

Alberto Lauri

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

279
citations

1307594

7
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Screening of the Energy of Hot Holes over a Particle Plasmon Resonance. Nano Letters, 2019, 19, 1867-1874.	9.1	106
2	Anapole Excitations in Oxygen-Vacancy-Rich TiO ₂ Nanoresonators: Tuning the Absorption for Photocatalysis in the Visible Spectrum. ACS Nano, 2020, 14, 2456-2464.	14.6	58
3	TiO ₂ -Enhanced IR Hot Carrier Based Photodetection in Metal Thin Film-Si Junctions. ACS Photonics, 2019, 6, 953-960.	6.6	31
4	Monitoring plasmonic hot-carrier chemical reactions at the single particle level. Faraday Discussions, 2019, 214, 73-87.	3.2	28
5	Autocatalytic Metallization of Fabrics Using Si Ink, for Biosensors, Batteries and Energy Harvesting. Advanced Functional Materials, 2019, 29, 1804798.	14.9	27
6	Light guidance in photonic band gap guiding dual-ring light cages implemented by direct laser writing. Optics Letters, 2019, 44, 4016.	3.3	17
7	3D Confocal Raman Tomography to Probe Field Enhancements inside Supercluster Metamaterials. ACS Photonics, 2017, 4, 2070-2077.	6.6	11
8	Hot carrier optoelectronics with titanium nitride. , 2020, , .		1
9	Fabric Electronics: Autocatalytic Metallization of Fabrics Using Si Ink, for Biosensors, Batteries and Energy Harvesting (Adv. Funct. Mater. 1/2019). Advanced Functional Materials, 2019, 29, 1970002.	14.9	0
10	IR hot carrier based photodetection in titanium nitride oxide thin film-Si junctions. MRS Advances, 2020, 5, 1843-1850.	0.9	0
11	Collective modes of self-assembled supercluster metamaterials: towards label-free sensing. , 2019, , .		0