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Gender differences in free radical homeostasis during aging: shorter-lived female C57BL6 mice have increased oxidative stress

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#	Paper	IF	Citations
106	Abstracts. 2007 , 10, S-19-S-53		
105	Male rats exhibit higher oxidative protein damage than females of the same chronological age. 2007 , 128, 365-9		38
104	Gender difference as regards myocardial protein oxidation in aged rats: male rats have increased oxidative protein damage. 2007 , 8, 653-61		28
103	SOD activity of carboxyfullerenes predicts their neuroprotective efficacy: a structure-activity study. 2008 , 4, 283-94		65
102	Long-term schisandrin B treatment mitigates age-related impairments in mitochondrial antioxidant status and functional ability in various tissues, and improves the survival of aging C57BL/6J mice. 2008 , 34, 331-342		25
101	Neutrophils of centenarians show function levels similar to those of young adults. 2008 , 56, 2244-51		64
100	Different rates of telomere attrition in peripheral lymphocytes in a pair of dizygotic twins with hematopoietic chimerism. <i>Aging Cell</i> , 2008 , 7, 663-6	9.9	14
99	GH replacement reduces increased lipid peroxidation in GH-deficient adults. 2008 , 68, 957-64		9
98	Modulation of longevity-associated genes by estrogens or phytoestrogens. 2008 , 389, 273-7		36
97	Prolonged alpha-tocopherol deficiency decreases oxidative stress and unmasks alpha-tocopherol-dependent regulation of mitochondrial function in the brain. 2008 , 283, 6915-24		39
96	The molecular mechanisms of OPA1-mediated optic atrophy in <i>Drosophila</i> model and prospects for antioxidant treatment. 2008 , 4, e6		84
95	Glutathione peroxidase 1 Pro198Leu variant contributes to the metabolic syndrome in men in a large Japanese cohort. 2008 , 87, 1939-44		48
94	Superoxide and nitric oxide in senescence and aging. 2009 , 14, 3899-912		12
93	IL-6 mediated degeneration of forebrain GABAergic interneurons and cognitive impairment in aged mice through activation of neuronal NADPH oxidase. 2009 , 4, e5518		114
92	Altered skeletal muscle insulin signaling and mitochondrial complex II-III linked activity in adult offspring of obese mice. 2009 , 297, R675-81		81
91	Ceruloplasmin alters the tissue disposition and neurotoxicity of manganese, but not its loading onto transferrin. 2009 , 107, 182-93		37
90	Lamin B1 controls oxidative stress responses via Oct-1. 2009 , 184, 45-55		126

89	Sex-dependent differences in aged rat brain mitochondrial function and oxidative stress. 2009 , 46, 169-75	87
88	Mitochondrial dihydrolipoyl succinyltransferase deficiency accelerates amyloid pathology and memory deficit in a transgenic mouse model of amyloid deposition. 2009 , 47, 1019-27	43
87	KLOTHO gene polymorphisms G-395A and C1818T are associated with lipid and glucose metabolism, bone mineral density and systolic blood pressure in Japanese healthy subjects. 2009 , 406, 134-8	44
86	Comparison of oxidative stress and antioxidant capacity before and after running exercises in both sexes. 2009 , 6, 587-95	30
85	In vivo optical imaging of dihydroethidium oxidation in the mouse brain employing fluorescence intensity and lifetime contrast. 2009 ,	
84	Gender-dependent oxidative variations in liver of aged rats. 2010 , 11, 335-46	21
83	Aging of different avian cultured cells: lack of ROS-induced damage and quality control mechanisms. 2010 , 131, 48-59	25
82	Reduction of cerebral oxidative stress following environmental enrichment in mice with Alzheimer-like pathology. 2010 , 20, 166-75	62
81	Elevated mitochondrial reactive oxygen species generation affects the immune response via hypoxia-inducible factor-1alpha in long-lived Mcl1+/- mouse mutants. 2010 , 184, 582-90	90
80	Women live longer than men: understanding molecular mechanisms offers opportunities to intervene by using estrogenic compounds. 2010 , 13, 269-78	38
79	Neuronal death during combined intermittent hypoxia/hypercapnia is due to mitochondrial dysfunction. 2010 , 298, C1594-602	57
78	Longevity in mice without a father. 2010 , 25, 457-61	18
77	Sex-specific role of thioredoxin in neuroprotection against iron-induced brain injury conferred by estradiol. 2010 , 41, 160-5	28
76	Metabolic depression and increased reactive oxygen species production by isolated mitochondria at moderately lower temperatures. 2010 , 285, 32522-8	48
75	Age- and gender-specific changes of hypocretin immunopositive neurons in C57Bl/6 mice. 2010 , 472, 29-32	46
74	Sex Differences in Longevity and Aging. 2011 , 479-495	29
73	Glutathione metabolism is modulated by postmortem interval, gender difference and agonal state in postmortem human brains. 2011 , 59, 1029-42	30
72	Initial evidence linking synaptic superoxide production with poor short-term memory in aged mice. 2011 , 1368, 65-70	26

71	Sex- and age-specific differences in core body temperature of C57Bl/6 mice. 2011 , 33, 89-99	73
70	Strategies to improve the functions and redox state of the immune system in aged subjects. 2011 , 17, 3966-93	48
69	Effect of storage time, postmortem interval, agonal state, and gender on the postmortem preservation of glial fibrillary acidic protein and oxidatively damaged proteins in human brains. 2011 , 9, 379-87	16
68	Protein Oxidation and Aging: Different Model Systems and Affecting Factors. 2012 , 295-415	
67	Is Gender-specific Therapy Necessary for Patients of Hemorrhagic Stroke?. 2012 , 4, 309-312	
66	The role of estrogen deficiency in skin ageing and wound healing. 2012 , 13, 3-20	68
65	Sex-specific perinatal expression of glutathione peroxidases during mouse lung development. 2012 , 355, 87-95	15
64	Regional differences in sexually dimorphic protein expression in the spontaneously hypertensive rat (SHR). 2012 , 362, 103-14	6
63	The free radical theory of aging revisited: the cell signaling disruption theory of aging. 2013 , 19, 779-87	141
62	Sex differences of oxidative stress markers in young healthy subjects are marker-specific in plasma but not in saliva. 2013 , 40, 175-80	12
61	Oxidative stress and the evolution of sex differences in life span and ageing in the decorated cricket, <i>Gryllodes sigillatus</i> . 2013 , 67, 620-34	33
60	Dissecting molecular stress networks: identifying nodes of divergence between life-history phenotypes. 2013 , 22, 739-56	36
59	Protein oxidation seems to be linked to constitutive autophagy: a sex study. <i>Life Sciences</i> , 2013 , 93, 145-52	35
58	Radical reactions of fullerenes: from synthetic organic chemistry to materials science and biology. 2013 , 113, 5262-321	271
57	Profile of oxidant and antioxidant activity in prepubertal children related to age, gender, exercise, and fitness. 2013 , 38, 421-6	7
56	Age-related changes in the activity and expression of manganese superoxide dismutase, and mitochondrial oxidant generation in female and male rats. 2013 , 38, 445-450	2
55	Possible role of -374T/A polymorphism of RAGE gene in longevity. 2013 , 14, 23203-11	4
54	Role of oestrogens on oxidative stress and inflammation in ageing. 2013 , 16, 65-72	18

53	X inactivation plays a major role in the gender bias in somatic expansion in a mouse model of the fragile X-related disorders: implications for the mechanism of repeat expansion. 2014 , 23, 4985-94	23
52	Gender-specific pleiotropic bone-muscle relationship in the elderly from a nationwide survey (KNHANES IV). 2014 , 25, 1053-61	18
51	Male-Specific Alleviation of Iron-Induced Striatal Injury by Inhibition of Autophagy. 2015 , 10, e0131224	15
50	G-395A polymorphism in the promoter region of the KLOTHO gene and hypertension among elderly (90 years and older) Chinese individuals. 2015 , 14, 15444-52	10
49	Sex Differences in Longevity and in Responses to Anti-Aging Interventions: A Mini-Review. 2015 , 62, 40-6	84
48	Sex differences in mitochondrial (dys)function: Implications for neuroprotection. 2015 , 47, 173-88	89
47	Oxidative stress and redox regulation on hippocampal-dependent cognitive functions. 2015 , 576, 2-7	74
46	Nitric oxide availability is increased in contracting skeletal muscle from aged mice, but does not differentially decrease muscle superoxide. 2015 , 78, 82-8	20
45	Physiological and pathophysiological reactive oxygen species as probed by EPR spectroscopy: the underutilized research window on muscle ageing. 2016 , 594, 4591-613	18
44	Knockout of ho-1 protects the striatum from ferrous iron-induced injury in a male-specific manner in mice. 2016 , 6, 26358	16
43	All or nothing: Survival, reproduction and oxidative balance in Spotted Wing Drosophila (<i>Drosophila suzukii</i>) in response to cold. 2016 , 89, 28-36	26
42	The Klotho gene G-395A polymorphism and metabolic syndrome in very elderly people. 2016 , 16, 46	10
41	Sex Differences in Lifespan. 2016 , 23, 1022-1033	236
40	Adverse Geriatric Outcomes Secondary to Polypharmacy in a Mouse Model: The Influence of Aging. 2016 , 71, 571-7	38
39	Sex-specific differences in mitochondria biogenesis, morphology, respiratory function, and ROS homeostasis in young mouse heart and brain. 2017 , 5, e13125	67
38	Cross platform analysis of transcriptomic data identifies ageing has distinct and opposite effects on tendon in males and females. 2017 , 7, 14443	13
37	Carboxylated fullerenes: Physico-chemical properties and potential applications. 2017 , 47-48, 19-36	26
36	Sex as a determinant of age-related changes in rat spinal cord inflammation-oxidation state. 2017 , 18, 821-839	4

35	Role of Sex Hormones on Brain Mitochondrial Function, with Special Reference to Aging and Neurodegenerative Diseases. 2017 , 9, 406	54
34	Put "gender glasses" on the effects of phenolic compounds on cardiovascular function and diseases. 2018 , 57, 2677-2691	24
33	Mitochondria and Ageing. 2018 , 33-45	1
32	Pharmacokinetics and Toxicology of the Neuroprotective e,e,e-Methanofullerene(60)-63-tris Malonic Acid[C] in Mice and Primates. 2018 , 43, 543-554	7
31	Changes in Serine Racemase-Dependent Modulation of NMDA Receptor: Impact on Physiological and Pathological Brain Aging. 2018 , 5, 106	11
30	A free radical theory of frailty. 2018 , 124, 358-363	45
29	Precision medicine and drug development in Alzheimer β disease: the importance of sexual dimorphism and patient stratification. 2018 , 50, 31-51	29
28	Targeting GPER1 to suppress autophagy as a male-specific therapeutic strategy for iron-induced striatal injury. 2019 , 9, 6661	8
27	Sex-Specific Differences in Redox Homeostasis in Brain Norm and Disease. 2019 , 67, 312-342	15
26	Changes in causes and age of death in an eastern German county over a period of 14 years. Comparison of rural and urban populations. Focus on COPD and ischemic heart disease. 2020 , 29, 753	
25	Sexual dimorphism in glutathione metabolism and glutathione-dependent responses. 2020 , 31, 101410	24
24	The intrinsic apoptotic pathway lies upstream of oxidative stress in multiple organs. 2020 , 158, 13-19	9
23	Ozone and Particulate Matter Exposure and Alzheimer β Disease: A Review of Human and Animal Studies. 2020 , 76, 807-824	0
22	Age-related murine hippocampal CA1 laminae oxidative stress measured in vivo by QUEnch-assISTed (QUEST) MRI: impact of isoflurane anesthesia. 2020 , 42, 563-574	5
21	Biologically active water-soluble fullerene adducts: Das Glasperlenspiel (by H. Hesse)? 2021 , 323, 114990	10
20	Calcium channel ITPR2 and mitochondria-ER contacts promote cellular senescence and aging. 2021 , 12, 720	21
19	Sericin modulates learning and memory behaviors by tuning of antioxidant, inflammatory, and apoptotic markers in the hippocampus of aged mice. 2021 , 48, 1371-1382	7
18	Metabolic Syndrome as the First Stage of Eldership; the Beginning of Real Aging.	0

17	Cardiovascular Effects of Aging in Primates Gender Differences. 2011 , 385-404		1
16	Myocardial creatine levels do not influence response to acute oxidative stress in isolated perfused heart. 2014 , 9, e109021		10
15	Sex-related differences in length and erosion dynamics of human telomeres favor females. 2009 , 1, 733-9		28
14	Sex-specific components of frailty in C57BL/6 mice. 2019 , 11, 5206-5214		16
13	Beneficial Effects of Fermented Papaya Preparation (FPP) Supplementation on Redox Balance and Aging in a Mouse Model. <i>Antioxidants</i> , 2020 , 9,	7.1	4
12	Glutamine supplementation can reduce some atherosclerosis markers after exhaustive exercise in young healthy males. 2021 , 94, 111506		1
11	ROS and RNS Signaling in Senescence and Aging. 2009 , 159-188		
10	Estrogenic Modulation of Longevity by Induction of Antioxidant Enzymes. 2010 , 119-128		
9	Association between asymptomatic intracranial arterial stenosis and insulin resistance or diabetes mellitus: a cross-sectional study in rural Shandong, China. 2020 , 8,		0
8	Neural oscillatory activity serving sensorimotor control is predicted by superoxide-sensitive mitochondrial redox environments. 2021 , 118,		0
7	Phytosterols content of Keunnunjami germ and its antioxidative effects in adult rats. 2020 , 53, 99		
6	Protective effects of dietary curcumin and astaxanthin against heat-induced ROS production and skeletal muscle injury in male and female C57BL/6J mice. <i>Life Sciences</i> , 2021 , 288, 120160	6.8	0
5	Redox Dysregulation in Aging and COPD: Role of NOX Enzymes and Implications for Antioxidant Strategies. <i>Antioxidants</i> , 2021 , 10,	7.1	2
4	Baseline Characteristics of Mitochondrial DNA and Mutations Associated With Short-Term Posttreatment CD4+T-Cell Recovery in Chinese People With HIV.. <i>Frontiers in Immunology</i> , 2021 , 12, 793375	8.4	5
3	What's my age again? The association between self-employment and klotho protein. <i>Journal of Business Venturing Insights</i> , 2022 , 17, e00313	4.7	
2	Environmental enrichment and the aging brain: is it time for standardization?. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 139, 104728	9	1
1	Sex-specific differences in oxidative stress markers and collagen expression in perioral skin wrinkling.		0