

# Arash Nikniazi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/938761/publications.pdf>

Version: 2024-02-01

12  
papers

172  
citations

1937685

4  
h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

235  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Photonic crystal based biosensors: Emerging inverse opals for biomarker detection. <i>Talanta</i> , 2021, 221, 121615.   | 5.5 | 73        |
| 2  | Hot-Probe Method for Majority Charge Carrier Determination in Methylammonium Lead Halide Perovskites. <i>IEEE Journal of Photovoltaics</i> , 2021, 11, 368-373.  | 2.5 | 2         |
| 3  | Development of parabolic luminescent solar concentrators by 3D printing. , 2021, , .   |     | 1         |
| 4  | Single-Crystal Bismuth Thiophosphate, BiPS <sub>4</sub> , as a Nontoxic and Mechanically Robust X-ray Detector. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 56296-56301.                       | 8.0 | 1         |
| 5  | Bulk luminescent solar concentrators based on organic-inorganic CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> perovskite fluorophores. <i>Solar Energy Materials and Solar Cells</i> , 2019, 192, 44-51. | 6.2 | 32        |
| 6  | Effect of plasmonic coupling on photothermal behavior of random nanoparticles. <i>Optics Communications</i> , 2018, 420, 52-58.  | 2.1 | 17        |
| 7  | Optimizing the concentration of colloidal suspensions in convective assembly of centimeter-sized uniform monolayer colloidal crystals. <i>Applied Surface Science</i> , 2018, 434, 898-904.                  | 6.1 | 7         |
| 8  | Solar Cells - Research and Application Perspectives. , 2013, , .   |     | 11        |
| 9  | Hybrid Solar Cells Based on Silicon. , 2011, , .   |     | 1         |
| 10 | Solar Cells - Silicon Wafer-Based Technologies. , 2011, , .  |     | 15        |
| 11 | Optimization of Third Generation Nanostructured Silicon- Based Solar Cells. , 0, , .   |     | 7         |
| 12 | Inorganic-Organic Perovskite Solar Cells. , 0, , .   |     | 5         |