

Seung Hyun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,442
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

4247
citing authors

#	ARTICLE	IF	CITATIONS
1	Optogenetic control of body movements via flexible vertical light-emitting diodes on brain surface. Nano Energy, 2018, 44, 447-455.	16.0	68
2	Monolithic Flexible Vertical GaN Light-Emitting Diodes for a Transparent Wireless Brain Optical Stimulator. Advanced Materials, 2018, 30, e1800649.	21.0	88
3	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
4	Trichogenic Photostimulation Using Monolithic Flexible Vertical AlGaInP Light-Emitting Diodes. ACS Nano, 2018, 12, 9587-9595.	14.6	72
5	In Vivo Self-Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. Advanced Functional Materials, 2017, 27, 1700341.	14.9	160
6	Laser Crystallization of Organic-Inorganic Hybrid Perovskite Solar Cells. ACS Nano, 2016, 10, 7907-7914.	14.6	123
7	Transparent Displays: Skin-Like Oxide Thin-Film Transistors for Transparent Displays (Adv. Funct.) Tj ETQq1 1 0.784314 rgBT /Overlock 13	14.9	3
8	Skin-Like Oxide Thin-Film Transistors for Transparent Displays. Advanced Functional Materials, 2016, 26, 6170-6178.	14.9	118
9	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
10	Laser Writing Block Copolymer Self-Assembly on Graphene Light-Absorbing Layer. ACS Nano, 2016, 10, 3435-3442.	14.6	102
11	Self-powered flexible inorganic electronic system. Nano Energy, 2015, 14, 111-125.	16.0	110
12	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
13	Highly-Efficient, Flexible Piezoelectric PZT Thin Film Nanogenerator on Plastic Substrates. Advanced Materials, 2014, 26, 2514-2520.	21.0	690
14	Nanogenerators: Highly-Efficient, Flexible Piezoelectric PZT Thin Film Nanogenerator on Plastic Substrates (Adv. Mater. 16/2014). Advanced Materials, 2014, 26, 2450-2450.	21.0	9
15	Self-powered fully-flexible light-emitting system enabled by flexible energy harvester. Energy and Environmental Science, 2014, 7, 4035-4043.	30.8	179
16	Flexible Crossbar-Structured Resistive Memory Arrays on Plastic Substrates via Inorganic-Based Laser Lift-Off. Advanced Materials, 2014, 26, 7480-7487.	21.0	118
17	Laser lift-off of GaN thin film and its application to the flexible light emitting diodes. Proceedings of SPIE, 2012, , .	0.8	19
18	Flexible GaN LED on a polyimide substrate for display applications. Proceedings of SPIE, 2012, , .	0.8	13

#	ARTICLE	IF	CITATIONS
19	Bendable Inorganic Thin-Film Battery for Fully Flexible Electronic Systems. Nano Letters, 2012, 12, 4810-4816.	9.1	494
20	Thermoelectric properties of individual single-crystalline PbTe nanowires grown by a vapor transport method. Nanotechnology, 2011, 22, 295707.	2.6	27
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