

Erfan Shirzadi

List of Publications by Year in descending order

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4
papers

216
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1936888

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2272555

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418
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Deconvolution of Light-Induced Ion Migration Phenomena by Statistical Analysis of Cathodoluminescence in Lead Halide-Based Perovskites. <i>Advanced Science</i> , 2022, 9, e2103729. | 5.6 | 13 |
| 2 | Passivation Mechanism Exploiting Surface Dipoles Affords High-Performance Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 11428-11433. | 6.6 | 107 |
| 3 | Introduction of a Bifunctional Cation Affords Perovskite Solar Cells Stable at Temperatures Exceeding 80 °C. <i>ACS Energy Letters</i> , 2019, 4, 2989-2994. | 8.8 | 18 |
| 4 | Auto-passivation of crystal defects in hybrid imidazolium/methylammonium lead iodide films by fumigation with methylamine affords high efficiency perovskite solar cells. <i>Nano Energy</i> , 2019, 58, 105-111. | 8.2 | 78 |