

Hendrik Utzat

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

639
citations

932766

10
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1281420

11
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14
all docs

14
docs citations

14
times ranked

1298
citing authors

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