Marina Marini

List of Publications by Year in Descending Order

74 papers	1,475 citations	22 h-index	33 g-index
76 ext. papers	1,664 ext. citations	4 avg, IF	3.88 L-index

#	Paper	IF	Citations
74	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,	6.3	5
73	The Alteration of Chloride Homeostasis/GABAergic Signaling in Brain Disorders: Could Oxidative Stress Play a Role?. *Antioxidants*, **2021**, 10,	7.1	3
72	Autism Spectrum Disorder from the Womb to Adulthood: Suggestions for a Paradigm Shift. *Journal of Personalized Medicine*, **2021**, 11,	3.6	15
71	Skeletal Muscle Gene Expression in Long-Term Endurance and Resistance Trained Elderly. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
70	Effects of tocotrienol supplementation in Friedreich's ataxia: A model of oxidative stress pathology. *Experimental Biology and Medicine*, **2020**, 245, 201-212	3.7	4
69	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, 7623023	6.7	7
68	Risk and Protective Environmental Factors Associated with Autism Spectrum Disorder: Evidence-Based Principles and Recommendations. *Journal of Clinical Medicine*, **2019**, 8,	5.1	40
67	Plasma peroxiredoxin changes and inflammatory cytokines support the involvement of neuro-inflammation and oxidative stress in Autism Spectrum Disorder. *Journal of Translational Medicine*, **2019**, 17, 332	8.5	16
66	Advanced glycation endproducts, dityrosine and arginine transporter dysfunction in autism - a source of biomarkers for clinical diagnosis. *Molecular Autism*, **2018**, 9, 3	6.5	43
65	Na , K -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	5.1	12
64	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, 6430601	6.7	11
63	High predictive values of RBC membrane-based diagnostics by biophotonics in an integrated approach for Autism Spectrum Disorders. *Scientific Reports*, **2017**, 7, 9854	4.9	21
62	trans-Double Bond-Containing Liposomes as Potential Carriers for Drug Delivery. *Molecules*, **2017**, 22,	4.8	11
61	A study of the effect on human mesenchymal stem cells of an atmospheric pressure plasma source driven by different voltage waveforms. *Journal Physics D: Applied Physics*, **2016**, 49, 364003	3	5
60	Pyrethroid Pesticide Metabolite in Urine and Microelements in Hair of Children Affected by Autism Spectrum Disorders: A Preliminary Investigation. *International Journal of Environmental Research and Public Health*, **2016**, 13, 388	4.6	27
59	Quantitation of plasma thiamine, related metabolites and plasma protein oxidative damage markers in children with autism spectrum disorder and healthy controls. *Free Radical Research*, **2016**, 50, S85-S90	4	21
58	Metabolic and cytoprotective effects of in vivo peri-patellar hyaluronic acid injections in cultured tenocytes. *Connective Tissue Research*, **2015**, 56, 35-43	3.3	11

57	Perspective Biological Markers for Autism Spectrum Disorders: Advantages of the Use of Receiver Operating Characteristic Curves in Evaluating Marker Sensitivity and Specificity. *Disease Markers*, **2015**, 2015, 329607	3.2	28
56	Hyaluronic acid injections protect patellar tendon from detraining-associated damage. *Histology and Histopathology*, **2015**, 30, 1079-88	1.4	8
55	Morphological adaptation and protein modulation of myotendinous junction following moderate aerobic training. *Histology and Histopathology*, **2015**, 30, 465-72	1.4	4
54	Moderate exercise training induces ROS-related adaptations to skeletal muscles. *International Journal of Sports Medicine*, **2013**, 34, 676-87	3.6	34
53	Frataxin mRNA isoforms in FRDA patients and normal subjects: effect of tocotrienol supplementation. *BioMed Research International*, **2013**, 2013, 276808	3	12
52	Oxidative Stress and Erythrocyte Membrane Alterations in Children with Autism: Correlation with Clinical Features. *PLoS ONE*, **2013**, 8, e66418	3.7	98
51	Impact of the phosphatidylinositide 3-kinase signaling pathway on the cardioprotection induced by intermittent hypoxia. *PLoS ONE*, **2013**, 8, e76659	3.7	20
50	Non-thermal radio frequency and static magnetic fields increase rate of hemoglobin deoxygenation in a cell-free preparation. *PLoS ONE*, **2013**, 8, e61752	3.7	6
49	Proteomic and carbonylation profile analysis of rat skeletal muscles following acute swimming exercise. *PLoS ONE*, **2013**, 8, e71839	3.7	10
48	Supplementation of creatine and ribose prevents apoptosis and right ventricle hypertrophy in hypoxic hearts. *Current Pharmaceutical Design*, **2013**, 19, 6873-9	3.3	6
47	Proteomic analysis and protein carbonylation profile in trained and untrained rat muscles. *Journal of Proteomics*, **2012**, 75, 978-92	3.9	30
46	Myocardial tolerance to ischemia-reperfusion injury, training intensity and cessation. *European Journal of Applied Physiology*, **2011**, 111, 859-68	3.4	25
45	Effect of training and sudden detraining on the patellar tendon and its enthesis in rats. *BMC Musculoskeletal Disorders*, **2011**, 12, 20	2.8	19
44	Aerobic training affects fatty acid composition of erythrocyte membranes. *Lipids in Health and Disease*, **2011**, 10, 188	4.4	18
43	The exercised skeletal muscle: a review. *European Journal of Translational Myology*, **2010**, 20, 105	2.1	18
42	Oxidative stress in the denervated muscle. *Free Radical Research*, **2010**, 44, 563-76	4	32
41	Gene expression profile of rat left ventricles reveals persisting changes following chronic mild exercise protocol: implications for cardioprotection. *BMC Genomics*, **2009**, 10, 342	4.5	20
40	Modulation of paraoxonase 1 and 3 expression after moderate exercise training in the rat. *Journal of Lipid Research*, **2009**, 50, 2036-45	6.3	23

39	A subpopulation of rat muscle fibers maintains an assessable excitation-contraction coupling mechanism after long-standing denervation despite lost contractility. *Journal of Neuropathology and Experimental Neurology*, **2009**, 68, 1256-68	3.1	25
38	Exposure of alpha2,6-sialylated lactosaminic chains marks apoptotic and necrotic death in different cell types. *Glycobiology*, **2009**, 19, 172-81	5.8	21
37	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. *Carcinogenesis*, **2008**, 29, 371-80	4.6	76
36	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	2.7	16
35	Partial persistence of exercise-induced myocardial angiogenesis following 4-week detraining in the rat. *Histochemistry and Cell Biology*, **2008**, 129, 479-87	2.4	27
34	Mild exercise training, cardioprotection and stress genes profile. *European Journal of Applied Physiology*, **2007**, 99, 503-10	3.4	55
33	Sequential events of apoptosis involving docetaxel, a microtubule-interfering agent: a cytometric study. *BMC Cell Biology*, **2006**, 7, 6		52
32	Rapid clearance of mRNA for PLAC1 gene in maternal blood after delivery. *Fetal Diagnosis and Therapy*, **2005**, 20, 27-30	2.4	13
31	Heat shock response by EBV-immortalized B-lymphocytes from centenarians and control subjects: a model to study the relevance of stress response in longevity. *Experimental Gerontology*, **2004**, 39, 83-90	4.5	27
30	Age-dependent changes in the susceptibility to apoptosis of peripheral blood CD4+ and CD8+ T lymphocytes with virgin or memory phenotype. *Mechanisms of Ageing and Development*, **2003**, 124, 409-18	5.6	19
29	Modulation of caspase-3 activity by zinc ions and by the cell redox state. *Experimental Cell Research*, **2001**, 266, 323-32	4.2	22
28	White cell apoptosis in platelet concentrates. *Transfusion*, **2000**, 40, 160-8	2.9	15
27	HPLC determination of glutathione and other thiols in human mononuclear blood cells. *Biomedical Chromatography*, **1998**, 12, 262-6	1.7	19
26	High-performance capillary electrophoretic determination of glutathione in human lymphocytes. *Journal of Separation Science*, **1998**, 10, 503-509		9
25	White cell apoptosis in packed red cells. *Transfusion*, **1998**, 38, 1082-9	2.9	50
24	Micromolar zinc affects endonucleolytic activity in hydrogen peroxide-mediated apoptosis. *Experimental Cell Research*, **1998**, 239, 393-8	4.2	25
23	Oxidative stress does not mediate heat shock-induced cell damage and apoptosis. *Redox Report*, **1997**, 3, 57-63	5.9	8
22	Apoptosis of human lymphocytes in the absence or presence of internucleosomal DNA cleavage. *Biochemical and Biophysical Research Communications*, **1996**, 229, 910-5	3.4	27

21	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		14
20	Oxygen radicals induce stress proteins and tolerance to oxidative stress in human lymphocytes. *International Journal of Radiation Biology*, **1996**, 70, 337-50	2.9	84
19	Differential effect of L-histidine in human lymphocytes damaged by different oxygen radical producing systems. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis*, **1993**, 301, 243-8		6
18	Inhibition of poly(ADP-ribose) polymerization preserves the glutathione pool and reverses cytotoxicity in hydrogen peroxide-treated lymphocytes. *Biochemical Pharmacology*, **1993**, 46, 2139-44	6	22
17	An In Vitro Model for Studying Oxidative Damage and Protective Substances in Human Cells. *ATLA Alternatives To Laboratory Animals*, **1991**, 19, 77-83	2.1	4
16	Recovery of human lymphocytes damaged with gamma-radiation or enzymatically produced oxygen radicals: different effects of poly(ADP-ribosyl)polymerase inhibitors. *International Journal of Radiation Biology*, **1990**, 58, 279-91	2.9	23
15	Inhibition of poly(ADP-ribosyl)ation does not prevent lymphocyte entry into the cell cycle. *FEBS Letters*, **1989**, 253, 146-50	3.8	10
14	Effect of ADP-ribosyl transferase inhibitors on the survival of human lymphocytes after exposure to different DNA-damaging agents. *Annals of the New York Academy of Sciences*, **1988**, 551, 446-7	6.5	7
13	Effect of vanadate of PHA-induced proliferation of human lymphocytes from young and old subjects. *Biochemical and Biophysical Research Communications*, **1987**, 142, 836-42	3.4	8
12	D-ribose inhibits DNA repair synthesis in human lymphocytes. *Biochemical and Biophysical Research Communications*, **1986**, 138, 673-8	3.4	14
11	Inhibition of cell proliferation by D-ribose and deoxy-D-ribose. *Experimental Biology and Medicine*, **1985**, 180, 246-57	3.7	18
10	Megakaryocytopoiesis in bone marrow-derived stromal-hemopoietic cells co-cultures: action of Tamm-Horsfall glycoprotein. *Cell Differentiation*, **1984**, 14, 277-85		
9	Tumor-specific tRNA modifications in mouse plasmacytomas and other tumors. *Recent Results in Cancer Research*, **1983**, 84, 121-32	1.5	2
8	TdT-positive and TdT-negative human leukemic cells: specific density and morphology. *Advances in Experimental Medicine and Biology*, **1982**, 145, 357-70	3.6	
7	Cluster analysis of aminoacyl-tRNAs from mouse plasmacytomas correlates chromatographic profiles with myeloma protein similarity, clonal origin of tumour lines, and the neoplastic nature of the tissues. *Journal of Theoretical Biology*, **1980**, 85, 507-21	2.3	2
6	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, 252-70		16
5	Biochemical changes induced by tumors at distant sites: altered transfer RNA profiles in livers of mice bearing plasmacytomas. *Cancer Letters*, **1979**, 8, 177-81	9.9	7
4	Multiple chromatographic peaks of phenylalanyl-tRNA associated with spontaneous hydrolysis of Y base during isolation. *Nucleic Acids and Protein Synthesis*, **1977**, 476, 345-51		4

3	Ribosomal crystallization in hypothermized chicken bone marrow. *Journal of Ultrastructure Research*, **1977**, 60, 140-7		5
2	Ultrastructural investigation of the effect of DNA, RNA, and protein synthesis inhibitors on ribosome crystallization. *Journal of Ultrastructure Research*, **1973**, 44, 265-78		7
1	Transfer ribonucleic acids in rat liver and Morris 5123 minimal deviation hepatoma. *Biochemistry*, **1971**, 10, 900-8	3.2	39