

# Maria Cristina Lo Giudice

## List of Publications by Year in descending order

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18  
papers

944  
citations

686830

13  
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887659

17  
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20  
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20  
docs citations

20  
times ranked

1695  
citing authors

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