

# Xiong Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6669949/publications.pdf>

Version: 2024-02-01

15  
papers

7,562  
citations

567281

15  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

8730  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A hole-conductor-free, fully printable mesoscopic perovskite solar cell with high stability. <i>Science</i> , 2014, 345, 295-298.  | 12.6 | 2,685     |
| 2  | A vacuum flash-assisted solution process for high-efficiency large-area perovskite solar cells. <i>Science</i> , 2016, 353, 58-62.   | 12.6 | 1,636     |
| 3  | Improved performance and stability of perovskite solar cells by crystal crosslinking with alkylphosphonic acid ammonium chlorides. <i>Nature Chemistry</i> , 2015, 7, 703-711.   | 13.6 | 1,033     |
| 4  | Beyond Efficiency: the Challenge of Stability in Mesoscopic Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1501066.   | 19.5 | 395       |
| 5  | Outdoor Performance and Stability under Elevated Temperatures and Long-Term Light Soaking of Triple-Layer Mesoporous Perovskite Photovoltaics. <i>Energy Technology</i> , 2015, 3, 551-555.  | 3.8  | 336       |
| 6  | Stable Large-Area (10 <sup>2</sup> × 10 <sup>2</sup> cm <sup>2</sup> ) Printable Mesoscopic Perovskite Module Exceeding 10% Efficiency. <i>Solar Rrl</i> , 2017, 1, 1600019.   | 5.8  | 272       |
| 7  | Multifunctional molecular modulators for perovskite solar cells with over 20% efficiency and high operational stability. <i>Nature Communications</i> , 2018, 9, 4482.   | 12.8 | 266       |
| 8  | Hole-Conductor-Free Fully Printable Mesoscopic Solar Cell with Mixed-Anion Perovskite CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> (3 <sup>+</sup> )(BF <sub>4</sub> ) <sub>x</sub> . <i>Advanced Energy Materials</i> , 2016, 6, 1502009. | 10.3 | 153       |
| 9  | The size effect of TiO <sub>2</sub> nanoparticles on a printable mesoscopic perovskite solar cell. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9103-9107.   | 10.3 | 146       |
| 10 | Effect of guanidinium on mesoscopic perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 73-78.  | 10.3 | 144       |
| 11 | Perovskite Photovoltaics with Outstanding Performance Produced by Chemical Conversion of Bilayer Mesostructured Lead Halide/TiO <sub>2</sub> Films. <i>Advanced Materials</i> , 2016, 28, 2964-2970.   | 21.0 | 141       |
| 12 | Solvent effect on the hole-conductor-free fully printable perovskite solar cells. <i>Nano Energy</i> , 2016, 27, 130-137.  | 16.0 | 137       |
| 13 | Air Processed Inkjet Infiltrated Carbon Based Printed Perovskite Solar Cells with High Stability and Reproducibility. <i>Advanced Materials Technologies</i> , 2017, 2, 1600183.   | 5.8  | 33        |
| 14 | Improved performance and stability of perovskite solar modules by interface modulating with graphene oxide crosslinked CsPbBr <sub>3</sub> quantum dots. <i>Energy and Environmental Science</i> , 2022, 15, 244-253.                          | 30.8 | 24        |
| 15 | Improved Performance and Stability of Perovskite Solar Modules by Regulating Interfacial Ion Diffusion with Nonionic Crosslinked 1D Lead Iodide. <i>Advanced Energy Materials</i> , 2022, 12, .  | 19.5 |           |