

Hendrik Utzat

List of Publications by Year in descending order

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14
papers

639
citations

932766

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1281420

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14
docs citations

14
times ranked

1298
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz Field-Induced Reemergence of Quenched Photoluminescence in Quantum Dots. Nano Letters, 2022, , .	4.5	0
2	Lifetime-resolved photon-correlation Fourier spectroscopy. Optics Express, 2021, 29, 14293.	1.7	0
3	Resolving the Triexciton Recombination Pathway in CdSe/CdS Nanocrystals through State-Specific Correlation Measurements. Nano Letters, 2021, 21, 7457-7464.	4.5	13
4	All-optical fluorescence blinking control in quantum dots with ultrafast mid-infrared pulses. Nature Nanotechnology, 2021, 16, 1355-1361.	15.6	21
5	Blue Light Emitting Defective Nanocrystals Composed of Earth-Abundant Elements. Angewandte Chemie - International Edition, 2020, 59, 860-867.	7.2	20
6	Blue Light Emitting Defective Nanocrystals Composed of Earth-Abundant Elements. Angewandte Chemie, 2020, 132, 870-877.	1.6	12
7	Nanocrystal synthesis, $\frac{1}{4}$ fluidic sample dilution and direct extraction of single emission linewidths in continuous flow. Lab on A Chip, 2020, 20, 1975-1980.	3.1	0
8	Effect of Spectral Diffusion on the Coherence Properties of a Single Quantum Emitter in Hexagonal Boron Nitride. Journal of Physical Chemistry Letters, 2020, 11, 1330-1335.	2.1	31
9	Discovery of blue singlet exciton fission molecules via a high-throughput virtual screening and experimental approach. Journal of Chemical Physics, 2019, 151, 121102.	1.2	24
10	Coherent single-photon emission from colloidal lead halide perovskite quantum dots. Science, 2019, 363, 1068-1072.	6.0	345
11	Multiexciton Lifetimes Reveal Triexciton Emission Pathway in CdSe Nanocrystals. Nano Letters, 2018, 18, 5153-5158.	4.5	27
12	Photophysical Study of DPPTA/PC ₇₀ BM Blends and Solar Devices as a Function of Fullerene Loading: An Insight into EQE Limitations of DPPA-Based Polymers. Advanced Functional Materials, 2017, 27, 1604426.	7.8	13
13	Probing Linewidths and Biexciton Quantum Yields of Single Cesium Lead Halide Nanocrystals in Solution. Nano Letters, 2017, 17, 6838-6846.	4.5	62
14	PbS Nanocrystal Emission Is Governed by Multiple Emissive States. Nano Letters, 2016, 16, 6070-6077.	4.5	71