

Honghwi Park

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

105
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized poly(methyl methacrylate)-mediated graphene-transfer process for fabrication of high-quality graphene layer. <i>Nanotechnology</i> , 2018, 29, 415303.	2.6	41
2	Factors Determining the Resistive Switching Behavior of Transparent InGaZnO-Based Memristors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2022, 16, .	2.4	10
3	Multifunctional graphene sensor for detection of environment signals using a decoupling technique. <i>Solid-State Electronics</i> , 2019, 151, 40-46.	1.4	8
4	Analytic model of spalling technique for thickness-controlled separation of single-crystalline semiconductor layers. <i>Solid-State Electronics</i> , 2020, 163, 107660.	1.4	8
5	Effect of copper surface morphology on grain size uniformity of graphene grown by chemical vapor deposition. <i>Current Applied Physics</i> , 2019, 19, 1414-1420.	2.4	7
6	Layer-resolved release of epitaxial layers in III-V heterostructure via a buffer-free mechanical separation technique. <i>Science Advances</i> , 2022, 8, eabl6406.	10.3	7
7	Investigation of electrical characteristics of flexible CMOS devices fabricated with thickness-controlled spalling process. <i>Solid-State Electronics</i> , 2020, 173, 107901.	1.4	5
8	Extraction of intrinsic field-effect mobility of graphene considering effects of gate-bias-induced contact modulation. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	5
9	High-Performance Oxide-Based p-n Heterojunctions Integrating p-SnO ₂ and n-InGaZnO. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55676-55686.	8.0	4
10	Effects of Thermally Induced Phase Transition on the Negative Thermo-Optic Properties of Atomic-Layer-Deposited TiO ₂ Films. <i>ACS Applied Electronic Materials</i> , 2022, 4, 651-662.	4.3	4
11	Effect of Graphene Doping Level near the Metal Contact Region on Electrical and Photoresponse Characteristics of Graphene Photodetector. <i>Sensors</i> , 2020, 20, 4661.	3.8	3
12	Simultaneous Extraction of the Grain Size, Single-Crystalline Grain Sheet Resistance, and Grain Boundary Resistivity of Polycrystalline Monolayer Graphene. <i>Nanomaterials</i> , 2022, 12, 206.	4.1	2
13	Evaluation of the average grain size of polycrystalline graphene using an electrical characterization method. <i>Solid-State Electronics</i> , 2021, 186, 108172.	1.4	1
14	Influence of Amorphous-to-Crystalline Transformation on the Negative Thermo-Optic Properties of TiO ₂ Films. <i>ECS Transactions</i> , 2021, 102, 151-158.	0.5	0
15	Influence of Amorphous-to-Crystalline Transformation on the Negative Thermo-Optic Properties of TiO ₂ Films. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1019-1019.	0.0	0