Daniela Caporossi

List of Publications by Year in Descending Order

79 papers	1,808 citations	25 h-index	39 g-index
83 ext. papers	2,166 ext. citations	4.6 avg, IF	4.63 L-index

#	Paper	IF	Citations
79	Systemic Response of Antioxidants, Heat Shock Proteins, and Inflammatory Biomarkers to Short-Lasting Exercise Training in Healthy Male Subjects. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 1938492	6.7	0
78	Sildenafil Counteracts the In Vitro Activation of CXCL-9, CXCL-10 and CXCL-11/CXCR3 Axis Induced by Reactive Oxygen Species in Scleroderma Fibroblasts. *Biology*, **2021**, 10,	4.9	2
77	AlphaB-crystallin and breast cancer: role and possible therapeutic strategies. *Cell Stress and Chaperones*, **2021**, 26, 19-28	4	6
76	Function and Fiber-Type Specific Distribution of Hsp60 and B-Crystallin in Skeletal Muscles: Role of Physical Exercise. *Biology*, **2021**, 10,	4.9	1
75	Sex-based differences after a single bout of exercise on PGC1 isoforms in skeletal muscle: A pilot study. *FASEB Journal*, **2021**, 35, e21328	0.9	2
74	Estrogen-Receptor-Positive Breast Cancer in Postmenopausal Women: The Role of Body Composition and Physical Exercise. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	2
73	Sildenafil Reduces Expression and Release of IL-6 and IL-8 Induced by Reactive Oxygen Species in Systemic Sclerosis Fibroblasts. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	13
72	Exercise, redox homeostasis and the epigenetic landscape. *Redox Biology*, **2020**, 35, 101477	11.3	17
71	B-crystallin response to a pro-oxidant non-cytotoxic environment in murine cardiac cells: An "in vitro" and "in vivo" study. *Free Radical Biology and Medicine*, **2020**, 152, 301-312	7.8	6
70	Sam68 splicing regulation contributes to motor unit establishment in the postnatal skeletal muscle. *Life Science Alliance*, **2020**, 3,	5.8	1
69	Endurance training improves plasma superoxide dismutase activity in healthy elderly. *Mechanisms of Ageing and Development*, **2020**, 185, 111190	5.6	7
68	Exercise-mediated downregulation of MALAT1 expression and implications in primary and secondary cancer prevention. *Free Radical Biology and Medicine*, **2020**, 160, 28-39	7.8	5
67	The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. *Antioxidants*, **2020**, 9,	7.1	4
66	The early response of B-crystallin to a single bout of aerobic exercise in mouse skeletal muscles depends upon fiber oxidative features. *Redox Biology*, **2019**, 24, 101183	11.3	14
65	Epigenomic adaptations of exercise in the control of metabolic disease and cancer **2019**, 289-316		0
64	Redox homeostasis in sport: do athletes really need antioxidant support?. *Research in Sports Medicine*, **2019**, 27, 147-165	3.8	17
63	Telomere length is independently associated with age, oxidative biomarkers, and sport training in skeletal muscle of healthy adult males. *Free Radical Research*, **2018**, 52, 639-647	4	16

62	The role of B-crystallin in skeletal and cardiac muscle tissues. *Cell Stress and Chaperones*, **2018**, 23, 491-505	4	40
61	Post-transcriptional regulation of FUS and EWS protein expression by miR-141 during neural differentiation. *Human Molecular Genetics*, **2017**, 26, 2732-2746	5.6	11
60	Regular exercise participation improves genomic stability in diabetic patients: an exploratory study to analyse telomere length and DNA damage. *Scientific Reports*, **2017**, 7, 4137	4.9	26
59	The p75-mediated effect of nerve growth factor in L6C5 myogenic cells. *BMC Research Notes*, **2017**, 10, 686	2.3	7
58	MiR-23-TrxR1 as a novel molecular axis in skeletal muscle differentiation. *Scientific Reports*, **2017**, 7, 7219	4.9	30
57	Physical activity in the prevention of human diseases: role of epigenetic modifications. *BMC Genomics*, **2017**, 18, 802	4.5	93
56	Effects of two physical education programmes on health- and skill-related physical fitness of Albanian children. *Journal of Sports Sciences*, **2016**, 34, 35-46	3.6	18
55	Exercise at lunchtime: effect on glycemic control and oxidative stress in middle-aged men with type 2 diabetes. *European Journal of Applied Physiology*, **2016**, 116, 573-82	3.4	23
54	Exercise-induced ROS in heat shock proteins response. *Free Radical Biology and Medicine*, **2016**, 98, 46-55	7.8	65
53	Resistance training and redox homeostasis: Correlation with age-associated genomic changes. *Redox Biology*, **2016**, 10, 34-44	11.3	41
52	Effect of sport training on forearm bone sites in female handball and soccer players. *Journal of Sports Medicine and Physical Fitness*, **2016**, 56, 1503-1510	1.4	4
51	Application of Next Generation Sequencing for personalized medicine for sudden cardiac death. *Frontiers in Genetics*, **2015**, 6, 55	4.5	16
50	Alpha B-crystallin induction in skeletal muscle cells under redox imbalance is mediated by a JNK-dependent regulatory mechanism. *Free Radical Biology and Medicine*, **2015**, 86, 331-42	7.8	20
49	Physical exercise and redox balance in type 2 diabetics: effects of moderate training on biomarkers of oxidative stress and DNA damage evaluated through comet assay. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 981242	6.7	36
48	Genotoxic stress inhibits Ewing sarcoma cell growth by modulating alternative pre-mRNA processing of the RNA helicase DHX9. *Oncotarget*, **2015**, 6, 31740-57	3.3	29
47	Protein carbonylation and heat shock proteins in human skeletal muscle: relationships to age and sarcopenia. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 174-81	6.4	44
46	Acute effects of physical exercise and phosphodiesterase 5 type 5 inhibition on serum 11-hydroxysteroid dehydrogenases related glucocorticoids metabolites: a pilot study. *Endocrine*, **2014**, 47, 952-8	4	7
45	Explosive type of moderate-resistance training induces functional, cardiovascular, and molecular adaptations in the elderly. *Age*, **2014**, 36, 759-72		53

44	Effects of vitamin C and E supplementation on endogenous antioxidant systems and heat shock proteins in response to endurance training. *Physiological Reports*, **2014**, 2, e12142	2.6	16
43	Oxidative stress responses to a graded maximal exercise test in older adults following explosive-type resistance training. *Redox Biology*, **2014**, 2, 65-72	11.3	38
42	Platelet-rich plasma and skeletal muscle healing: a molecular analysis of the early phases of the regeneration process in an experimental animal model. *PLoS ONE*, **2014**, 9, e102993	3.7	48
41	SFRR-E Young Investigator AwardeeB-crystallin modulation after acute exercise in skeletal muscle: the role of oxidative stress and fiber composition. *Free Radical Biology and Medicine*, **2014**, 75 Suppl 1, S13-4	7.8	1
40	Role of exercise-induced reactive oxygen species in the modulation of heat shock protein response. *Free Radical Research*, **2014**, 48, 52-70	4	45
39	Association analysis of ACE and ACTN3 in elite Caucasian and East Asian swimmers. *Medicine and Science in Sports and Exercise*, **2013**, 45, 892-900	1.2	64
38	Increased Plin2 expression in human skeletal muscle is associated with sarcopenia and muscle weakness. *PLoS ONE*, **2013**, 8, e73709	3.7	38
37	In vitro susceptibility of thioredoxins and glutathione to redox modification and aging-related changes in skeletal muscle. *Free Radical Biology and Medicine*, **2012**, 53, 2017-27	7.8	24
36	A simple protocol for the subcellular fractionation of skeletal muscle cells and tissue. *BMC Research Notes*, **2012**, 5, 513	2.3	185
35	Acute exercise modulates BDNF and pro-BDNF protein content in immune cells. *Medicine and Science in Sports and Exercise*, **2012**, 44, 1871-80	1.2	52
34	Modulation of the apoptotic pathway in skeletal muscle models: the role of growth hormone. *Growth Factors*, **2011**, 29, 21-35	1.6	3
33	Effects of salmeterol on skeletal muscle cells: metabolic and proapoptotic features. *Medicine and Science in Sports and Exercise*, **2011**, 43, 2259-73	1.2	7
32	AlphaB-crystallin is involved in oxidative stress protection determined by VEGF in skeletal myoblasts. *Free Radical Biology and Medicine*, **2010**, 49, 374-82	7.8	24
31	CoCl(2)-simulated hypoxia in skeletal muscle cell lines: Role of free radicals in gene up-regulation and induction of apoptosis. *Free Radical Research*, **2007**, 41, 391-401	4	24
30	Cellular and biochemical parameters of exercise-induced oxidative stress: relationship with training levels. *Free Radical Research*, **2006**, 40, 607-14	4	43
29	Individual susceptibility to DNA telomerase inhibitors: a study on the chromosome instability induced by 3Sazido-3Sdeoxythymidine in lymphocytes of elderly twins. *Mutagenesis*, **2004**, 19, 99-104	2.8	3
28	Aphidicolin and bleomycin induced chromosome damage as biomarker of mutagen sensitivity: a twin study. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2004**, 546, 55-64	3.3	25
27	Nuclear factor kappaB and activating protein 1 are involved in differentiation-related resistance to oxidative stress in skeletal muscle cells. *Free Radical Biology and Medicine*, **2004**, 37, 1024-36	7.8	63

26	Cellular responses to H(2)O(2) and bleomycin-induced oxidative stress in L6C5 rat myoblasts. *Free Radical Biology and Medicine*, **2003**, 35, 1355-64	7.8	51
25	Bleomycin-induced chromosome aberrations in lymphocytes derived from patients with lamellar ichthyosis. *Cancer Genetics and Cytogenetics*, **1999**, 108, 154-7		1
24	In vitro effects of growth hormone (GH) and insulin-like growth factor I and II (IGF-I and -II) on chromosome fragility and p53 protein expression in human lymphocytes. *European Journal of Clinical Investigation*, **1998**, 28, 41-7	4.6	29
23	Sister chromatid exchanges and DNA topoisomerase II inhibitors: effect of low concentrations of etoposide (VP-16) in ataxia telangiectasia lymphoblastoid cell lines. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1998**, 412, 1-7	3	2
22	Induction of apoptosis by bleomycin in resting and cycling human lymphocytes. *Mutagenesis*, **1998**, 13, 209-15	2.8	27
21	Cytogenetic effects in lymphocytes from children exposed to radiation fall-out after the Chernobyl accident. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1997**, 395, 249-54	3	25
20	Do human lymphocytes exposed to the fallout of the Chernobyl accident exhibit an adaptive response? III. Challenge with bleomycin in lymphocytes from children hit by the initial acute dose of ionizing radiation. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1996**, 354, 77-80	3.3	18
19	Characteristic chromosomal fragility of human embryonic cells exposed in vitro to aphidicolin. *Human Genetics*, **1995**, 96, 269-74	6.3	7
18	Do human lymphocytes exposed to the fallout of the Chernobyl accident exhibit an adaptive response? 2. Challenge with bleomycin. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1995**, 332, 39-44	3.3	19
17	Do human lymphocytes exposed to the fallout of the Chernobyl accident exhibit an adaptive response? 1. Challenge with ionizing radiation. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1995**, 332, 33-8	3.3	18
16	Subregional localization of 14 yeast artificial chromosomes to human chromosome region 1p by fluorescence in situ hybridization. *Cytogenetic and Genome Research*, **1995**, 70, 23-5	1.9	2
15	Cytogenetic study in lymphocytes from children exposed to ionizing radiation after the Chernobyl accident. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1993**, 319, 55-60		25
14	Sensitivity to bleomycin and arabinoside cytosine in lymphocytes of patients affected by neuroblastoma and in those of their parents. *Cancer Biotherapy*, **1993**, 8, 87-94		1
13	Increased chromosome fragility in lymphocytes of short normal children treated with recombinant human growth hormone. *Human Genetics*, **1993**, 91, 459-63	6.3	23
12	Hypersensitivity of lymphoblastoid lines derived from ataxia telangiectasia patients to the induction of chromosomal aberrations by etoposide (VP-16). *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1993**, 290, 265-72	3.3	16
11	Different localization of Epstein-Barr virus genome in two subclones of the Burkitt lymphoma cell line Namalwa. *Genes Chromosomes and Cancer*, **1992**, 4, 205-10	5	13
10	Structural chromosomal rearrangements in HpaII-treated human lymphocytes. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1991**, 248, 115-21	3.3	8
9	Synergism between aphidicolin and adenoviruses in the induction of breaks at fragile sites on human chromosomes. *Cancer Genetics and Cytogenetics*, **1991**, 54, 39-53		20

8	Chromosome fragile sites in Down syndrome patients. *American Journal of Medical Genetics Part A*, **1990**, 7, 192-4		1
7	The distribution of MspI-induced breaks in human lymphocyte chromosomes and its relationship to common fragile sites. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1989**, 213, 117-24	3.3	11
6	Fragile site 1p13.1 in neuroblastoma patients. *Cancer Genetics and Cytogenetics*, **1989**, 40, 135-6		3
5	Sister-chromatid exchanges in human lymphocytes exposed to 1-p-(3-methyltriazeno)benzoic acid potassium salt. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis*, **1988**, 208, 233-6		4
4	Common fragile sites and human cancer. A study on lymphocytes from neuroblastoma patients. *Cancer Genetics and Cytogenetics*, **1988**, 36, 13-23		29
3	Specific sites for EBV association in the Namalwa Burkitt lymphoma cell line and in a lymphoblastoid line transformed in vitro with EBV. *Cytogenetic and Genome Research*, **1988**, 48, 220-3	1.9	6
2	Cytogenetic effects of 1-p-(3-methyltriazeno)benzoic acid potassium salt on human lymphocytes in vitro. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1987**, 189, 349-56		6
1	Common fragile sites: their prevalence in subjects with constitutional and acquired chromosomal instability. *American Journal of Medical Genetics Part A*, **1987**, 27, 471-82		61