

Marc MelÃ©ndez

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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326
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton diffusion in two-dimensional metal-halide perovskites. <i>Nature Communications</i> , 2020, 11, 2035.	12.8	113
2	Hydrodynamics of Quartz-Crystal-Microbalance DNA Sensors Based on Liposome Amplifiers. <i>Physical Review Applied</i> , 2020, 13, .	3.8	15
3	Mapping the Trap-State Landscape in 2D Metal-Halide Perovskites Using Transient Photoluminescence Microscopy. <i>Advanced Optical Materials</i> , 2021, 9, 2001875.	7.3	15
4	Sectoral multipole focused beams. <i>Optics Express</i> , 2019, 27, 16384.	3.4	13
5	Halide Mixing Inhibits Exciton Transport in Two-dimensional Perovskites Despite Phase Purity. <i>ACS Energy Letters</i> , 2022, 7, 358-365.	17.4	12
6	Load Impedance of Immersed Layers on the Quartz Crystal Microbalance: A Comparison with Colloidal Suspensions of Spheres. <i>Langmuir</i> , 2020, 36, 9225-9234.	3.5	9
7	Gibbs-Jaynes Entropy Versus Relative Entropy. <i>Journal of Statistical Physics</i> , 2014, 155, 93-105.	1.2	6
8	Quantitative description of the response of finite size adsorbates on a quartz crystal microbalance in liquids using analytical hydrodynamics. <i>Soft Matter</i> , 2021, 17, 8160-8174.	2.7	6
9	Optofluidic control of the dispersion of nanoscale dumbbells. <i>Physical Review E</i> , 2019, 99, 022603.	2.1	5
10	Approximating the entire spectrum of nonequilibrium steady-state distributions using relative entropy: An application to thermal conduction. <i>Physical Review E</i> , 2015, 92, 023304.	2.1	1
11	Mapping the Trap-State Landscape in 2D Metal-Halide Perovskites Using Transient Photoluminescence Microscopy (<i>Advanced Optical Materials</i> 18/2021). <i>Advanced Optical Materials</i> , 2021, 9, 2170072.	7.3	1