

Geunhee Lee

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

497
citations

840776

11
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum Li storage in Si nanowires for the high capacity three-dimensional Li-ion battery. Applied Physics Letters, 2010, 96, .	3.3	147
2	Heteroepitaxial Ferroelectric ZnSnO ₃ Thin Film. Journal of the American Chemical Society, 2009, 131, 8386-8387.	13.7	93
3	Kinetics-driven high power Li-ion battery with a-Si/NiSix core-shell nanowire anodes. Chemical Science, 2011, 2, 1090.	7.4	60
4	Interface-controlled high dielectric constant Al ₂ O ₃ /TiO _x nanolaminates with low loss and low leakage current density for new generation nanodevices. Journal of Applied Physics, 2013, 114, .	2.5	25
5	Tailoring dielectric relaxation in ultra-thin high-dielectric constant nanolaminates for nanoelectronics. Applied Physics Letters, 2013, 102, .	3.3	25
6	Directionally Integrated VLS Nanowire Growth in a Local Temperature Gradient. Angewandte Chemie - International Edition, 2009, 48, 7366-7370.	13.8	17
7	Hetero-epitaxial BiFeO ₃ /SrTiO ₃ nanolaminates with higher piezoresponse performance over stoichiometric BiFeO ₃ films. Applied Physics Letters, 2015, 106, 022905.	3.3	15
8	Super high-dielectric-constant oxide films for next-generation nanoelectronics and supercapacitors for energy storage. MRS Bulletin, 2020, 45, 231-238.	3.5	14
9	Vertically aligned Si intranowire p-n diodes by large-area epitaxial growth. Applied Physics Letters, 2009, 94, .	3.3	13
10	Surface charge dynamics on ferroelectric PbZr _{0.48} Ti _{0.52} O ₃ films responding to the switching bias of electric force microscope. Applied Physics Letters, 2009, 94, 162902.	3.3	13
11	Strain-induced High Polarization of a KNbO ₃ Thin Film on a Single Crystalline R _h Substrate. Journal of the American Ceramic Society, 2012, 95, 2773-2776.	3.8	13
12	Fabrication of polycrystalline Si wafer by vacuum casting and the effect of mold coating materials. Journal of Crystal Growth, 2001, 233, 45-51.	1.5	11
13	A study on the fabrication of polycrystalline Si wafer by direct casting for solar cell substrate. Solar Energy, 2006, 80, 220-225.	6.1	11
14	Formation of Self-Assembled Polyelectrolyte Multilayer Nanodots by Scanning Probe Microscopy. Journal of the American Chemical Society, 2009, 131, 1634-1635.	13.7	10
15	Hydrogen transport properties of palladium film prepared by colloidal spray deposition. Journal of Membrane Science, 2012, 415-416, 199-204.	8.2	10
16	Writing nanotriboelectric charge bits on insulator surface. Applied Physics Letters, 2008, 93, .	3.3	5
17	SANS study of microstructural inhomogeneities on Al nano-powder compacts. Physica B: Condensed Matter, 2004, 350, E1015-E1018.	2.7	4
18	Dielectric behavior related to TiO _x phase change to TiO ₂ in TiO _x /Al ₂ O ₃ nanolaminate thin films. MRS Communications, 2014, 4, 67-72.	1.8	4

#	ARTICLE	IF	CITATIONS
19	High Functional Adsorbent Alumina Nanofibers Prepared by a Hydrolysis of Al Nanopowder. Solid State Phenomena, 2007, 119, 171-174.	0.3	2
20	Vectorial nanowire growth by local kinetic manipulation. Journal of Crystal Growth, 2012, 345, 56-60.	1.5	2
21	A Study on Impurities in Poly-Si Wafers Obtained from Vacuum Casting and their Effect on Solar Cell Efficiency. Solid State Phenomena, 2003, 93, 153-160.	0.3	1