

# Geunhee Lee

## List of Publications by Year in descending order

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21  
papers

497  
citations

840776

11  
h-index

677142

22  
g-index

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all docs

22  
docs citations

22  
times ranked

890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super high-dielectric-constant oxide films for next-generation nanoelectronics and supercapacitors for energy storage. MRS Bulletin, 2020, 45, 231-238.	3.5	14
2	Hetero-epitaxial BiFeO <sub>3</sub> /SrTiO <sub>3</sub> nanolaminates with higher piezoresponse performance over stoichiometric BiFeO <sub>3</sub> films. Applied Physics Letters, 2015, 106, 022905.	3.3	15
3	Dielectric behavior related to TiO <sub>x</sub> phase change to TiO <sub>2</sub> in TiO <sub>x</sub> /Al <sub>2</sub> O <sub>3</sub> nanolaminate thin films. MRS Communications, 2014, 4, 67-72.	1.8	4
4	Interface-controlled high dielectric constant Al <sub>2</sub> O <sub>3</sub> /TiO <sub>x</sub> 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	Hydrogen transport properties of palladium film prepared by colloidal spray deposition. Journal of Membrane Science, 2012, 415-416, 199-204.	8.2	10
7	Vectorial nanowire growth by local kinetic manipulation. Journal of Crystal Growth, 2012, 345, 56-60.	1.5	2
8	Strain-induced High Polarization of a KNbO <sub>3</sub> Thin Film on a Single Crystalline R <sub>h</sub> Substrate. Journal of the American Ceramic Society, 2012, 95, 2773-2776.	3.8	13
9	Kinetics-driven high power Li-ion battery with a-Si/NiSi <sub>3</sub> core-shell nanowire anodes. Chemical Science, 2011, 2, 1090.	7.4	60
10	Maximum Li storage in Si nanowires for the high capacity three-dimensional Li-ion battery. Applied Physics Letters, 2010, 96, .	3.3	147
11	Vertically aligned Si intranowire p-n diodes by large-area epitaxial growth. Applied Physics Letters, 2009, 94, .	3.3	13
12	Directionally Integrated VLS Nanowire Growth in a Local Temperature Gradient. Angewandte Chemie - International Edition, 2009, 48, 7366-7370.	13.8	17
13	Heteroepitaxial Ferroelectric ZnSnO <sub>3</sub> Thin Film. Journal of the American Chemical Society, 2009, 131, 8386-8387.	13.7	93
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	Surface charge dynamics on ferroelectric PbZr <sub>0.48</sub> Ti <sub>0.52</sub> O <sub>3</sub> films responding to the switching bias of electric force microscope. Applied Physics Letters, 2009, 94, 162902.	3.3	13
16	Writing nanotriboelectric charge bits on insulator surface. Applied Physics Letters, 2008, 93, .	3.3	5
17	High Functional Adsorbent Alumina Nanofibers Prepared by a Hydrolysis of Al Nanopowder. Solid State Phenomena, 2007, 119, 171-174.	0.3	2
18	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

#	ARTICLE	IF	CITATIONS
19	SANS study of microstructural inhomogeneities on Al nano-powder compacts. Physica B: Condensed Matter, 2004, 350, E1015-E1018.	2.7	4
20	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
21	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