

Benedikt Krogmeier

List of Publications by Year in descending order

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8
papers

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1162889
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1244
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Understanding Transient Photoluminescence in Halide Perovskite Layer Stacks and Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2003489. | 10.2 | 117 |
| 2 | Consistent Interpretation of Electrical and Optical Transients in Halide Perovskite Layers and Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2102290. | 10.2 | 25 |
| 3 | Analyzing Interface Recombination in Lead-Halide Perovskite Solar Cells with Organic and Inorganic Hole-Transport Layers. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000366. | 1.9 | 53 |
| 4 | Extracting Recombination Parameters from Impedance Measurements on Organic Solar Cells. <i>Physical Review Applied</i> , 2019, 11, . | 1.5 | 8 |
| 5 | Open-Circuit Voltages Exceeding 1.26 V in Planar Methylammonium Lead Iodide Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2019, 4, 110-117. | 8.8 | 296 |
| 6 | Quantitative analysis of the transient photoluminescence of $\text{CH}_3\text{NH}_3\text{PbI}_3/\text{PC}_61\text{BM}$ heterojunctions by numerical simulations. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1027-1034. | 2.5 | 103 |
| 7 | Developing design criteria for organic solar cells using well-absorbing non-fullerene acceptors. <i>Communications Physics</i> , 2018, 1, . | 2.0 | 23 |
| 8 | Discriminating between surface and bulk recombination in organic solar cells by studying the thickness dependence of the open-circuit voltage. <i>Applied Physics Letters</i> , 2016, 109, . | 1.5 | 23 |