

Valeria Caprettini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3709160/publications.pdf>

Version: 2024-02-01

18
papers

748
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoneedle devices for biomedicine. , 2022, , 181-206.		1
2	Biomaterials-based approaches to model embryogenesis. Biomaterials Science, 2020, 8, 6992-7013.	5.4	6
3	A ring-shaped protein clusters gold nanoparticles acting as molecular scaffold for plasmonic surfaces. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129617.	2.4	6
4	On-Demand Intracellular Delivery of Single Particles in Single Cells by 3D Hollow Nanoelectrodes. Nano Letters, 2019, 19, 722-731.	9.1	59
5	Membrane Poration Mechanisms at the Cellâ€“Nanostructure Interface. Advanced Biology, 2019, 3, e1900148.	3.0	28
6	Coaxial-like three-dimensional nanoelectrodes for biological applications. Microelectronic Engineering, 2018, 187-188, 21-26.	2.4	0
7	Selective intracellular delivery and intracellular recordings combined in MEA biosensors. Lab on A Chip, 2018, 18, 3492-3500.	6.0	34
8	Enhanced Raman Investigation of Cell Membrane and Intracellular Compounds by 3D Plasmonic Nanoelectrode Arrays. Advanced Science, 2018, 5, 1800560.	11.2	47
9	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
10	Live Intracellular Biorthogonal Imaging by Surface Enhanced Raman Spectroscopy using Alkyne-Silver Nanoparticles Clusters. Scientific Reports, 2018, 8, 12652.	3.3	23
11	Cells Adhering to 3D Vertical Nanostructures: Cell Membrane Reshaping without Stable Internalization. Nano Letters, 2018, 18, 6100-6105.	9.1	73
12	Cell Membrane Disruption by Vertical Micro-/Nanopillars: Role of Membrane Bending and Traction Forces. ACS Applied Materials & Interfaces, 2018, 10, 29107-29114.	8.0	44
13	Intracellular and Extracellular Recording of Spontaneous Action Potentials in Mammalian Neurons and Cardiac Cells with 3D Plasmonic Nanoelectrodes. Nano Letters, 2017, 17, 3932-3939.	9.1	167
14	Soft electroporation for delivering molecules into tightly adherent mammalian cells through 3D hollow nanoelectrodes. Scientific Reports, 2017, 7, 8524.	3.3	59
15	Modified three-dimensional nanoantennas for infrared hydrogen detection. Microelectronic Engineering, 2016, 162, 105-109.	2.4	9
16	SERS spectroscopy, electrical recording and intracellular injection in neuronal networks with 3D plasmonic nanoantennas. , 2016, , .		2
17	Spatially, Temporally, and Quantitatively Controlled Delivery of Broad Range of Molecules into Selected Cells through Plasmonic Nanotubes. Advanced Materials, 2015, 27, 7145-7149.	21.0	93
18	Synthesis and characterization of different immunogenic viral nanoconstructs from rotavirus VP6 inner capsid protein. International Journal of Nanomedicine, 2014, 9, 2727.	6.7	19