

# Marc MelÃ©ndez

## List of Publications by Year in descending order

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