

# Laura Maria De Plano

## List of Publications by Year in descending order

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23  
papers

325  
citations

933447  
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h-index

839539  
18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of Phage Capsid Organization on the Resistance to High Energy Proton Beams. Applied Sciences (Switzerland), 2022, 12, 988.	2.5	2
2	Phage-Displayed Mimotopes of SARS-CoV-2 Spike Protein Targeted to Authentic and Alternative Cellular Receptors. Viruses, 2022, 14, 384.	3.3	10
3	Role of Phage Capsid in the Resistance to UV-C Radiations. International Journal of Molecular Sciences, 2021, 22, 3408.	4.1	8
4	Phage-Phenotype Imaging of Myeloma Plasma Cells by Phage Display. Applied Sciences (Switzerland), 2021, 11, 7910.	2.5	3
5	M13 Phages Uptake of Gold Nanoparticles for Radio- and Thermal-Therapy and Contrast Imaging Improvement. Applied Sciences (Switzerland), 2021, 11, 11391.	2.5	1
6	Effects of Heavy Ion Particle Irradiation on Spore Germination of Bacillus spp. from Extremely Hot and Cold Environments. Life, 2020, 10, 264.	2.4	8
7	Innovative IgG Biomarkers Based on Phage Display Microbial Amyloid Mimotope for State and Stage Diagnosis in Alzheimer's Disease. ACS Chemical Neuroscience, 2020, 11, 1013-1026.	3.5	17
8	Regulation of filamentation by bacteria and its impact on the productivity of compounds in biotechnological processes. Applied Microbiology and Biotechnology, 2020, 104, 4631-4642.	3.6	13
9	Bacteriophage Based Biosensors: Trends, Outcomes and Challenges. Nanomaterials, 2020, 10, 501.	4.1	68
10	Combinatorial Avidity Selection of Mosaic Landscape Phages Targeted at Breast Cancer Cells—An Alternative Mechanism of Directed Molecular Evolution. Viruses, 2019, 11, 785.	3.3	11
11	Glutamine-induced filamentous cells of Pseudomonas mediterranea CFBP-5447T as producers of PHAs. Applied Microbiology and Biotechnology, 2019, 103, 9057-9066.	3.6	5
12	M13 Bacteriophages as Bioreceptors in Biosensor Device. Lecture Notes in Electrical Engineering, 2019, , 147-155.	0.4	1
13	One-Step Functionalization of Silicon Nanoparticles with Phage Probes to Identify Pathogenic Bacteria. Lecture Notes in Electrical Engineering, 2019, , 157-163.	0.4	0
14	FITC-Labelled Clone from Phage Display for Direct Detection of Leukemia Cells in Blood. Lecture Notes in Electrical Engineering, 2019, , 165-172.	0.4	1
15	Evolution of a Landscape Phage Library in a Mouse Xenograft Model of Human Breast Cancer. Viruses, 2019, 11, 988.	3.3	12
16	Phage-based assay for rapid detection of bacterial pathogens in blood by Raman spectroscopy. Journal of Immunological Methods, 2019, 465, 45-52.	1.4	31
17	One-step production of phage-silicon nanoparticles by PLAL as fluorescent nanoprobe for cell identification. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	14
18	Direct conjugation of silicon nanoparticles with M13pVIII-engineered proteins to bacteria identification. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. Chemical Communications, 2018, 54, 10203-10206.	4.1	23
20	Specific and selective probes for Staphylococcus aureus from phage-displayed random peptide libraries. Colloids and Surfaces B: Biointerfaces, 2017, 157, 473-480.	5.0	23
21	A water-soluble pillar[5]arene as a new carrier for an old drug. Organic and Biomolecular Chemistry, 2017, 15, 3192-3195.	2.8	26
22	Phage- $\text{AgNPs}$ complex as SERS probe for U937 cell identification. Biosensors and Bioelectronics, 2015, 74, 398-405.	10.1	44
23	Progress Toward the Development of a Lytic Bacteriophages-Based Impedance Microbiology for Agro-Food Application. Lecture Notes in Electrical Engineering, 2015, , 83-87.	0.4	1