

Maria C Albertini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

2,457
citations

27
h-index

48
g-index

94
ext. papers

2,823
ext. citations

5.1
avg. IF

4.58
L-index

#	Paper	IF	Citations
81	Characterization of the Biological Activity of the Ethanolic Extract from the Roots of Cannabis sativa L. Grown in Aeroponics. <i>Antioxidants</i> , 2022 , 11, 860	7.1	
80	Curcumin, Polydatin and Quercetin Synergistic Activity Protects from High-Glucose-Induced Inflammation and Oxidative Stress. <i>Antioxidants</i> , 2022 , 11, 1037	7.1	1
79	Phytochemical Characterization, Antioxidant and Anti-Proliferative Properties of Rubia cordifolia L. Extracts Prepared with Improved Extraction Conditions. <i>Antioxidants</i> , 2022 , 11, 1006	7.1	0
78	High production of secondary metabolites and biological activities of Cydonia oblonga Mill. pulp fruit callus. <i>Journal of Functional Foods</i> , 2022 , 94, 105133	5.1	
77	Extracellular pH, osmolarity, temperature and humidity could discourage SARS-CoV-2 cell docking and propagation intercellular signaling pathways. <i>PeerJ</i> , 2021 , 9, e12227	3.1	2
76	Circulating Inflammation-miRs as Potential Biomarkers of Cognitive Impairment in Patients Affected by Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 647015	5.3	8
75	Antioxidant and Anti-Inflammaging Ability of Prune (L.) Extract Result in Improved Wound Healing Efficacy. <i>Antioxidants</i> , 2021 , 10,	7.1	7
74	Assessing the Levels of Awareness among European Citizens about the Direct and Indirect Impacts of Plastics on Human Health. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
73	Cell signalling and biomaterials have a symbiotic relationship as demonstrated by a bioinformatics study: The role of surface topography. <i>Current Opinion in Biomedical Engineering</i> , 2021 , 17, 100246	4.4	3
72	Yield, Characterization, and Possible Exploitation of L. Roots Grown under Aeroponics Cultivation. <i>Molecules</i> , 2021 , 26,	4.8	2
71	Chemical composition, antioxidant, antimicrobial and anti-inflammatory activity of Prunus spinosa L. fruit ethanol extract. <i>Journal of Functional Foods</i> , 2020 , 67, 103885	5.1	15
70	Extract Loaded in Biomimetic Nanoparticles Evokes In Vitro Anti-Inflammatory and Wound Healing Activities. <i>Nanomaterials</i> , 2020 , 11,	5.4	9
69	MicroRNAs Bioinformatics Analyses Identifying HDAC Pathway as a Putative Target for Existing Anti-COVID-19 Therapeutics. <i>Frontiers in Pharmacology</i> , 2020 , 11, 582003	5.6	11
68	Smart ECM-Based Electrospun Biomaterials for Skeletal Muscle Regeneration. <i>Nanomaterials</i> , 2020 , 10,	5.4	18
67	Excitotoxicity, neuroinflammation and oxidant stress as molecular bases of epileptogenesis and epilepsy-derived neurodegeneration: The role of vitamin E. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1098-1112	6.9	55
66	Shedding light into memories under circadian rhythm system control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 8099-8101	11.5	2
65	Inflamm-aging microRNAs may integrate signals from food and gut microbiota by modulating common signalling pathways. <i>Mechanisms of Ageing and Development</i> , 2019 , 182, 111127	5.6	12

64	Bioeffects of <i>L. fruit ethanol extract</i> on reproduction and phenotypic plasticity of <i>Schulze, 1883</i> (Placozoa). <i>PeerJ</i> , 2019 , 7, e6789	3.1	5
63	Aging-Related Expression of Twinfilin-1 Regulates Cholangiocyte Biological Response to Injury. <i>Hepatology</i> , 2019 , 70, 883-898	11.2	8
62	Skeletal Muscle Atrophy in Simulated Microgravity Might Be Triggered by Immune-Related microRNAs. <i>Frontiers in Physiology</i> , 2018 , 9, 1926	4.6	12
61	Neurobiological Correlates of Alpha-Tocopherol Antiepileptogenic Effects and MicroRNA Expression Modulation in a Rat Model of Kainate-Induced Seizures. <i>Molecular Neurobiology</i> , 2018 , 55, 7822-7838	6.2	17
60	Anti-senescence compounds: A potential nutraceutical approach to healthy aging. <i>Ageing Research Reviews</i> , 2018 , 46, 14-31	12	97
59	Differential microRNA expression between decidual and peripheral blood natural killer cells in early pregnancy. <i>Human Reproduction</i> , 2018 , 33, 2184-2195	5.7	6
58	Physical Activity Modulates the Overexpression of the Inflammatory miR-146a-5p in Obese Patients. <i>IUBMB Life</i> , 2018 , 70, 1012-1022	4.7	17
57	The Activity of <i>L. Essential Oil</i> on Inflammation. <i>Journal of Medicinal Food</i> , 2018 , 21, 1238-1243	2.8	5
56	From Oxidative Stress Damage to Pathways, Networks, and Autophagy via MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4968321	6.7	55
55	Identification of miR-31-5p, miR-141-3p, miR-200c-3p, and GLT1 as human liver aging markers sensitive to donor-recipient age-mismatch in transplants. <i>Ageing Cell</i> , 2017 , 16, 262-272	9.9	36
54	Melatonin modulates neonatal brain inflammation through endoplasmic reticulum stress, autophagy, and miR-34a/silent information regulator 1 pathway. <i>Journal of Pineal Research</i> , 2016 , 61, 370-80	10.4	83
53	Chemical composition and <i>In vitro</i> <i>Anti-inflammatory</i> activity of <i>Vitis vinifera L. (var. Sangiovese)</i> tendrils extract. <i>Journal of Functional Foods</i> , 2016 , 20, 291-302	5.1	13
52	How Diet Intervention via Modulation of DNA Damage Response through MicroRNAs May Have an Effect on Cancer Prevention and Aging, an <i>in Silico</i> Study. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	14
51	Dietary Flaxseed Mitigates Impaired Skeletal Muscle Regeneration: <i>in Vivo</i> , <i>in Vitro</i> and <i>in Silico</i> Studies. <i>International Journal of Medical Sciences</i> , 2016 , 13, 206-19	3.7	9
50	Multiparameter analysis of apoptosis in puromycin-treated <i>Saccharomyces cerevisiae</i> . <i>Archives of Microbiology</i> , 2015 , 197, 773-80	3	4
49	Melatonin promotes Bax sequestration to mitochondria reducing cell susceptibility to apoptosis via the lipoxygenase metabolite 5-hydroxyeicosatetraenoic acid. <i>Mitochondrion</i> , 2015 , 21, 113-21	4.9	25
48	DNA damage response (DDR) and senescence: shuttled inflamma-miRNAs on the stage of inflamm-aging. <i>Oncotarget</i> , 2015 , 6, 35509-21	3.3	101
47	Melatonin reduces endoplasmic reticulum stress and preserves sirtuin 1 expression in neuronal cells of newborn rats after hypoxia-ischemia. <i>Journal of Pineal Research</i> , 2014 , 57, 192-9	10.4	79

46	Increased autophagy reduces endoplasmic reticulum stress after neonatal hypoxia-ischemia: role of protein synthesis and autophagic pathways. <i>Experimental Neurology</i> , 2014 , 255, 103-12	5.7	61
45	MitomiRs in human inflamm-aging: a hypothesis involving miR-181a, miR-34a and miR-146a. <i>Experimental Gerontology</i> , 2014 , 56, 154-63	4.5	145
44	Involvement of miRNAs in placental alterations mediated by oxidative stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 103068	6.7	25
43	Hormone replacement therapy enhances IGF-1 signaling in skeletal muscle by diminishing miR-182 and miR-223 expressions: a study on postmenopausal monozygotic twin pairs. <i>Aging Cell</i> , 2014 , 13, 850-619	6.9	38
42	Static magnetic fields modulate X-ray-induced DNA damage in human glioblastoma primary cells. <i>Journal of Radiation Research</i> , 2014 , 55, 218-27	2.4	14
41	Salvia x jamensis J. Compton: Trichomes, essential oil constituents and cytotoxic-apoptotic activity. <i>Natural Product Research</i> , 2013 , 27, 1583-8	2.3	
40	MiR-146a as marker of senescence-associated pro-inflammatory status in cells involved in vascular remodelling. <i>Age</i> , 2013 , 35, 1157-72		155
39	Putative miRNAs for the diagnosis of dyslexia, dyspraxia, and specific language impairment. <i>Epigenetics</i> , 2013 , 8, 1023-9	5.7	6
38	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. <i>Mechanisms of Ageing and Development</i> , 2012 , 133, 675-85	5.6	189
37	Chemical Composition and Antimicrobial Activity of Salvia x jamensis Essential Oil. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	2
36	Magnetic fields promote a pro-survival non-capacitative Ca ²⁺ entry via phospholipase C signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 393-400	5.6	9
35	Predicting microRNA modulation in human prostate cancer using a simple String Identifier (SID1.0). <i>Journal of Biomedical Informatics</i> , 2011 , 44, 615-20	10.2	18
34	Lipoxygenase-mediated pro-radical effect of melatonin via stimulation of arachidonic acid metabolism. <i>Toxicology and Applied Pharmacology</i> , 2009 , 238, 170-7	4.6	37
33	Melatonin as a modulator of apoptosis in B-lymphoma cells. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 345-9	6.5	20
32	Modulation of caspase activity regulates skeletal muscle regeneration and function in response to vasopressin and tumor necrosis factor. <i>PLoS ONE</i> , 2009 , 4, e5570	3.7	32
31	Sulphurous mineral water oral therapy: effects on erythrocyte metabolism. <i>Food and Chemical Toxicology</i> , 2008 , 46, 3343-50	4.7	5
30	Geographical epidemiology of neonatal transitory hypothyroidism. Trend evidence in central Italian region. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2008 , 21, 377-80	1.6	0
29	Static magnetic fields enhance skeletal muscle differentiation in vitro by improving myoblast alignment. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007 , 71, 846-56	4.6	51

28	Erythrocyte morphology automated analysis: proposal for a new prediction tool of essential hypertension diagnosis. <i>Cytometry Part B - Clinical Cytometry</i> , 2007 , 72, 211-4	3.4	3
27	Melatonin antagonizes apoptosis via receptor interaction in U937 monocytic cells. <i>Journal of Pineal Research</i> , 2007 , 43, 154-62	10.4	55
26	Current trends in shape and texture analysis in neurology: aspects of the morphological substrate of volume and wiring transmission. <i>Brain Research Reviews</i> , 2007 , 55, 97-107		8
25	Drinking mineral waters: biochemical effects and health implications the state-of-the-art. <i>International Journal of Environment and Health</i> , 2007 , 1, 153	1.3	30
24	Static magnetic fields affect cell size, shape, orientation, and membrane surface of human glioblastoma cells, as demonstrated by electron, optic, and atomic force microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006 , 69, 75-85	4.6	38
23	Use of multiparameter analysis for <i>Vibrio alginolyticus</i> viable but nonculturable state determination. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006 , 69, 260-5	4.6	23
22	Raw Millefiori honey is packed full of antioxidants. <i>Food Chemistry</i> , 2006 , 97, 217-222	8.5	190
21	Magnetic fields protect from apoptosis via redox alteration. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 59-68	6.5	37
20	Hyperpolarization of plasma membrane of tumor cells sensitive to antiapoptotic effects of magnetic fields. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 217-25	6.5	22
19	Melatonin as an apoptosis antagonist. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 226-33	6.5	21
18	Intracellular pro-oxidant activity of melatonin deprives U937 cells of reduced glutathione without affecting glutathione peroxidase activity. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1091, 10-6	6.5	32
17	Phospholipase C-dependent phosphoinositide breakdown induced by ELF-EMF in <i>Peganum harmala</i> calli. <i>Biochimie</i> , 2004 , 86, 343-9	4.6	9
16	Automated analysis of morphometric parameters for accurate definition of erythrocyte cell shape. <i>Cytometry</i> , 2003 , 52, 12-8		14
15	Morphological and biochemical modifications induced by a static magnetic field on <i>Fusarium culmorum</i> . <i>Biochimie</i> , 2003 , 85, 963-70	4.6	25
14	Antibacterial effect of a magnetic field on <i>Serratia marcescens</i> and related virulence to <i>Hordeum vulgare</i> and <i>Rubus fruticosus</i> callus cells. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002 , 132, 359-65	2.3	27
13	H ₂ O ₂ -induced block of glycolysis as an active ADP-ribosylation reaction protecting cells from apoptosis. <i>FASEB Journal</i> , 2000 , 14, 2266-76	0.9	130
12	Oxidative damage during hemodialysis using a vitamin-E-modified dialysis membrane: a preliminary characterization. <i>Nephron</i> , 1997 , 77, 57-61		33
11	Lipoperoxidation and glutathione-dependent enzymes in uremic anemia of CAPD patients. <i>Nephron</i> , 1997 , 76, 363		4

10	Bicarbonate versus Lactate Buffer in Peritoneal Dialysis Solutions: The Beneficial Effect on Rbc Metabolism. <i>Peritoneal Dialysis International</i> , 1996 , 16, 511-518	2.8	14
9	Morphological alterations and increased resistance to hemolysis in t-butyl hydroperoxide incubated RBC from elderly subjects. <i>Archives of Gerontology and Geriatrics</i> , 1996 , 22 Suppl 1, 423-8	4	
8	Protein import into peroxisomes: new developments. <i>Annals of the New York Academy of Sciences</i> , 1996 , 804, 34-46	6.5	11
7	Bicarbonate versus lactate buffer in peritoneal dialysis solutions: the beneficial effect on RBC metabolism. <i>Peritoneal Dialysis International</i> , 1996 , 16, 511-8	2.8	5
6	Baclofen, a gamma-aminobutyric acid-b receptor agonist, delays diabetes onset in the non-obese diabetic mouse. <i>Acta Diabetologica</i> , 1995 , 32, 53-6	3.9	13
5	Redox state, antioxidative activity and lipid peroxidation in erythrocytes and plasma of chronic ambulatory peritoneal dialysis patients. <i>Clinica Chimica Acta</i> , 1995 , 234, 127-36	6.2	60
4	Erythrocyte redox state in uremic anemia: effects of hemodialysis and relevance of glutathione metabolism. <i>Acta Haematologica</i> , 1994 , 91, 187-93	2.7	65
3	Vitamin E delays diabetes onset in the non-obese diabetic mouse. <i>Hormone and Metabolic Research</i> , 1994 , 26, 450-2	3.1	28
2	Erythrocyte Na ⁺ ,K ⁽⁺⁾ -ATPase properties and adenylate energy charge in normotensives and in essential hypertensives. <i>Clinica Chimica Acta</i> , 1994 , 224, 167-79	6.2	10
1	Pathways and microRNAs bioinformatics analyses identifying possible existing therapeutics for COVID-19 treatment		2