

# Yingchi Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11916358/publications.pdf>

Version: 2024-02-01

8  
papers

279  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

660  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Light-trapping nano-structures in organic photovoltaic cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 16293.  | 6.7  | 88        |
| 2 | Minority carrier transport length of electrodeposited Cu <sub>2</sub> O in ZnO/Cu <sub>2</sub> O heterojunction solar cells. <i>Applied Physics Letters</i> , 2011, 98, .   | 3.3  | 64        |
| 3 | Minimizing interfacial losses in inverted organic solar cells comprising Al-doped ZnO. <i>Applied Physics Letters</i> , 2012, 100, .  | 3.3  | 41        |
| 4 | Interplay between Bimolecular Recombination and Carrier Transport Distances in Bulk Heterojunction Organic Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 477-486.                                      | 19.5 | 36        |
| 5 | Effects of nano-patterned versus simple flat active layers in upright organic photovoltaic devices. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 024008.   | 2.8  | 25        |
| 6 | Role of Thin n-Type Metal-Oxide Interlayers in Inverted Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3846-3851.  | 8.0  | 13        |
| 7 | Modifications in Morphology Resulting from Nanoimprinting Bulk Heterojunction Blends for Light Trapping Organic Solar Cell Designs. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 8225-8230.           | 8.0  | 8         |
| 8 | Balance between light trapping and charge carrier collection: Electro-photonic optimization of organic photovoltaics with ridge-patterned back electrodes. <i>Journal of Applied Physics</i> , 2013, 113, 244503. | 2.5  | 4         |