

Frank-Julian Kahle

List of Publications by Year in descending order

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papers

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909
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Crosslinked Semiconductor Polymers for Photovoltaic Applications. <i>Advanced Energy Materials</i> , 2017, 7, 1700306. | 19.5 | 64 |
| 2 | Monomolecular and Bimolecular Recombination of Electron-Hole Pairs at the Interface of a Bilayer Organic Solar Cell. <i>Advanced Functional Materials</i> , 2017, 27, 1604906. | 14.9 | 57 |
| 3 | How to interpret absorption and fluorescence spectra of charge transfer states in an organic solar cell. <i>Materials Horizons</i> , 2018, 5, 837-848. | 12.2 | 57 |
| 4 | The Impact of Driving Force and Temperature on the Electron Transfer in Donor-Acceptor Blend Systems. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22739-22752. | 3.1 | 52 |
| 5 | What is the Binding Energy of a Charge Transfer State in an Organic Solar Cell?. <i>Advanced Energy Materials</i> , 2019, 9, 1900814. | 19.5 | 52 |
| 6 | Does Electron Delocalization Influence Charge Separation at Donor-Acceptor Interfaces in Organic Photovoltaic Cells?. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21792-21802. | 3.1 | 33 |
| 7 | Compact Layers of Hybrid Halide Perovskites Fabricated via the Aerosol Deposition Process—Uncoupling Material Synthesis and Layer Formation. <i>Materials</i> , 2016, 9, 277. | 2.9 | 22 |
| 8 | Polarized blue photoluminescence of mesoscopically ordered electrospun non-conjugated polyacrylonitrile nanofibers. <i>Materials Horizons</i> , 2020, 7, 1605-1612. | 12.2 | 22 |
| 9 | Influence of crosslinking on charge carrier mobility in crosslinkable polyfluorene derivatives. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 112-120. | 2.1 | 14 |
| 10 | Facile Synthesis and Chain-Length Dependence of the Optical and Structural Properties of Diketopyrrolopyrrole-Based Oligomers. <i>Chemistry - A European Journal</i> , 2017, 23, 13718-13723. | 3.3 | 11 |
| 11 | Versatile Approach to Well-Defined Oligofluorenes and Polyfluorenes with Low Dispersity. <i>Macromolecules</i> , 2020, 53, 10137-10146. | 4.8 | 7 |
| 12 | Static and Dynamic Disorder of Charge Transfer States Probed by Optical Spectroscopy. <i>Advanced Energy Materials</i> , 2022, 12, . | 19.5 | 7 |
| 13 | Organic Bidirectional Phototransistors Based on Diketopyrrolopyrrole and Fullerene. <i>Advanced Functional Materials</i> , 2019, 29, 1805684. | 14.9 | 5 |
| 14 | Facile Method for the Investigation of Temperature-Dependent C_{60} Diffusion in Conjugated Polymers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21499-21509. | 8.0 | 4 |