

# Marcella Cammarota

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,518  
citations

331670

21  
h-index

315739

38  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergence of gut permeability and mucosal immune gene expression in two gluten-associated conditions: celiac disease and gluten sensitivity. <i>BMC Medicine</i> , 2011, 9, 23.	5.5	379
2	Enteroglial-derived S100B protein integrates bacteria-induced Toll-like receptor signalling in human enteric glial cells. <i>Gut</i> , 2014, 63, 105-115.	12.1	141
3	In vitro evaluation of <i>Lactobacillus plantarum</i> DSMZ 12028 as a probiotic: Emphasis on innate immunity. <i>International Journal of Food Microbiology</i> , 2009, 135, 90-98.	4.7	70
4	Beta-Defensin-2 and Beta-Defensin-3 Reduce Intestinal Damage Caused by <i>Salmonella typhimurium</i> Modulating the Expression of Cytokines and Enhancing the Probiotic Activity of <i>Enterococcus faecium</i> . <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	2.2	61
5	Macroporous alginate foams crosslinked with strontium for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2018, 202, 72-83.	10.2	52
6	In vitro genotoxic effects of titanium dioxide nanoparticles ( $\text{TiO}_2$ ) in human sperm cells. <i>Molecular Reproduction and Development</i> , 2019, 86, 1369-1377.	2.0	51
7	Development and properties of new chitosan-based films plasticized with spermidine and/or glycerol. <i>Food Hydrocolloids</i> , 2019, 87, 245-252.	10.7	49
8	Vanillin Affects Amyloid Aggregation and Non-Enzymatic Glycation in Human Insulin. <i>Scientific Reports</i> , 2017, 7, 15086.	3.3	48
9	In vitro intestinal epithelium responses to titanium dioxide nanoparticles. <i>Food Research International</i> , 2019, 119, 634-642.	6.2	41
10	Streptomycetes as platform for biotechnological production processes of drugs. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 551-568.	3.6	39
11	Hyaluronan scaffolds via diglycidyl ether crosslinking: Toward improvements in composition and performance. <i>Carbohydrate Polymers</i> , 2013, 96, 536-544.	10.2	37
12	Black Edible Films from Protein-Containing Defatted Cake of <i>Nigella sativa</i> Seeds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 832.	4.1	34
13	Enzymatic repair of selected cross-linked homoduplex molecules enhances nuclear gene rescue from Pompeii and Herculean remains. <i>Nucleic Acids Research</i> , 2002, 30, 16e-16.	14.5	33
14	Epigenetic modulator UVI5008 inhibits MRSA by interfering with bacterial gyrase. <i>Scientific Reports</i> , 2018, 8, 13117.	3.3	31
15	Decellularized Human Dermal Matrix as a Biological Scaffold for Cardiac Repair and Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 229.	4.1	31
16	The most widespread desmosomal cadherin, desmoglein 2, is a novel target of caspase 3-mediated apoptotic machinery. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 598-606.	2.6	29
17	Gene Expression Profile of Patients with Mayer-Rokitansky-Küster-Hauser Syndrome: New Insights into the Potential Role of Developmental Pathways. <i>PLoS ONE</i> , 2014, 9, e91010.	2.5	29
18	Isolation, characterization and analysis of pro-inflammatory potential of <i>Klebsiella pneumoniae</i> outer membrane vesicles. <i>Microbial Pathogenesis</i> , 2019, 136, 103719.	2.9	28

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19	Evaluation of the Selenotranscriptome Expression in Two Hepatocellular Carcinoma Cell Lines. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-6.	1.4	27
20	Annurca apple polyphenol extract promotes mesenchymal-to-epithelial transition and inhibits migration in triple-negative breast cancer cells through ROS/JNK signaling. <i>Scientific Reports</i> , 2020, 10, 15921.	3.3	23
21	Hyaluronan hydrogels with a low degree of modification as scaffolds for cartilage engineering. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 978-989.	7.5	22
22	Evaluation of novel biomaterials for cartilage regeneration based on gelatin methacryloyl interpenetrated with extractive chondroitin sulfate or unsulfated biotechnological chondroitin. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 1210-1223.	4.0	22
23	Cytoskeleton Modifications and Autophagy Induction in TCam-2 Seminoma Cells Exposed to Simulated Microgravity. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	21
24	Effects of low concentrations of benzene on human lung cells in vitro. <i>Toxicology Letters</i> , 2009, 188, 130-136.	0.8	20
25	Matrix metalloproteinases and their inhibitors as biomarkers for metal toxicity in vitro. <i>Toxicology in Vitro</i> , 2006, 20, 1125-1132.	2.4	18
26	Unsulfated biotechnological chondroitin by itself as well as in combination with high molecular weight hyaluronan improves the inflammation profile in osteoarthritis in vitro model. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1021-1036.	2.6	18
27	Analysis of the signal transduction pathway of nickel-induced matrix metalloproteinase-2 expression in the human keratinocytes in vitro: preliminary findings. <i>Journal of Cutaneous Pathology</i> , 2007, 34, 441-447.	1.3	15
28	Effect of Mesoporous Silica Nanoparticles on Glycerol-Plasticized Anionic and Cationic Polysaccharide Edible Films. <i>Coatings</i> , 2019, 9, 172.	2.6	14
29	Hyaluronan-based hydrogels via ether-crosslinking: Is HA molecular weight an effective means to tune gel performance?. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 94-101.	7.5	14
30	Acellular Dermal Matrix Used in Diabetic Foot Ulcers: Clinical Outcomes Supported by Biochemical and Histological Analyses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7085.	4.1	14
31	A Semisynthetic Approach to New Immunoadjuvant Candidates: Site-selective Chemical Manipulation of <i>Escherichia coli</i> Monophosphoryl Lipid A. <i>Chemistry - A European Journal</i> , 2016, 22, 11053-11063.	3.3	12
32	Biotechnological Transformation of Hydrocortisone into 16 $\beta$ -Hydroxyprednisolone by Coupling <i>Arthrobacter simplex</i> and <i>Streptomyces roseochromogenes</i> . <i>Molecules</i> , 2020, 25, 4912.	3.8	11
33	Niclosamide as a Repurposing Drug against <i>Corynebacterium striatum</i> Multidrug-Resistant Infections. <i>Antibiotics</i> , 2022, 11, 651.	3.7	9
34	A time-lapse approach to examine chromium and nickel effects on wound healing in vitro. <i>Journal of Immunotoxicology</i> , 2012, 9, 392-400.	1.7	8
35	Serogroup-Specific Interaction of <i>Neisseria meningitidis</i> Capsular Polysaccharide with Host Cell Microtubules and Effects on Tubulin Polymerization. <i>Infection and Immunity</i> , 2014, 82, 265-274.	2.2	8
36	A combined fermentative-chemical approach for the scalable production of pure <i>E. coli</i> monophosphoryl lipid A. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7781-7791.	3.6	8

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37	Microgravity Induces Transient EMT in Human Keratinocytes by Early Down-Regulation of E-Cadherin and Cell-Adhesion Remodeling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 110.	2.5	7
38	Glutamic Acid as Repeating Building Block for Bio-Based Films. <i>Polymers</i> , 2020, 12, 1613.	4.5	6
39	Gelatin-biofermentative unsulfated glycosaminoglycans semi-interpenetrating hydrogels via microbial-transglutaminase crosslinking enhance osteogenic potential of dental pulp stem cells. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa052.	3.7	6
40	The gene expression profiling of hepatocellular carcinoma by a network analysis approach shows a dominance of intrinsically disordered proteins (IDPs) between hub nodes. <i>Molecular BioSystems</i> , 2015, 11, 2933-2945.	2.9	5
41	Structural characterization of the lipid A from the LPS of the haloalkaliphilic bacterium <i>Halomonas pantelleriensis</i> . <i>Extremophiles</i> , 2016, 20, 687-694.	2.3	5
42	The PI3K/AKT Pathway Is Activated by HGF in NT2D1 Non-Seminoma Cells and Has a Role in the Modulation of Their Malignant Behavior. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8669.	4.1	5
43	Optimization of Pre-Inoculum, Fermentation Process Parameters and Precursor Supplementation Conditions to Enhance Apigenin Production by a Recombinant <i>Streptomyces albus</i> Strain. <i>Fermentation</i> , 2021, 7, 161.	3.0	5
44	Potential of Biofermentative Unsulfated Chondroitin and Hyaluronic Acid in Dermal Repair. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1686.	4.1	5
45	Microgravity-Induced Cell-to-Cell Junctional Contacts Are Counteracted by Antioxidant Compounds in TCam-2 Seminoma Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8289.	2.5	3
46	An Alternative Gas-phase <i>In Vitro</i> Exposure System for Toxicity Testing: The Interaction Between Nitrous Oxide and A549 Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 2011, 39, 449-459.	1.0	2
47	Hard-to-heal wound treated with Integra Flowable Wound Matrix: analysis and clinical observations. <i>Journal of Wound Care</i> , 2021, 30, 644-652.	1.2	1
48	Decreased expression of <i>Malassezia furfur</i> virulence factors after Q-switched Nd:YAG laser irradiation. <i>European Journal of Dermatology</i> , 2021, 31, 470-472.	0.6	1
49	Optical monitoring of cell migration processes in a 3D scaffold. , 2018, , .		0