# Honghwi Park

List of Publications by Year
in descending order



| 15 | 105 | 1478505 6 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 143 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Simultaneous Extraction of the Grain Size, Single-Crystalline Grain Sheet Resistance, and Grain Boundary Resistivity of Polycrystalline Monolayer Graphene. Nanomaterials, 2022, 12, 206. | 4.1 | 2 |
| 2 | Layer-resolved release of epitaxial layers in III-V heterostructure via a buffer-free mechanical separation technique. Science Advances, 2022, 8, eabl6406. | 10.3 | 7 |
| 3 | Effects of Thermally Induced Phase Transition on the Negative Thermo-Optic Properties of Atomic-Layer-Deposited TiO<sub>2</sub> Films. ACS Applied Electronic Materials, 2022, 4, 651-662. | 4.3 | 4 |
| 4 | Factors Determining the Resistive Switching Behavior of Transparent InGaZnOâ€Based Memristors. Physica Status Solidi - Rapid Research Letters, 2022, 16, . | 2.4 | 10 |
| 5 | Influence of Amorphous-to-Crystalline Transformation on the Negative Thermo-Optic Properties of TiO2 Films. ECS Transactions, 2021, 102, 151-158. | 0.5 | 0 |
| 6 | Influence of Amorphous-to-Crystalline Transformation on the Negative Thermo-Optic Properties of TiO2 Films. ECS Meeting Abstracts, 2021, MA2021-01, 1019-1019. | 0.0 | 0 |
| 7 | Evaluation of the average grain size of polycrystalline graphene using an electrical characterization method. Solid-State Electronics, 2021, 186, 108172. | 1.4 | 1 |
| 8 | High-Performance Oxide-Based pâ€“n Heterojunctions Integrating p-SnO<sub>x</sub> and n-InGaZnO. ACS Applied Materials & Interfaces, 2021, 13, 55676-55686. | 8.0 | 4 |
| 9 | Analytic model of spalling technique for thickness-controlled separation of single-crystalline semiconductor layers. Solid-State Electronics, 2020, 163, 107660. | 1.4 | 8 |
| 10 | Investigation of electrical characteristics of flexible CMOS devices fabricated with thickness-controlled spalling process. Solid-State Electronics, 2020, 173, 107901. | 1.4 | 5 |
| 11 | Effect of Graphene Doping Level near the Metal Contact Region on Electrical and Photoresponse Characteristics of Graphene Photodetector. Sensors, 2020, 20, 4661. | 3.8 | 3 |
| 12 | Extraction of intrinsic field-effect mobility of graphene considering effects of gate-bias-induced contact modulation. Journal of Applied Physics, 2020, 127, . | 2.5 | 5 |
| 13 | Effect of copper surface morphology on grain size uniformity of graphene grown by chemical vapor deposition. Current Applied Physics, 2019, 19, 1414-1420. | 2.4 | 7 |
| 14 | Multifunctional graphene sensor for detection of environment signals using a decoupling technique. Solid-State Electronics, 2019, 151, 40-46. | 1.4 | 8 |
| 15 | Optimized poly(methyl methacrylate)-mediated graphene-transfer process for fabrication of high-quality graphene layer. Nanotechnology, 2018, 29, 415303. | 2.6 | 41 |