

Sungeun Park

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

715
citations

1305906

8
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1051228

16
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20
all docs

20
docs citations

20
times ranked

1870
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Optimization of Controllable Factors in the Aluminum Silicon Eutectic Paste and Rear Silicon Nitride Mono-Passivation Layer of PERC Solar Cells. <i>Metals and Materials International</i> , 2018, 24, 664-671. | 1.8 | 5 |
| 2 | Minimizing Light-Induced Degradation of the Al ₂ O ₃ Rear Passivation Layer for Highly Efficient PERC Solar Cells. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, Q253-Q258. | 0.9 | 3 |
| 3 | Rapid and Accurate Measurement of Ideality Factor and Parasitic Resistances of Thin Film Solar Cells. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, Q105-Q108. | 0.9 | 2 |
| 4 | Potential induced degradation of n-type crystalline silicon solar cells with p ⁺ front junction. <i>Energy Science and Engineering</i> , 2017, 5, 30-37. | 1.9 | 45 |
| 5 | Relationship between ion migration and interfacial degradation of CH ₃ NH ₃ PbI ₃ perovskite solar cells under thermal conditions. <i>Scientific Reports</i> , 2017, 7, 1200. | 1.6 | 137 |
| 6 | Gapless point back surface field for the counter doping of large-area interdigitated back contact solar cells using a blanket shadow mask implantation process. <i>Progress in Photovoltaics: Research and Applications</i> , 2017, 25, 989-995. | 4.4 | 4 |
| 7 | The silver contact and formation mechanism of the boron emitter and the current flow mechanism of the solar cell electrode. , 2017, , . | | 0 |
| 8 | UV Degradation and Recovery of Perovskite Solar Cells. <i>Scientific Reports</i> , 2016, 6, 38150. | 1.6 | 269 |
| 9 | Electric-Field-Induced Degradation of Methylammonium Lead Iodide Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3091-3096. | 2.1 | 169 |
| 10 | Effects of Pre-annealing on Firing Stability of Atomic Layer-Deposited Al ₂ O ₃ . <i>Israel Journal of Chemistry</i> , 2015, 55, 1075-1080. | 1.0 | 1 |
| 11 | Investigation of Al back contacts and BSF formation by in situ TEM for silicon solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2014, 22, 863-869. | 4.4 | 9 |
| 12 | Advanced yield strength of interconnector ribbon for photovoltaic module using crystallographic texture control. <i>Metals and Materials International</i> , 2014, 20, 229-232. | 1.8 | 4 |
| 13 | Improvement of electrical properties in screen-printed crystalline silicon solar cells by contact treatment of the grid edge. <i>Metals and Materials International</i> , 2013, 19, 1333-1338. | 1.8 | 8 |
| 14 | Effect of High-Temperature Annealing on Ion-Implanted Silicon Solar Cells. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-6. | 1.4 | 15 |
| 15 | Effects of rapid thermal process on the junction properties of aluminum rear emitter solar cells. <i>Metals and Materials International</i> , 2012, 18, 731-734. | 1.8 | 4 |
| 16 | A Study of Cu Metal Deposition on Amorphous Si Films from Cu Solutions for Low-Temperature Crystallization of Amorphous Si Films. <i>Journal of the Electrochemical Society</i> , 1997, 144, 3592-3596. | 1.3 | 19 |
| 17 | Electrical properties of CdTe films prepared by close-spaced sublimation with screen-printed source layers. <i>Journal of Applied Physics</i> , 1995, 78, 5493-5498. | 1.1 | 21 |
| 18 | Growth of CuIn ₃ /Se ₅ / layer on the CuInSe ₂ / film and its effect on the photovoltaic properties of In ₂ /Se ₃ /CuInSe ₂ / solar cells. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Effect of CdS annealing in (CdCl ₂ /CdS) atmosphere on CdTe cells. , 0, , . | | 0 |