

# Gwisu Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3626705/publications.pdf>

Version: 2024-02-01

8  
papers

5,057  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

4216  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Perovskite solar cells with atomically coherent interlayers on SnO <sub>2</sub> electrodes. <i>Nature</i> , 2021, 598, 444-450.   | 27.8 | 2,065     |
| 2 | Efficient, stable solar cells by using inherent bandgap of $\delta$ -phase formamidinium lead iodide. <i>Science</i> , 2019, 366, 749-753.  | 12.6 | 936       |
| 3 | Impact of strain relaxation on performance of $\delta$ -formamidinium lead iodide perovskite solar cells. <i>Science</i> , 2020, 370, 108-112.  | 12.6 | 932       |
| 4 | Perovskite precursor solution chemistry: from fundamentals to photovoltaic applications. <i>Chemical Society Reviews</i> , 2019, 48, 2011-2038.   | 38.1 | 526       |
| 5 | Surface Engineering of Ambient-Air-Processed Cesium Lead Triiodide Layers for Efficient Solar Cells. <i>Joule</i> , 2021, 5, 183-196.   | 24.0 | 308       |
| 6 | Structural features and their functions in surfactant-armoured methylammonium lead iodide perovskites for highly efficient and stable solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 2188-2197. | 30.8 | 162       |
| 7 | Stabilization of Precursor Solution and Perovskite Layer by Addition of Sulfur. <i>Advanced Energy Materials</i> , 2019, 9, 1803476.  | 19.5 | 81        |
| 8 | Regulating the Surface Passivation and Residual Strain in Pure Tin Perovskite Films. <i>ACS Energy Letters</i> , 2021, 6, 3555-3562.  | 17.4 | 45        |