

Tae-Gon Kim

List of Publications by Year in descending order

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516710

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22
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citing authors

#	ARTICLE	IF	CITATIONS
1	A Mesoporous/Crystalline Composite Material Containing Tin Phosphate for Use as the Anode in Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5987-5990.	13.8	137
2	Comparison of Al ₂ O ₃ - and AlPO ₄ -coated LiCoO ₂ cathode materials for a Li-ion cell. <i>Journal of Power Sources</i> , 2005, 146, 58-64.	7.8	117
3	Nanoparticle iron-phosphate anode material for Li-ion battery. <i>Applied Physics Letters</i> , 2004, 85, 5875-5877.	3.3	78
4	Synthesis and Growth Mechanisms of One-Dimensional Strontium Hydroxyapatite Nanostructures. <i>Inorganic Chemistry</i> , 2005, 44, 9895-9901.	4.0	53
5	The Effect of AlPO ₄ -Coating Layer on the Electrochemical Properties in LiCoO ₂ Thin Films. <i>Journal of the Electrochemical Society</i> , 2006, 153, A1773.	2.9	50
6	Effect of microstructures on the microwave dielectric properties of ZrTiO ₄ thin films. <i>Applied Physics Letters</i> , 2001, 78, 2363-2365.	3.3	41
7	Dielectric relaxation of atomic-layer-deposited HfO ₂ thin films from 1kHz to 5GHz. <i>Applied Physics Letters</i> , 2005, 87, 012901.	3.3	33
8	Silver-nanoparticle dispersion from the consolidation of Ag-attached silica colloid. <i>Journal of Materials Research</i> , 2004, 19, 1400-1407.	2.6	31
9	Metal-phosphate coating on LiCoO ₂ cathodes with high cutoff voltages. <i>Materials Research Bulletin</i> , 2007, 42, 1201-1211.	5.2	30
10	Deep learning STEM-EDX tomography of nanocrystals. <i>Nature Machine Intelligence</i> , 2021, 3, 267-274.	16.0	30
11	Nanostructured Platinum/Iron Phosphate Thin-Film Electrodes for Methanol Oxidation. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, E27.	2.2	28
12	The dependence of dielectric properties on the thickness of (Ba,Sr)TiO ₃ thin films. <i>Current Applied Physics</i> , 2007, 7, 168-171.	2.4	28
13	Increasing the Energy Gap between Band Edge and Trap States Slows Down Picosecond Carrier Trapping in Highly Luminescent InP/ZnSe/ZnS Quantum Dots. <i>Small</i> , 2021, 17, e2102792.	10.0	25
14	Melilite-type blue chromophores based on Mn ³⁺ in a trigonal-bipyramidal coordination induced by interstitial oxygen. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5843.	5.5	24
15	Energy Transfer and Brightness Saturation in (Sr,Ca) ₂ P ₂ O ₇ :Eu ²⁺ ,Mn ²⁺ Phosphor for UV-LED Lighting. <i>Journal of the Electrochemical Society</i> , 2009, 156, J203.	2.9	18
16	Microwave dielectric relaxation of the polycrystalline (Ba,Sr)TiO ₃ thin films. <i>Applied Physics Letters</i> , 2005, 86, 182904.	3.3	17
17	Reaction mechanisms of tridymite iron phosphate with lithium ions in the low-voltage range. <i>Electrochimica Acta</i> , 2007, 53, 1843-1849.	5.2	11
18	Silver silicates with three-dimensional d ₁₀ -d ₁₀ interactions as visible light active photocatalysts for water oxidation. <i>Applied Physics Letters</i> , 2013, 103, 043904.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Effect of crystallinity on the dielectric loss of sputter-deposited (Ba,Sr)TiO ₃ thin films in the microwave range. Journal of Materials Research, 2003, 18, 682-686.	2.6	9
20	Effect of Alkali-Earth Metal Fluorides on Phase and Luminescence of Magnesium Germanate Phosphors. Journal of the Electrochemical Society, 2010, 157, J397.	2.9	7
21	Facile and versatile ligand analysis method of colloidal quantum dot. Scientific Reports, 2021, 11, 19889.	3.3	1