent. , 2010, , .		0