

# Yohan Yoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6768745/publications.pdf>

Version: 2024-02-01

10  
papers

96  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

146  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Nanoscale imaging and spectroscopy of band gap and defects in polycrystalline photovoltaic devices. Nanoscale, 2017, 9, 7771-7780.   | 5.6  | 23        |
| 2  | Nanoscale photocurrent mapping in perovskite solar cells. Nano Energy, 2018, 48, 543-550.  | 16.0 | 19        |
| 3  | Nanoscale imaging of photocurrent enhancement by resonator array photovoltaic coatings. Nanotechnology, 2018, 29, 145401.  | 2.6  | 15        |
| 4  | Unveiling Defect-Mediated Charge-Carrier Recombination at the Nanometer Scale in Polycrystalline Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 47037-47046.                                   | 8.0  | 14        |
| 5  | Reduction of speckle noise and mitigation of beam wander in tunable external cavity quantum cascade lasers using rotating diamond/KBr pellet coupled with multimode fiber. Optics Express, 2019, 27, 8011. | 3.4  | 10        |
| 6  | Hyperspectral imaging using active infrared backscatter spectroscopy for detection of trace explosives. Optical Engineering, 2020, 59, 1.  | 1.0  | 9         |
| 7  | Simultaneous real-time spectroscopy using a broadband IR laser source. Optics Express, 2021, 29, 8902.   | 3.4  | 2         |
| 8  | Time resolved characterization of Fabry-Perot quantum cascade lasers for use in a broadband "white light" source. Optics Express, 2019, 27, 32609.   | 3.4  | 2         |
| 9  | Control of quantum cascade laser sources in stand-off detection of trace explosives. , 2019, , .   |      | 1         |
| 10 | Resolving surface potential variation in Ge/MoS <sub>2</sub> heterostructures with Kelvin probe force microscopy. AIP Advances, 2021, 11, 125105.  | 1.3  | 1         |