Georgian Nedelcu

List of Publications by Year
in descending order

22 papers	7,423 citations	516215 16 h-index	752256 20 g-index
23 all docs	23 docs citations	23 times ranked	7946 citing authors

#	Article	IF	Citations
1	Fast Anion-Exchange in Highly Luminescent Nanocrystals of Cesium Lead Halide Perovskites (CsPbX₃, X = Cl, Br, I). Nano Letters, 2015, 15, 5635-5640.	4.5	1,938
2	Highly Dynamic Ligand Binding and Light Absorption Coefficient of Cesium Lead Bromide Perovskite Nanocrystals. ACS Nano, 2016, 10, 2071-2081.	7.3	1,448
3	Low-threshold amplified spontaneous emission and lasing from colloidal nanocrystals of caesium lead halide perovskites. Nature Communications, 2015, 6, 8056.	5.8	1,278
4	Bright triplet excitons in caesium lead halide perovskites. Nature, 2018, 553, 189-193.	13.7	716
5	Synthesis of Cesium Lead Halide Perovskite Nanocrystals in a Droplet-Based Microfluidic Platform: Fast Parametric Space Mapping. Nano Letters, 2016, 16, 1869-1877.	4.5	425
6	Efficient Blue Electroluminescence Using Quantum-Confined Two-Dimensional Perovskites. ACS Nano, 2016, 10, 9720-9729.	7.3	299
7	Single Cesium Lead Halide Perovskite Nanocrystals at Low Temperature: Fast Single-Photon Emission, Reduced Blinking, and Exciton Fine Structure. ACS Nano, 2016, 10, 2485-2490.	7.3	299
8	Highâ€Temperature Photoluminescence of CsPbX₃ (X = Cl, Br, I) Nanocrystals. Advanced Functional Materials, 2017, 27, 1606750.	7.8	242
9	Lead Halide Perovskites and Other Metal Halide Complexes As Inorganic Capping Ligands for Colloidal Nanocrystals. Journal of the American Chemical Society, 2014, 136, 6550-6553.	6.6	241
10	Energy Transfer between Inorganic Perovskite Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 13310-13315.	1.5	106
11	Crystal Structure, Morphology, and Surface Termination of Cyan-Emissive, Six-Monolayers-Thick CsPbBr₃ Nanoplatelets from X-ray Total Scattering. ACS Nano, 2019, 13, 14294-14307.	7.3	79
12	Temperature Dependence of the Amplified Spontaneous Emission from CsPbBr₃ Nanocrystal Thin Films. Journal of Physical Chemistry C, 2018, 122, 5813-5819.	1.5	71
13	Localized holes and delocalized electrons in photoexcited inorganic perovskites: Watching each atomic actor by picosecond X-ray absorption spectroscopy. Structural Dynamics, 2017, 4, 044002.	0.9	61
14	Long Exciton Dephasing Time and Coherent Phonon Coupling in CsPbBr₂Cl Perovskite Nanocrystals. Nano Letters, 2018, 18, 7546-7551.	4.5	60
15	Material Dimensionality Effects on Electron Transfer Rates Between CsPbBr₃ and CdSe Nanoparticles. Nano Letters, 2018, 18, 4771-4776.	4.5	49
16	Structural Dynamics and Tunability for Colloidal Tin Halide Perovskite Nanostructures. Advanced Materials, 2022, 34, e2201353.	11.1	16
17	Magnetic Manipulation of Spontaneous Emission from Inorganic CsPbBr₃ Perovskites Nanocrystals. Advanced Optical Materials, 2016, 4, 2004-2008.	3.6	14
18	Size Segregation and Atomic Structural Coherence in Spontaneous Assemblies of Colloidal Cesium Lead Halide Nanocrystals. Chemistry of Materials, 2022, 34, 594-608.	3.2	14

#	Article	IF	Citations
19	Full-color tuning in binary polymer:perovskite nanocrystals organic-inorganic hybrid blends. Applied Physics Letters, 2018, 112, .	1.5	13
20	Bright Triplet Emission from Lead Halide Perovskite Nanocrystals. , 0, , .		0
21	Bright Triplet Emission from Lead Halide Perovskite Nanocrystals. , 0, , .		0
22	Hot Carrier Cooling Dynamics in Lead Halide Perovskite Nanomaterials. , 0, , .		0