

# Maria Cristina Lo Giudice

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

944  
citations

686830

13  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Receptor Binding to the Biomolecular Corona of Nanoparticles. ACS Nano, 2017, 11, 1884-1893.	7.3	196
2	In situ characterization of nanoparticle biomolecular interactions in complex biological media by flow cytometry. Nature Communications, 2016, 7, 13475.	5.8	136
3	Atomic Force Microscopy-Based Force Spectroscopy and Multiparametric Imaging of Biomolecular and Cellular Systems. Chemical Reviews, 2021, 121, 11701-11725.	23.0	109
4	Mapping of Molecular Structure of the Nanoscale Surface in Bionanoparticles. Journal of the American Chemical Society, 2017, 139, 111-114.	6.6	90
5	Biological recognition of graphene nanoflakes. Nature Communications, 2018, 9, 1577.	5.8	75
6	The puzzling issue of silica toxicity: are silanols bridging the gaps between surface states and pathogenicity?. Particle and Fibre Toxicology, 2019, 16, 32.	2.8	72
7	Endophilin-A3 and Galectin-8 control the clathrin-independent endocytosis of CD166. Nature Communications, 2020, 11, 1457.	5.8	65
8	Cationic Porphyrins Are Reversible Proteasome Inhibitors. Journal of the American Chemical Society, 2012, 134, 10451-10457.	6.6	60
9	Reovirus directly engages integrin to recruit clathrin for entry into host cells. Nature Communications, 2021, 12, 2149.	5.8	28
10	Constructing bifunctional nanoparticles for dual targeting: improved grafting and surface recognition assessment of multiple ligand nanoparticles. Nanoscale, 2016, 8, 16969-16975.	2.8	24
11	High-resolution mapping and recognition of lipid domains using AFM with toxin-derivatized probes. Chemical Communications, 2018, 54, 6903-6906.	2.2	20
12	Probing ligand-receptor bonds in physiologically relevant conditions using AFM. Analytical and Bioanalytical Chemistry, 2019, 411, 6549-6559.	1.9	18
13	Control of Ligand-Binding Specificity Using Photocleavable Linkers in AFM Force Spectroscopy. Nano Letters, 2020, 20, 4038-4042.	4.5	17
14	Top-Down Approach for the Preparation of Highly Porous PLLA Microcylinders. ACS Biomaterials Science and Engineering, 2016, 2, 2099-2107.	2.6	9
15	Tuning Epithelial Cellâ€™Cell Adhesion and Collective Dynamics with Functional DNA-E-Cadherin Hybrid Linkers. Nano Letters, 2022, 22, 302-310.	4.5	9
16	Nanophysical Mapping of Inflammasome Activation by Nanoparticles via Specific Cell Surface Recognition Events. ACS Nano, 2022, 16, 306-316.	7.3	9
17	Mechanochemical Activation of Class-B G-Protein-Coupled Receptor upon Peptideâ€™Ligand Binding. Nano Letters, 2020, 20, 5575-5582.	4.5	7
18	Control of Cell Adhesion using Hydrogel Patterning Techniques for Applications in Traction Force Microscopy. Journal of Visualized Experiments, 2022, , .	0.2	0