

Giulia Biffi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Directional Anisotropy of the Vibrational Modes in 2D-Layered Perovskites. ACS Nano, 2020, 14, 4689-4697.	14.6	69
2	A Semi-Classical View on Epsilon-Near-Zero Resonant Tunneling Modes in Metal/Insulator/Metal Nanocavities. Nano Letters, 2019, 19, 3151-3160.	9.1	56
3	Robustness to High Temperatures of Al ₂ O ₃ -Coated CsPbBr ₃ Nanocrystal Thin Films with High-Photoluminescence Quantum Yield for Light Emission. ACS Applied Nano Materials, 2020, 3, 8167-8175.	5.0	26
4	Hybridization of epsilon-near-zero modes via resonant tunneling in layered metal-insulator double nanocavities. Nanophotonics, 2019, 8, 1505-1512.	6.0	25
5	Phase Transitions in Low-Dimensional Layered Double Perovskites: The Role of the Organic Moieties. Journal of Physical Chemistry Letters, 2021, 12, 280-286.	4.6	23
6	Engineering the Optical Emission and Robustness of Metal-Halide Layered Perovskites through Ligand Accommodation. Advanced Materials, 2021, 33, e2008004.	21.0	23
7	Angle and Polarization Selective Spontaneous Emission in Dye-Doped Metal/Insulator/Metal Nanocavities. Advanced Optical Materials, 2020, 8, 1901215.	7.3	18
8	Revealing Photoluminescence Modulation from Layered Halide Perovskite Microcrystals upon Cyclic Compression. Advanced Materials, 2019, 31, e1805608.	21.0	16
9	Fast Intrinsic Emission Quenching in Cs ₄ PbBr ₆ Nanocrystals. Nano Letters, 2021, 21, 8619-8626.	9.1	16
10	Methylammonium Governs Structural and Optical Properties of Hybrid Lead Halide Perovskites through Dynamic Hydrogen Bonding. Chemistry of Materials, 2021, 33, 8524-8533.	6.7	14
11	Correlating Symmetries of Low-Frequency Vibrations and Self-Trapped Excitons in Layered Perovskites for Light Emission with Different Colors. Small, 2022, , 2106759.	10.0	10
12	One-Dimensional Epsilon-Near-Zero Crystals. Advanced Photonics Research, 2021, 2, 2100053.	3.6	7
13	Paper Sensors Based on Fluorescence Changes of Carbon Nanodots for Optical Detection of Nanomaterials. Sustainability, 2021, 13, 11896.	3.2	3