

Gyoung-Ja Lee

List of Publications by Year in descending order

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25
papers

547
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687363

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26
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26
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved oxidation stability of carbon-coated Ni nanoparticles synthesized by one-step electrical wire explosion. <i>Materials Chemistry and Physics</i> , 2022, 276, 125410.	4.0	5
2	Piezoelectricity, thermal stability, and fatigue resistance in Nb and Ta-doped Bi ₄ Ti ₃ O ₁₂ high-temperature piezoceramics. <i>Ceramics International</i> , 2022, 48, 12764-12771.	4.8	12
3	High-temperature workable flexible piezoelectric energy harvester comprising thermally stable (K,Na)NbO ₃ -based ceramic and polyimide composites. <i>Composites Part B: Engineering</i> , 2022, 234, 109671.	12.0	18
4	Kinetic motion sensors based on flexible and lead-free hybrid piezoelectric composite energy harvesters with nanowires-embedded electrodes for detecting articular movements. <i>Composites Part B: Engineering</i> , 2021, 212, 108705.	12.0	49
5	Role of oxygen vacancy defects in piezoelectric thermal stability characteristics of Mn-doped (K,Na,Li)NbO ₃ piezoceramics. <i>Ceramics International</i> , 2021, 47, 27803-27815.	4.8	18
6	Flexoelectric-boosted piezoelectricity of BaTiO ₃ @SrTiO ₃ core-shell nanostructure determined by multiscale simulations for flexible energy harvesters. <i>Nano Energy</i> , 2021, 89, 106469.	16.0	23
7	A Theoretical and Empirical Investigation of Design Characteristics in a Pb(Zr,Ti)O ₃ -Based Piezoelectric Accelerometer. <i>Sensors</i> , 2020, 20, 3545.	3.8	7
8	Role of Extrinsic Contribution to Temperature Stability of Piezoelectricity for (K,Na)NbO ₃ -(Bi,M)ZrO ₃ Ceramics with Morphotropic Phase Boundary. <i>Energies</i> , 2020, 13, 1972.	3.1	3
9	Design Optimization of Bulk Piezoelectric Acceleration Sensor for Enhanced Performance. <i>Sensors</i> , 2019, 19, 3360.	3.8	9
10	Piezoelectric Energy Harvesting from Two-Dimensional Boron Nitride Nanoflakes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37920-37926.	8.0	98
11	Study of Sensitive Parameters on the Sensor Performance of a Compression-Type Piezoelectric Accelerometer Based on the Meta-Model. <i>Energies</i> , 2019, 12, 1381.	3.1	6
12	Co-Doping Effect of BiGaO ₃ and (Bi,Na,K,Li)ZrO ₃ on Multi-Phase Structure and Piezoelectric Properties of (K,Na)NbO ₃ Lead-Free Ceramics. <i>Energies</i> , 2019, 12, 886.	3.1	5
13	Proposal of a rhombohedral-tetragonal phase composition for maximizing piezoelectricity of (K,Na)NbO ₃ ceramics. <i>Scientific Reports</i> , 2019, 9, 4195.	3.3	23
14	Nanowire-percolated piezoelectric copolymer-based highly transparent and flexible self-powered sensors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25481-25489.	10.3	69
15	Generation of non-equilibrium condition in solution plasma discharge using low-pass filter circuit. <i>Plasma Processes and Polymers</i> , 2017, 14, 1600163.	3.0	6
16	In-situ temperature stability of a piezoelectric accelerometer based on (Bi, Na, K, Li)TiO ₃ ceramics. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	3
17	Piezoelectric and ferroelectric properties of (Bi,Na)TiO ₃ -(Bi,Li)TiO ₃ -(Bi,K)TiO ₃ ceramics for accelerometer application. <i>Journal of the American Ceramic Society</i> , 2017, 100, 678-685.	3.8	19
18	Targeted Tumor Therapy Based on Nanodiamonds Decorated with Doxorubicin and Folic Acid. <i>Macromolecular Bioscience</i> , 2017, 17, 1600180.	4.1	21

#	ARTICLE	IF	CITATIONS
19	Rapid and direct synthesis of complex perovskite oxides through a highly energetic planetary milling. Scientific Reports, 2017, 7, 46241.	3.3	22
20	Decreased Total Antioxidant Activity in Major Depressive Disorder Patients Non-Responsive to Antidepressant Treatment. Psychiatry Investigation, 2016, 13, 222.	1.6	13
21	One-dimensional nanofiber architecture of an anatase TiO ₂ carbon composite with improved sodium storage performance. RSC Advances, 2015, 5, 106252-106257.	3.6	13
22	Cellular Uptake Behavior of Doxorubicin Conjugated Nanodiamond Clusters for Efficient Cancer Therapy. Macromolecular Bioscience, 2015, 15, 1469-1475.	4.1	25
23	Facile synthesis of surface oxide free copper nanoparticles by in-situ coating with oleic acid. Powder Technology, 2014, 261, 143-146.	4.2	14
24	Enhanced thermal conductivity of nanofluids containing graphene nanoplatelets prepared by ultrasound irradiation. Journal of Materials Science, 2014, 49, 1506-1511.	3.7	62
25	Application Feasibility of Antioxidant Activity Evaluation Using Potentiometry in Major Depressive Disorder. Electrochemistry, 2014, 82, 264-266.	1.4	4