

Wonbae Ko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Performance Amorphous InGaZnO Thin-Film Transistors via Stacked Ultrathin High- κ TaO _x Buffer Layer Grown on Low- κ SiO ₂ Gate Oxide. <i>Advanced Electronic Materials</i> , 2017, 3, 1600452.	5.1	15
2	Hierarchically Nanostructured 1D Conductive Bundle Yarn-Based Triboelectric Nanogenerators. <i>Advanced Materials</i> , 2017, 29, 1704434.	21.0	30
3	Solubility-Dependent NiMoO ₄ Nanoarchitectures: Direct Correlation between Rationally Designed Structure and Electrochemical Pseudokinetics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35227-35234.	8.0	37
4	Memory window engineering of Ta ₂ O ₅ oxide-based resistive switches via incorporation of various insulating frames. <i>Scientific Reports</i> , 2016, 6, 30333.	3.3	11
5	Solution processed vertically stacked ZnO sheet-like nanorod/p-n homojunctions and their application as UV photodetectors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 142-149.	5.5	27
6	Structural and Luminescence Features of Lithium-Doped n-Type Film-Like ZnO Nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 8679-8683.	0.9	0
7	Triboelectric energy harvester based on wearable textile platforms employing various surface morphologies. <i>Nano Energy</i> , 2015, 12, 410-418.	16.0	157
8	Na mole concentration dependence on optical p-type behaviors of Na-doped ZnO nanowires. <i>Current Applied Physics</i> , 2014, 14, S103-S106.	2.4	11
9	Enhanced Performance of Triboelectric Nanogenerators Integrated with ZnO Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 9319-9322.	0.9	10
10	Solution-processed Ag-doped ZnO nanowires grown on flexible polyester for nanogenerator applications. <i>Nanoscale</i> , 2013, 5, 9609.	5.6	57
11	Luminescence Behavior of Lithium-Doped ZnO Nanowires with n-Type Conduction Characteristics. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 6231-6235.	0.9	2
12	Structural Analysis of Vertically-Aligned Single Crystalline ZnO Nanorods Grown on Different Seed Layers with Chemical Solution Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 6036-6039.	0.9	1
13	Photoluminescence Analysis of Energy Level on Li-Doped ZnO Nanowires Grown by a Hydrothermal Method. <i>Applied Physics Express</i> , 2012, 5, 095002.	2.4	17
14	Structural analysis of ZnO nanowires synthesized by using a low-temperature hydro-thermal method. <i>Journal of the Korean Physical Society</i> , 2012, 60, 1794-1797.	0.7	0
15	n-Type Conduction Characteristics of Lithium-Doped ZnO Nanowires. <i>Advanced Materials</i> , 2011, 23, 4183-4187.	21.0	78