

# Frank-Julian Kahle

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Static and Dynamic Disorder of Charge Transfer States Probed by Optical Spectroscopy. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	7
2	Versatile Approach to Well-Defined Oligofluorenes and Polyfluorenes with Low Dispersity. <i>Macromolecules</i> , 2020, 53, 10137-10146.	4.8	7
3	Polarized blue photoluminescence of mesoscopically ordered electrospun non-conjugated polyacrylonitrile nanofibers. <i>Materials Horizons</i> , 2020, 7, 1605-1612.	12.2	22
4	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
5	Organic Bidirectional Phototransistors Based on Diketopyrrolopyrrole and Fullerene. <i>Advanced Functional Materials</i> , 2019, 29, 1805684.	14.9	5
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	Facile Method for the Investigation of Temperature-Dependent $C_{60}$ Diffusion in Conjugated Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21499-21509.	8.0	4
8	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
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	Crosslinked Semiconductor Polymers for Photovoltaic Applications. <i>Advanced Energy Materials</i> , 2017, 7, 1700306.	19.5	64
11	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
12	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
13	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
14	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