

Andrea Jacassi

List of Publications by Year in descending order

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15
papers

379
citations

1163117

8
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Dielectric Silicon Nanoslots for $\epsilon_r > 3$ Photoluminescence Enhancement. Physical Review Applied, 2020, 14, .	3.8	17
2	IR hot carrier based photodetection in titanium nitride oxide thin film-Si junctions. MRS Advances, 2020, 5, 1843-1850.	0.9	0
3	Negative Refraction in Time-Varying Strongly Coupled Plasmonic-Antenna "Epsilon-Near-Zero Systems. Physical Review Letters, 2020, 124, 043902.	7.8	69
4	Site-Selective Integration of MoS ₂ Flakes on Nanopores by Means of Electrophoretic Deposition. ACS Omega, 2019, 4, 9294-9300.	3.5	16
5	Plasmonic nanopore prepared on MoS ₂ membrane - hybrid nanostructures based on site selective deposition. , 2019, , .		0
6	Enhanced Raman Investigation of Cell Membrane and Intracellular Compounds by 3D Plasmonic Nanoelectrode Arrays. Advanced Science, 2018, 5, 1800560.	11.2	47
7	Plasmonic meta-electrodes allow intracellular recordings at network level on high-density CMOS-multi-electrode arrays. Nature Nanotechnology, 2018, 13, 965-971.	31.5	78
8	Combination of scanning probe technology with photonic nanojets. Scientific Reports, 2017, 7, 3474.	3.3	63
9	Scanning Probe Photonic Nanojet Lithography. ACS Applied Materials & Interfaces, 2017, 9, 32386-32393.	8.0	36
10	Mimicking and interfacing neuro-biological architectures with nanostructured materials. , 2016, , .		0
11	Modified three-dimensional nanoantennas for infrared hydrogen detection. Microelectronic Engineering, 2016, 162, 105-109.	2.4	9
12	3D coaxial out-of-plane metallic antennas for filtering and multi-spectral imaging in the infrared range. Scientific Reports, 2016, 6, 28738.	3.3	3
13	Fabrication of ZnO nanoflowers on gold coated pillars. Microelectronic Engineering, 2015, 141, 51-55.	2.4	2
14	Hybridization in Three Dimensions: A Novel Route toward Plasmonic Metamolecules. Nano Letters, 2015, 15, 5200-5207.	9.1	39
15	3D hollow nanostructures as high quality plasmonic nanocavities for multipurpose applications. Proceedings of SPIE, 2015, , .	0.8	0