

# Marina Marini

## List of Publications by Year in descending order

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75  
papers

1,849  
citations

218677

26  
h-index

315739

38  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress and Erythrocyte Membrane Alterations in Children with Autism: Correlation with Clinical Features. <i>PLoS ONE</i> , 2013, 8, e66418.	2.5	125
2	Oxygen radicals induce stress proteins and tolerance to oxidative stress in human lymphocytes. <i>International Journal of Radiation Biology</i> , 1996, 70, 337-350.	1.8	87
3	Licofelone, a dual COX/5-LOX inhibitor, induces apoptosis in HCA-7 colon cancer cells through the mitochondrial pathway independently from its ability to affect the arachidonic acid cascade. <i>Carcinogenesis</i> , 2008, 29, 371-380.	2.8	87
4	Risk and Protective Environmental Factors Associated with Autism Spectrum Disorder: Evidence-Based Principles and Recommendations. <i>Journal of Clinical Medicine</i> , 2019, 8, 217.	2.4	71
5	Mild exercise training, cardioprotection and stress genes profile. <i>European Journal of Applied Physiology</i> , 2007, 99, 503-510.	2.5	62
6	Sequential events of apoptosis involving docetaxel, a microtubule-interfering agent: a cytometric study. <i>BMC Cell Biology</i> , 2006, 7, 6.	3.0	60
7	Advanced glycation endproducts, dityrosine and arginine transporter dysfunction in autism - a source of biomarkers for clinical diagnosis. <i>Molecular Autism</i> , 2018, 9, 3.	4.9	58
8	White cell apoptosis in packed red cells. <i>Transfusion</i> , 2008, 38, 1082-1089.	1.6	57
9	Transfer ribonucleic acids in rat liver and Morris 5123 minimal deviation hepatoma. <i>Biochemistry</i> , 1971, 10, 900-908.	2.5	45
10	A Subpopulation of Rat Muscle Fibers Maintains an Assessable Excitation-Contraction Coupling Mechanism After Long-Standing Denervation Despite Lost Contractility. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 1256-1268.	1.7	45
11	Oxidative stress in the denervated muscle. <i>Free Radical Research</i> , 2010, 44, 563-576.	3.3	41
12	Autism Spectrum Disorder from the Womb to Adulthood: Suggestions for a Paradigm Shift. <i>Journal of Personalized Medicine</i> , 2021, 11, 70.	2.5	40
13	Pyrethroid Pesticide Metabolite in Urine and Microelements in Hair of Children Affected by Autism Spectrum Disorders: A Preliminary Investigation. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 388.	2.6	39
14	Moderate Exercise Training Induces ROS-Related Adaptations to Skeletal Muscles. <i>International Journal of Sports Medicine</i> , 2013, 34, 676-687.	1.7	36
15	Proteomic analysis and protein carbonylation profile in trained and untrained rat muscles. <i>Journal of Proteomics</i> , 2012, 75, 978-992.	2.4	33
16	Plasma peroxiredoxin changes and inflammatory cytokines support the involvement of neuro-inflammation and oxidative stress in Autism Spectrum Disorder. <i>Journal of Translational Medicine</i> , 2019, 17, 332.	4.4	32
17	Micromolar Zinc Affects Endonucleolytic Activity in Hydrogen Peroxide-Mediated Apoptosis. <i>Experimental Cell Research</i> , 1998, 239, 393-398.	2.6	30
18	Heat shock response by EBV-immortalized B-lymphocytes from centenarians and control subjects: a model to study the relevance of stress response in longevity. <i>Experimental Gerontology</i> , 2004, 39, 83-90.	2.8	30

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19	Modulation of paraoxonase 1 and 3 expression after moderate exercise training in the rat. <i>Journal of Lipid Research</i> , 2009, 50, 2036-2045.	4.2	30
20	Effect of training and sudden detraining on the patellar tendon and its enthesis in rats. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 20.	1.9	30
21	Perspective Biological Markers for Autism Spectrum Disorders: Advantages of the Use of Receiver Operating Characteristic Curves in Evaluating Marker Sensitivity and Specificity. <i>Disease Markers</i> , 2015, 2015, 1-15.	1.3	30
22	Quantitation of plasma thiamine, related metabolites and plasma protein oxidative damage markers in children with autism spectrum disorder and healthy controls. <i>Free Radical Research</i> , 2016, 50, S85-S90.	3.3	30
23	Partial persistence of exercise-induced myocardial angiogenesis following 4-week detraining in the rat. <i>Histochemistry and Cell Biology</i> , 2008, 129, 479-487.	1.7	29
24	Apoptosis of Human Lymphocytes in the Absence or Presence of Internucleosomal DNA Cleavage. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 910-915.	2.1	28
25	Myocardial tolerance to ischemiaâ€“reperfusion injury, training intensity and cessation. <i>European Journal of Applied Physiology</i> , 2011, 111, 859-868.	2.5	28
26	High predictive values of RBC membrane-based diagnostics by biophotonics in an integrated approach for Autism Spectrum Disorders. <i>Scientific Reports</i> , 2017, 7, 9854.	3.3	28
27	Inhibition of poly(ADP-ribose) polymerization preserves the glutathione pool and reverses cytotoxicity in hydrogen peroxide-treated lymphocytes. <i>Biochemical Pharmacology</i> , 1993, 46, 2139-2144.	4.4	26
28	Recovery of Human Lymphocytes Damaged with $\hat{1}^3$ -Radiation or Enzymatically Produced Oxygen Radicals: Different Effects of Poly(ADP-ribosyl)polymerase Inhibitors. <i>International Journal of Radiation Biology</i> , 1990, 58, 279-291.	1.8	24
29	Modulation of Caspase-3 Activity by Zinc Ions and by the Cell Redox State. <i>Experimental Cell Research</i> , 2001, 266, 323-332.	2.6	24
30	The exercised skeletal muscle: a review. <i>European Journal of Translational Myology</i> , 2010, 20, 105.	1.7	24
31	Impact of the Phosphatidylinositide 3-Kinase Signaling Pathway on the Cardioprotection Induced by Intermittent Hypoxia. <i>PLoS ONE</i> , 2013, 8, e76659.	2.5	24
32	Exposure of $\hat{A}^2,6$ -sialylated lactosaminic chains marks apoptotic and necrotic death in different cell types. <i>Glycobiology</i> , 2008, 19, 172-181.	2.5	23
33	Age-dependent changes in the susceptibility to apoptosis of peripheral blood CD4+ and CD8+ T lymphocytes with virgin or memory phenotype. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 409-418.	4.6	22
34	Gene expression profile of rat left ventricles reveals persisting changes following chronic mild exercise protocol: implications for cardioprotection. <i>BMC Genomics</i> , 2009, 10, 342.	2.8	22
35	Aerobic training affects fatty acid composition of erythrocyte membranes. <i>Lipids in Health and Disease</i> , 2011, 10, 188.	3.0	22
36	Inhibition of Cell Proliferation by D-Ribose and Deoxy-D-ribose. <i>Experimental Biology and Medicine</i> , 1985, 180, 246-257.	2.4	21

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37	HPLC determination of glutathione and other thiols in human mononuclear blood cells. , 1998, 12, 262-266.		20
38	Persistence of regenerative myogenesis in spite of down-regulation of activity-dependent genes in long-term denervated rat muscle. Neurological Research, 2008, 30, 197-206.	1.3	20
39	Oxidative Stress in Autistic Children Alters Erythrocyte Shape in the Absence of Quantitative Protein Alterations and of Loss of Membrane Phospholipid Asymmetry. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	4.0	20
40	White cell apoptosis in platelet concentrates. Transfusion, 2000, 40, 160-168.	1.6	19
41	Na <sup>+</sup> , K <sup>+</sup> ATPase activity in children with autism spectrum disorder: Searching for the reason(s) of its decrease in blood cells. Autism Research, 2018, 11, 1388-1403.	3.8	17
42	Skeletal Muscle Gene Expression in Long-Term Endurance and Resistance Trained Elderly. International Journal of Molecular Sciences, 2020, 21, 3988.	4.1	17
43	Transfer ribonucleic acids from eleven immunoglobulin-secreting mouse plasmacytomas Constant and variable chromatographic profiles compared with the myeloma protein sequences. Nucleic Acids and Protein Synthesis, 1979, 562, 252-270.	1.7	16
44	D-ribose inhibits DNA repair synthesis in human lymphocytes. Biochemical and Biophysical Research Communications, 1986, 138, 673-678.	2.1	16
45	Pathways of adenine nucleotide metabolism: Degradation and resynthesis of IMP in ageing chicken heart. Comparative Biochemistry and Physiology A, Comparative Physiology, 1996, 114, 99-104.	0.6	16
46	Metabolic and cytoprotective effects of <i>in vivo</i> peri-patellar hyaluronic acid injections in cultured tenocytes. Connective Tissue Research, 2015, 56, 35-43.	2.3	16
47	Rapid Clearance of mRNA for PLAC1 Gene in Maternal Blood after Delivery. Fetal Diagnosis and Therapy, 2005, 20, 27-30.	1.4	15
48	Frataxin mRNA Isoforms in FRDA Patients and Normal Subjects: Effect of Tocotrienol Supplementation. BioMed Research International, 2013, 2013, 1-9.	1.9	15
49	Non-Coding RNAs in the Transcriptional Network That Differentiates Skeletal Muscles of Sedentary from Long-Term Endurance- and Resistance-Trained Elderly. International Journal of Molecular Sciences, 2021, 22, 1539.	4.1	15
50	Hyaluronic acid injections protect patellar tendon from detraining-associated damage. Histology and Histopathology, 2015, 30, 1079-88.	0.7	15
51	trans-Double Bond-Containing Liposomes as Potential Carriers for Drug Delivery. Molecules, 2017, 22, 2082.	3.8	14
52	Inhibition of poly(ADP-ribosyl)ation does not prevent lymphocyte entry into the cell cycle. FEBS Letters, 1989, 253, 146-150.	2.8	11
53	New Insights into the Hepcidin-Ferroportin Axis and Iron Homeostasis in iPSC-Derived Cardiomyocytes from Friedreich's Ataxia Patient. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	4.0	11
54	The Alteration of Chloride Homeostasis/GABAergic Signaling in Brain Disorders: Could Oxidative Stress Play a Role?. Antioxidants, 2021, 10, 1316.	5.1	11

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55	Proteomic and Carbonylation Profile Analysis of Rat Skeletal Muscles following Acute Swimming Exercise. <i>PLoS ONE</i> , 2013, 8, e71839.	2.5	11
56	Effect of vanadate on pha-induced proliferation of human lymphocytes from young and old subjects. <i>Biochemical and Biophysical Research Communications</i> , 1987, 142, 836-842.	2.1	9
57	High-performance capillary electrophoretic determination of glutathione in human lymphocytes. <i>Journal of Separation Science</i> , 1998, 10, 503-509.	1.0	9
58	Effects of tocotrienol supplementation in Friedreich's ataxia: A model of oxidative stress pathology. <i>Experimental Biology and Medicine</i> , 2020, 245, 201-212.	2.4	9
59	Oxidative stress does not mediate heat shock-induced cell damage and apoptosis. <i>Redox Report</i> , 1997, 3, 57-63.	4.5	8
60	Supplementation of Creatine and Ribose Prevents Apoptosis and Right Ventricle Hypertrophy in Hypoxic Hearts. <i>Current Pharmaceutical Design</i> , 2013, 19, 6873-6879.	1.9	8
61	Ultrastructural investigation of the effect of DNA, RNA, and protein synthesis inhibitors on ribosome crystallization. <i>Journal of Ultrastructure Research</i> , 1973, 44, 265-278.	1.1	7
62	Biochemical changes induced by tumors at distant sites: Altered transfer RNA profiles in livers of mice bearing plasmacytomas. <i>Cancer Letters</i> , 1979, 8, 177-181.	7.2	7
63	Effect of ADP-Ribosyl Transferase Inhibitors on the Survival of Human Lymphocytes after Exposure to Different DNA-Damaging Agents. <i>Annals of the New York Academy of Sciences</i> , 1988, 551, 446-447.	3.8	7
64	Non-Thermal Radio Frequency and Static Magnetic Fields Increase Rate of Hemoglobin Deoxygenation in a Cell-Free Preparation. <i>PLoS ONE</i> , 2013, 8, e61752.	2.5	7
65	Differential effect of l-histidine in human lymphocytes damaged by different oxygen radical producing systems. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 301, 243-248.	1.1	6
66	A study of the effect on human mesenchymal stem cells of an atmospheric pressure plasma source driven by different voltage waveforms. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 364003.	2.8	6
67	Ribosomal crystallization in hypothermized chicken bone marrow. <i>Journal of Ultrastructure Research</i> , 1977, 60, 140-147.	1.1	5
68	Morphological adaptation and protein modulation of myotendinous junction following moderate aerobic training. <i>Histology and Histopathology</i> , 2015, 30, 465-72.	0.7	5
69	Multiple chromatographic peaks of phenylalanyl-tRNA associated with spontaneous hydrolysis of Y base during isolation. <i>Nucleic Acids and Protein Synthesis</i> , 1977, 476, 345-351.	1.7	4
70	An In Vitro Model for Studying Oxidative Damage and Protective Substances in Human Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 1991, 19, 77-83.	1.0	4
71	Cluster analysis of aminoacyl-tRNAs from mouse plasmacytomas correlates chromatographic profiles with myeloma protein similarity, clonal origin of tumor lines, and the neoplastic nature of the tissues. <i>Journal of Theoretical Biology</i> , 1980, 85, 507-521.	1.7	2
72	Tumor-Specific tRNA Modifications in Mouse Plasmacytomas and Other Tumors. , 1983, 84, 121-132.		2

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73	Dynamic and Systemic Perspective in Autism Spectrum Disorders: A Change of Gaze in Research Opens to A New Landscape of Needs and Solutions. <i>Brain Sciences</i> , 2022, 12, 250.	2.3	2
74	Megakaryocytopoiesis in bone marrow-derived stromal-hemopoietic cells co-cultures: action of Tamm-Horsfall glycoprotein. <i>Cell Differentiation</i> , 1984, 14, 277-285.	0.4	0
75	TdT-Positive and TdT-Negative Human Leukemic Cells: Specific Density and Morphology. <i>Advances in Experimental Medicine and Biology</i> , 1982, 145, 357-370.	1.6	0