

# Andrea Jacassi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7977365/publications.pdf>

Version: 2024-02-01

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	Plasmonic meta-electrodes allow intracellular recordings at network level on high-density CMOS-multi-electrode arrays. <i>Nature Nanotechnology</i> , 2018, 13, 965-971.	31.5	78
2	Negative Refraction in Time-Varying Strongly Coupled Plasmonic-Antenna "Epsilon-Near-Zero Systems. <i>Physical Review Letters</i> , 2020, 124, 043902.	7.8	69
3	Combination of scanning probe technology with photonic nanojets. <i>Scientific Reports</i> , 2017, 7, 3474.	3.3	63
4	Enhanced Raman Investigation of Cell Membrane and Intracellular Compounds by 3D Plasmonic Nanoelectrode Arrays. <i>Advanced Science</i> , 2018, 5, 1800560.	11.2	47
5	Hybridization in Three Dimensions: A Novel Route toward Plasmonic Metamolecules. <i>Nano Letters</i> , 2015, 15, 5200-5207.	9.1	39
6	Scanning Probe Photonic Nanojet Lithography. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32386-32393.	8.0	36
7	All-Dielectric Silicon Nanoslots for $\text{Er}^3+$ Photoluminescence Enhancement. <i>Physical Review Applied</i> , 2020, 14, .	3.8	17
8	Site-Selective Integration of $\text{MoS}_2$ Flakes on Nanopores by Means of Electrophoretic Deposition. <i>ACS Omega</i> , 2019, 4, 9294-9300.	3.5	16
9	Modified three-dimensional nanoantennas for infrared hydrogen detection. <i>Microelectronic Engineering</i> , 2016, 162, 105-109.	2.4	9
10	3D coaxial out-of-plane metallic antennas for filtering and multi-spectral imaging in the infrared range. <i>Scientific Reports</i> , 2016, 6, 28738.	3.3	3
11	Fabrication of ZnO nanoflowers on gold coated pillars. <i>Microelectronic Engineering</i> , 2015, 141, 51-55.	2.4	2
12	3D hollow nanostructures as high quality plasmonic nanocavities for multipurpose applications. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
13	Mimicking and interfacing neuro-biological architectures with nanostructured materials. , 2016, , .		0
14	IR hot carrier based photodetection in titanium nitride oxide thin film-Si junctions. <i>MRS Advances</i> , 2020, 5, 1843-1850.	0.9	0
15	Plasmonic nanopore prepared on $\text{MoS}_2$ membrane - hybrid nanostructures based on site selective deposition. , 2019, , .		0