Aurelio A Rossinelli

List of Publications by Year
in descending order

23 papers	1,326 citations	759233 12 h-index	888059 17 g-index
24 all docs	24 docs citations	24 times ranked	2386 citing authors

#	Article	IF	Citations
1	Plasmonic Films Can Easily Be Better: Rules and Recipes. ACS Photonics, 2015, 2, 326-333.	6.6	818
2	Slow-Injection Growth of Seeded CdSe/CdS Nanorods with Unity Fluorescence Quantum Yield and Complete Shell to Core Energy Transfer. ACS Nano, 2016, 10, 3295-3301.	14.6	92
3	High-temperature growth of thick-shell CdSe/CdS core/shell nanoplatelets. Chemical Communications, 2017, 53, 9938-9941.	4.1	75
4	Ultraviolet Plasmonic Chirality from Colloidal Aluminum Nanoparticles Exhibiting Chargeâ€Selective Protein Detection. Advanced Materials, 2015, 27, 6244-6250.	21.0	63
5	Compositional Grading for Efficient and Narrowband Emission in CdSe-Based Core/Shell Nanoplatelets. Chemistry of Materials, 2019, 31, 9567-9578.	6.7	59
6	Unraveling the Growth Mechanism of Magic-Sized Semiconductor Nanocrystals. Journal of the American Chemical Society, 2021, 143, 2037-2048.	13.7	56
7	Observation of Electron Shakeup in CdSe/CdS Core/Shell Nanoplatelets. Nano Letters, 2019, 19, 8495-8502.	9.1	34
8	Trion Emission Dominates the Low-Temperature Photoluminescence of CdSe Nanoplatelets. Nano Letters, 2020, 20, 5814-5820.	9.1	27
9	Experimental Evidence for Two-Dimensional Ostwald Ripening in Semiconductor Nanoplatelets. Chemistry of Materials, 2020, 32, 3312-3319.	6.7	25
10	Room-Temperature Strong Coupling of CdSe Nanoplatelets and Plasmonic Hole Arrays. Nano Letters, 2019, 19, 108-115.	9.1	23
11	Bulk and surface transformations of Ga2O3 nanoparticle catalysts for propane dehydrogenation induced by a H2 treatment. Journal of Catalysis, 2022, 408, 155-164.	6.2	18
12	Identifying reactive organo-selenium precursors in the synthesis of CdSe nanoplatelets. Chemical Communications, 2018, 54, 11789-11792.	4.1	15
13	Role of Gain in Fabryâ€“PÃ©rot Surface Plasmon Polariton Lasers. ACS Photonics, 0, , .	6.6	7
14	Polarization-based colour tuning of mixed colloidal quantum-dot thin films using direct patterning. Nanoscale, 2022, 14, 4929-4934.	5.6	5
15	Compact Plasmonic Distributed-Feedback Lasers as Dark Sources of Surface Plasmon Polaritons. ACS Nano, 2021, 15, 9935-9944.	14.6	4
16	Template Stripping of Perovskite Thin Films for Dry Interfacing and Surface Structuring. ACS Applied Materials & Interfaces, 2020, 12, 26601-26606.	8.0	2
17	Active Mode Switching in Plasmonic Microlasers by Spatial Control of Optical Gain. Nano Letters, 2021, 21, 8952-8959.	9.1	2
18	Nanophotonic Approach to Study Excited-State Dynamics in Semiconductor Nanocrystals. Journal of Physical Chemistry Letters, 2022, 13, 4145-4151.	4.6	1

#	Article	IF	Citations
19	Color-Tunable CdSe-Based Core/Shell Nanoplatelets. , 0, , .		0
20	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
21	A local-density-of-optical-states approach to excited-state dynamics of colloidal semiconductor nanocrystals. , 0, , .		0
22	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
23	Color-Tunable CdSe-Based Core/Shell Nanoplatelets. , 0, , .		0