

Chul Jin Park

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Ammonium Ionic Liquid-Functionalized Phenothiazine as a New Redox Mediator for High Chemical Stability on the Anode Surface in Lithium-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4220-4229. | 8.0 | 4 |
| 2 | Conformal doping strategy for fin structures: tailoring of dopant profile through multiple monolayer doping and capping layer control. <i>Semiconductor Science and Technology</i> , 2020, 35, 055028. | 2.0 | 6 |
| 3 | Laser-Assisted Interface Engineering for Functional Interfacial Layer of Al/ZnO/Al Resistive Random Access Memory (RRAM). <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32131-32142. | 8.0 | 19 |
| 4 | Selective annealing of Al ₂ O ₃ /silicon interface by using an Nd ³⁺ : YAG laser with a wavelength of 532Ånm. <i>Materials Science in Semiconductor Processing</i> , 2020, 109, 104956. | 4.0 | 3 |
| 5 | Selective photo-thermal modulation of ZnO/Pt interface for monolithic 3D integration of oxide-based resistive random access memory. <i>Applied Surface Science</i> , 2020, 520, 146380. | 6.1 | 5 |
| 6 | Effect of surface states on monolayer doping: Crystal orientations, crystallinities, and surface defects. <i>Materials Science in Semiconductor Processing</i> , 2018, 82, 67-74. | 4.0 | 3 |
| 7 | Nickel mono-silicide formation using a photo-thermal process assisted by ultra-violet laser. <i>Materials Science in Semiconductor Processing</i> , 2018, 75, 263-268. | 4.0 | 4 |
| 8 | Effect of number of laser pulses on p + /n silicon ultra-shallow junction formation during non-melt ultra-violet laser thermal annealing. <i>Materials Science in Semiconductor Processing</i> , 2017, 60, 34-39. | 4.0 | 8 |