

Aurelio A Rossinelli

List of Publications by Year in descending order

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Version: 2024-02-01

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

#	ARTICLE	IF	CITATIONS
19	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
20	A local-density-of-optical-states approach to excited-state dynamics of colloidal semiconductor nanocrystals. , 0, , .		0
21	Synthesis and Isolation of Discrete-Growing CdSe Nanocrystals. , 0, , .		0
22	Color-Tunable CdSe-Based Core/Shell Nanoplatelets. , 0, , .		0
23	Role of Gain in Fabry-Pérot Surface Plasmon Polariton Lasers. ACS Photonics, 0, , .	6.6	7