

Monica Lorenzon

List of Publications by Year in descending order

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15
papers

1,346
citations

623734

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996975

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docs citations

15
times ranked

2402
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-area luminescent solar concentrators based on "Stokes-shift-engineered"™ nanocrystals in a mass-polymerized PMMA matrix. <i>Nature Photonics</i> , 2014, 8, 392-399.	31.4	568
2	Role of Nonradiative Defects and Environmental Oxygen on Exciton Recombination Processes in CsPbBr ₃ Perovskite Nanocrystals. <i>Nano Letters</i> , 2017, 17, 3844-3853.	9.1	101
3	Trap-Mediated Two-Step Sensitization of Manganese Dopants in Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 85-93.	17.4	92
4	Efficient Solution-Processed Nanoplatelet-Based Light-Emitting Diodes with High Operational Stability in Air. <i>Nano Letters</i> , 2018, 18, 3441-3448.	9.1	88
5	High-Efficiency All-Solution-Processed Light-Emitting Diodes Based on Anisotropic Colloidal Heterostructures with Polar Polymer Injecting Layers. <i>Nano Letters</i> , 2015, 15, 5455-5464.	9.1	69
6	Reversed oxygen sensing using colloidal quantum wells towards highly emissive photoresponsive varnishes. <i>Nature Communications</i> , 2015, 6, 6434.	12.8	66
7	Excitonic pathway to photoinduced magnetism in colloidal nanocrystals with nonmagnetic dopants. <i>Nature Nanotechnology</i> , 2018, 13, 145-151.	31.5	64
8	Neutral Exciton Diffusion in Monolayer MoS ₂ . <i>ACS Nano</i> , 2020, 14, 13433-13440.	14.6	62
9	Spectro-electrochemical Probing of Intrinsic and Extrinsic Processes in Exciton Recombination in In ^{III} VI ₂ Nanocrystals. <i>Nano Letters</i> , 2017, 17, 4508-4517.	9.1	60
10	Long-Range Exciton Diffusion in Two-Dimensional Assemblies of Cesium Lead Bromide Perovskite Nanocrystals. <i>ACS Nano</i> , 2020, 14, 6999-7007.	14.6	57
11	O ₂ as a molecular probe for nonradiative surface defects in CsPbBr ₃ perovskite nanostructures and single crystals. <i>Nanoscale</i> , 2019, 11, 7613-7623.	5.6	35
12	Electrochemical Control of Two-Color Emission from Colloidal Dot-in-Bulk Nanocrystals. <i>Nano Letters</i> , 2014, 14, 3855-3863.	9.1	30
13	Single-Particle Ratiometric Pressure Sensing Based on "Double-Sensor" Colloidal Nanocrystals. <i>Nano Letters</i> , 2017, 17, 1071-1081.	9.1	26
14	MUC4 is a valuable marker for distinguishing secretory carcinoma of the salivary glands from its mimics. <i>Histopathology</i> , 2021, 79, 315-324.	2.9	22
15	Improved Stability and Exciton Diffusion of Self-Assembled 2D Lattices of Inorganic Perovskite Nanocrystals by Atomic Layer Deposition. <i>Advanced Optical Materials</i> , 2020, 8, 2000900.	7.3	6