Junichi Fujii

List of Publications by Year
in descending order

143 papers	5,556 citations	76326 40 h-index	95266 68 g-index
143 all docs	143 docs citations	143 times ranked	6319 citing authors

#	Article	IF	Citations
1	Advances in our understanding of peroxiredoxin, a multifunctional, mammalian redox protein. Redox Report, 2002, 7, 123-130.	4.5	345
2	Reducing sugars trigger oxidative modification and apoptosis in pancreatic Î²-cells by provoking oxidative stress through the glycation reaction. Biochemical Journal, 1996, 320, 855-863.	3.7	234
3	Fundamental roles of reactive oxygen species and protective mechanisms in the female reproductive system. Reproductive Biology and Endocrinology, 2005, 3, 43.	3.3	218
4	Induction of Apoptotic Cell Death by Methylglyoxal and 3-Deoxyglucosone in Macrophage-Derived Cell Lines. Biochemical and Biophysical Research Communications, 1996, 225, 219-224.	2.1	175
5	Peroxiredoxin 4knockout results in elevated spermatogenic cell death via oxidative stress. Biochemical Journal, 2009, 419, 149-158.	3.7	175
6	Roles of Antioxidative Enzymes in Wound Healing. Journal of Developmental Biology, 2015, 3, 57-70.	1.7	159
7	Peroxiredoxin IV Is a Secretable Protein with Heparin-Binding Properties under Reduced Conditions. Journal of Biochemistry, 2000, 127, 493-501.	1.7	153
8	Elevated oxidative stress in erythrocytes due to a SOD1 deficiency causes anaemia and triggers autoantibody production. Biochemical Journal, 2007, 402, 219-227.	3.7	144
9	Cloning of the peroxiredoxin gene family in rats and characterization of the fourth member. FEBS Letters, 1999, 443, 246-250.	2.8	123
10	Accelerated impairment of spermatogenic cells in sod1-knockout mice under heat stress. Free Radical Research, 2005, 39, 697-705.	3.3	116
11	B- to Plasma-Cell Terminal Differentiation Entails Oxidative Stress and Profound Reshaping of the Antioxidant Responses. Antioxidants and Redox Signaling, 2010, 13, 1133-1144.	5.4	110
12	Application of Glutathione as Anti-Oxidative and Anti-Aging Drugs. Current Drug Metabolism, 2015, 16, 560-571.	1.2	107
13	The Oxidation of Selenocysteine Is Involved in the Inactivation of Glutathione Peroxidase by Nitric Oxide Donor. Journal of Biological Chemistry, 1997, 272, 19152-19157.	3.4	106
14	Endoplasmic Reticulum Thiol Oxidase Deficiency Leads to Ascorbic Acid Depletion and Noncanonical Scurvy in Mice. Molecular Cell, 2012, 48, 39-51.	9.7	103
15	Cooperative function of antioxidant and redox systems against oxidative stress in male reproductive tissues. Asian Journal of Andrology, 2003, 5, 231-42.	1.6	89
16	Peroxiredoxin 4 Protects Against Nonalcoholic Steatohepatitis and Type 2 Diabetes in a Nongenetic Mouse Model. Antioxidants and Redox Signaling, 2013, 19, 1983-1998.	5.4	82
17	Superoxide Radicals in the Execution of Cell Death. Antioxidants, 2022, 11, 501.	5.1	80
18	Induction of Nitric Oxide Synthase and Concomitant Suppression of Superoxide Dismutases in Experimental Colitis in Rats. Archives of Biochemistry and Biophysics, 1995, 324, 41-47.	3.0	79

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19	In vivo glycation of aldehyde reductase, a major 3-deoxyglucosone reducing enzyme: identification of glycation sites. Biochemistry, 1995, 34, 1433-1438.	2.5	73
20	Possible involvement of the membrane-bound form of peroxiredoxin 4 in acrosome formation during spermiogenesis of rats. FEBS Journal, 2001, 268, 3053-3061.	0.2	69
21	Edaravone, a free radical scavenger, protects against ferroptotic cell death in vitro. Experimental Cell Research, 2019, 384, 111592.	2.6	69
22	Suppression of the pro-apoptotic function of cytochrome c by singlet oxygen via a haem redox state-independent mechanism. Biochemical Journal, 2005, 392, 399-406.	3.7	68
23	Oxidative stress triggers lipid droplet accumulation in primary cultured hepatocytes by activating fatty acid synthesis. Biochemical and Biophysical Research Communications, 2015, 464, 229-235.	2.1	68
24	The expression of glutathione reductase in the male reproductive system of rats supports the enzymatic basis of glutathione function in spermatogenesis. FEBS Journal, 2002, 269, 1570-1578.	0.2	65
25	Suppression of cytochrome c release and apoptosis in testes with heat stress by minocycline. Biochemical and Biophysical Research Communications, 2003, 312, 843-849.	2.1	65
26	Cystathionine Is a Novel Substrate of Cystine/Glutamate Transporter. Journal of Biological Chemistry, 2015, 290, 8778-8788.	3.4	65
27	Augmented expression of peroxiredoxin VI in rat lung and kidney after birth implies an antioxidative role. FEBS Journal, 2001, 268, 218-225.	0.2	61
28	Mutual interaction between oxidative stress and endoplasmic reticulum stress in the pathogenesis of diseases specifically focusing on non-alcoholic fatty liver disease. World Journal of Biological Chemistry, 2018, 9, 1-15.	4.3	57
29	Ferroptosis caused by cysteine insufficiency and oxidative insult. Free Radical Research, 2020, 54, 969-980.	3.3	56
30	Functional expression of rat thioredoxin reductase: selenocysteine insertion sequence element is essential for the active enzyme. Biochemical Journal, 1999, 340, 439-444.	3.7	54
31	Apoptosis and expression of apoptosis-related genes in the mouse testis following heat exposure. Fertility and Sterility, 2002, 77, 787-793.	1.0	52
32	Alteration of Glutathione Reductase Expression in the Female Reproductive Organs During the Estrous Cycle1. Biology of Reproduction, 2001, 65, 1410-1416.	2.7	49
33	Spontaneous skin damage and delayed wound healing in SOD1-deficient mice. Molecular and Cellular Biochemistry, 2010, 341, 181-194.	3.1	48
34	Unveiling the roles of the glutathione redox system <i>in vivo</i> by analyzing genetically modified mice. Journal of Clinical Biochemistry and Nutrition, 2011, 49, 70-78.	1.4	48
35	Peroxiredoxin-controlled G-CSF signalling at the endoplasmic reticulumâ€“early endosome interface. Journal of Cell Science, 2011, 124, 3695-3705.	2.0	48
36	Impaired Fertilizing Ability of Superoxide Dismutase 1-Deficient Mouse Sperm During In Vitro Fertilization1. Biology of Reproduction, 2012, 87, 121.	2.7	47

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37	Physiological and pathological views of peroxiredoxin 4. Free Radical Biology and Medicine, 2015, 83, 373-379.	2.9	45
38	Specific inactivation of cysteine protease-type cathepsin by singlet oxygen generated from naphthalene endoperoxides. Biochemical and Biophysical Research Communications, 2005, 331, 215-223.	2.1	43
39	Implication of oxidative stress as a cause of autoimmune hemolytic anemia in NZB mice. Free Radical Biology and Medicine, 2010, 48, 935-944.	2.9	42
40	Glycation and inactivation of sorbitol dehydrogenase in normal and diabetic rats. Biochemical Journal, 1996, 318, 119-123.	3.7	41
41	Deterioration of ischemia/reperfusion-induced acute renal failure in SOD1-deficient mice. Free Radical Research, 2007, 41, 200-207.	3.3	39
42	Prdx4 is a compartment-specific H2O2 sensor that regulates neurogenesis by controlling surface expression of GDE2. Nature Communications, 2015, 6, 7006.	12.8	39
43	An SOD1 deficiency enhances lipid droplet accumulation in the fasted mouse liver by aborting lipophagy. Biochemical and Biophysical Research Communications, 2015, 467, 866-871.	2.1	39
44	Intrinsic oxidative stress causes either 2-cell arrest or cell death depending on developmental stage of the embryos from SOD1-deficient mice. Molecular Human Reproduction, 2010, 16, 441-451.	2.8	38
45	Redox regulation of fertilisation and the spermatogenic process. Asian Journal of Andrology, 2011, 13, 420-423.	1.6	37
46	An abortive apoptotic pathway induced by singlet oxygen is due to the suppression of caspase activation. Biochemical Journal, 2005, 389, 197-206.	3.7	36
47	Rescue of anaemia and autoimmune responses in SOD1-deficient mice by transgenic expression of human SOD1 in erythrocytes. Biochemical Journal, 2009, 422, 313-320.	3.7	36
48	Glycation proceeds faster in mutated Cu, Znâ€superoxide dismutases related to familial amyotrophic lateral sclerosis. FASEB Journal, 2003, 17, 1-18.	0.5	34
49	Identification of a Lipid Peroxidation Product as the Source of Oxidation-specific Epitopes Recognized by Anti-DNA Autoantibodies*. Journal of Biological Chemistry, 2010, 285, 33834-33842.	3.4	34
50	In vivo role of aldehyde reductase. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1787-1796.	2.4	34
51	Redox reactions in mammalian spermatogenesis and the potential targets of reactive oxygen species under oxidative stress. Spermatogenesis, 2014, 4, e979108.	0.8	34
52	Induction of Aldose Reductase Gene Expression in LEC Rats during the Development of the Hereditary Hepatitis and Hepatoma. Japanese Journal of Cancer Research, 1996, 87, 337-341.	1.7	33
53	Redox Capacity of Cells Affects Inactivation of Glutathione Reductase by Nitrosative Stress. Archives of Biochemistry and Biophysics, 2000, 378, 123-130.	3.0	32
54	Enhanced expression of cystine/glutamate transporter in the lung caused by the oxidative-stress-inducing agent paraquat. Free Radical Biology and Medicine, 2012, 53, 2197-2203.	2.9	32

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55	Characterization of Wild-Type and Amyotrophic Lateral Sclerosis-Related Mutant Cu,Zn-Superoxide Dismutases Overproduced in Baculovirus-Infected Insect Cells. Journal of Neurochemistry, 2002, 64, 1456-1461.	3.9	31
56	Carbonyl stress and detoxification ability in the male genital tract and testis of rats. Histochemistry and Cell Biology, 2004, 121, 123-130.	1.7	30
57	Localization and physiological implication of aldose reductase and sorbitol dehydrogenase in reproductive tracts and spermatozoa of male rats. Journal of Andrology, 2002, 23, 674-83.	2.0	29
58	Oxidative stress as a potential causal factor for autoimmune hemolytic anemia and systemic lupus erythematosus. World Journal of Nephrology, 2015, 4, 213.	2.0	28
59	Overexpression of Peroxiredoxin 4 Affects Intestinal Function in a Dietary Mouse Model of Nonalcoholic Fatty Liver Disease. PLoS ONE, 2016, 11, e0152549.	2.5	28
60	Ascorbic acid prevents acetaminophen-induced hepatotoxicity in mice by ameliorating glutathione recovery and autophagy. Archives of Biochemistry and Biophysics, 2016, 604, 36-46.	3.0	28
61	Cysteine preservation confers resistance to glutathione-depleted cells against ferroptosis via CDGSH iron sulphur domain-containing proteins (CISDs). Free Radical Research, 2020, 54, 397-407.	3.3	28
62	Nitric oxide protects against ferroptosis by aborting the lipid peroxidation chain reaction. Nitric Oxide - Biology and Chemistry, 2021, 115, 34-43.	2.7	28
63	Specific detections of the early process of the glycation reaction by fructose and glucose in diabetic rat lens. FEBS Letters, 1998, 441, 116-120.	2.8	27
64	Differential Expression of Glutathione Reductase and Cytosolic Glutathione Peroxidase, GPX1, in Developing Rat Lungs and Kidneys. Free Radical Research, 2002, 36, 1041-1049.	3.3	26
65	Heat stress promotes the down-regulation of IRE1Î± in cells: An atypical modulation of the UPR pathway. Experimental Cell Research, 2016, 349, 128-138.	2.6	26
66	Accumulation of manganese superoxide dismutase under metal-depleted conditions: proposed role for zinc ions in cellular redox balance. Biochemical Journal, 2004, 377, 241-248.	3.7	25
67	Inactivation of cysteine and serine proteases by singlet oxygen. Archives of Biochemistry and Biophysics, 2007, 461, 151-158.	3.0	25
68	Superoxide produced by mitochondrial complex III plays a pivotal role in the execution of ferroptosis induced by cysteine starvation. Archives of Biochemistry and Biophysics, 2021, 700, 108775.	3.0	25
69	Gain in functions of mutant Cu,Zn-superoxide dismutases as a causative factor in familial amyotrophic lateral sclerosis: Less reactive oxidant formation but high spontaneous aggregation and precipitation. Free Radical Research, 2000, 33, 65-73.	3.3	24
70	Identification and Characterization of Alternatively Transcribed Form of Peroxiredoxin IV Gene That Is Specifically Expressed in Spermatids of Postpubertal Mouse Testis. Journal of Biological Chemistry, 2011, 286, 39002-39012.	3.4	24
71	xCT deficiency aggravates acetaminophen-induced hepatotoxicity under inhibition of the transsulfuration pathway. Free Radical Research, 2017, 51, 80-90.	3.3	24
72	The viability of primary hepatocytes is maintained under a low cysteine-glutathione redox state with a marked elevation in ophthalmic acid production. Experimental Cell Research, 2017, 361, 178-191.	2.6	24

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73	Reductive detoxification of acrolein as a potential role for aldehyde reductase (AKR1A) in mammals. Biochemical and Biophysical Research Communications, 2014, 452, 136-141.	2.1	23
74	Oxidative stress and redox regulation of gametogenesis, fertilization, and embryonic development. Reproductive Medicine and Biology, 2014, 13, 71-79.	2.4	23
75	The Association of Peroxiredoxin 4 with the Initiation and Progression of Hepatocellular Carcinoma. Antioxidants and Redox Signaling, 2019, 30, 1271-1284.	5.4	22
76	Erythrocytes as a preferential target of oxidative stress in blood. Free Radical Research, 2021, 55, 781-799.	3.3	21
77	A Pivotal Role of Zn-Binding Residues in the Function of the Copper Chaperone for SOD1. Biochemical and Biophysical Research Communications, 2000, 276, 999-1004.	2.1	20
78	Aggravation of ischemiaâ€“reperfusion-triggered acute renal failure in xCT-deficient mice. Archives of Biochemistry and Biophysics, 2009, 490, 63-69.	3.0	20
79	Immunological detection of fructated proteins in vitro and in vivo. Biochemical Journal, 1998, 336, 101-107.	3.7	19
80	A malfunction in triglyceride transfer from the intracellular lipid pool to apoB in enterocytes of SOD1â€deficient mice. FEBS Letters, 2012, 586, 4289-4295.	2.8	19
81	Measurement of peroxiredoxin-4 serum levels in rat tissue and its use as a potential marker for hepatic disease. Molecular Medicine Reports, 2012, 6, 379-384.	2.4	18
82	Differential responses of SOD1-deficient mouse embryonic fibroblasts to oxygen concentrations. Archives of Biochemistry and Biophysics, 2013, 537, 5-11.	3.0	18
83	Cystine/glutamate transporter, system x c â˜ , is involved in nitric oxide production in mouse peritoneal macrophages. Nitric Oxide - Biology and Chemistry, 2018, 78, 32-40.	2.7	18
84	Induction of ferroptosis by singlet oxygen generated from naphthalene endoperoxide. Biochemical and Biophysical Research Communications, 2019, 518, 519-525.	2.1	18
85	Elevated ER stress exacerbates dextran sulfate sodium-induced colitis in PRDX4-knockout mice. Free Radical Biology and Medicine, 2019, 134, 153-164.	2.9	17
86	Emerging connections between oxidative stress, defective proteolysis, and metabolic diseases. Free Radical Research, 2020, 54, 931-946.	3.3	17
87	Methionine Deprivation Reveals the Pivotal Roles of Cell Cycle Progression in Ferroptosis That Is Induced by Cysteine Starvation. Cells, 2022, 11, 1603.	4.1	17
88	Mice in the early stage of liver steatosis caused by a high fat diet are resistant to thioacetamide-induced hepatotoxicity and oxidative stress. Toxicology Letters, 2017, 277, 92-103.	0.8	16
89	SOD1 deficiency decreases proteasomal function, leading to the accumulation of ubiquitinated proteins in erythrocytes. Archives of Biochemistry and Biophysics, 2015, 583, 65-72.	3.0	15
90	Increased ophthalmic acid production is supported by amino acid catabolism under fasting conditions in mice. Biochemical and Biophysical Research Communications, 2017, 491, 649-655.	2.1	15

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91	Î³-Glutamylcysteine synthetase and Î³-glutamyl transferase as differential enzymatic sources of Î³-glutamylpeptides in mice. Amino Acids, 2020, 52, 555-566.	2.7	15
92	Colocalization of polyol-metabolizing enzymes and immunological detection of fructated proteins in the female reproductive system of the rat. Histochemistry and Cell Biology, 2003, 119, 309-315.	1.7	14
93	Ablation of aldehyde reductase aggravates carbon tetrachloride-induced acute hepatic injury involving oxidative stress and endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2016, 478, 765-771.	2.1	14
94	Oxidative stress caused by a SOD1 deficiency ameliorates thioacetamide-triggered cell death via CYP2E1 inhibition but stimulates liver steatosis. Archives of Toxicology, 2017, 91, 1319-1333.	4.2	14
95	Potential involvement of ubiquitinâ€proteasome system dysfunction associated with oxidative stress in the pathogenesis of sickle cell disease. British Journal of Haematology, 2018, 182, 559-566.	2.5	14
96	Structural Analysis of Amino Acids, Oxidized by Reactive Oxygen Species and an Antibody against N-Formylkynurenine. Journal of Clinical Biochemistry and Nutrition, 2006, 38, 107-111.	1.4	13
97	SOD1 deficiency induces the systemic hyperoxidation of peroxiredoxin in the mouse. Biochemical and Biophysical Research Communications, 2015, 463, 1040-1046.	2.1	13
98	Pleiotropic Actions of Aldehyde Reductase (AKR1A). Metabolites, 2021, 11, 343.	2.9	13
99	Impaired expression of peroxiredoxin 4 in damaged testes by artificial cryptorchidism. Redox Report, 2002, 7, 276-278.	4.5	12
100	Expression of N-terminally truncated forms of rat peroxiredoxin-4 in insect cells. Protein Expression and Purification, 2010, 72, 1-7.	1.3	12
101	Double Knockout of Peroxiredoxin 4 (Prdx4) and Superoxide Dismutase 1 (Sod1) in Mice Results in Severe Liver Failure. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	12
102	Peroxisome proliferator-activated receptor Î´ rescues xCT-deficient cells from ferroptosis by targeting peroxisomes. Biomedicine and Pharmacotherapy, 2021, 143, 112223.	5.6	12
103	Concerted Changes in the YB2/RYB-a Protein and Protamine 2 Messenger RNA in the Mouse Testis under Heat Stress1. Biology of Reproduction, 2003, 68, 129-135.	2.7	11
104	Deficiency of the cystine-transporter gene, xCT, does not exacerbate the deleterious phenotypic consequences of SOD1 knockout in mice. Molecular and Cellular Biochemistry, 2008, 319, 125-132.	3.1	11
105	Different consequences of reactions with hydrogen peroxide and t-butyl hydroperoxide in the hyperoxidative inactivation of rat peroxiredoxin-4. Journal of Biochemistry, 2011, 149, 443-453.	1.7	11
106	Reactive oxygen species exacerbate autoimmune hemolytic anemia in New Zealand Black mice. Free Radical Biology and Medicine, 2013, 65, 1378-1384.	2.9	11
107	Characterization of a rat monoclonal antibody raised against ferroptotic cells. Journal of Immunological Methods, 2021, 489, 112912.	1.4	11
108	Carnosine dipeptidase II (CNDP2) protects cells under cysteine insufficiency by hydrolyzing glutathione-related peptides. Free Radical Biology and Medicine, 2021, 174, 12-27.	2.9	11

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109	Ascorbic acid reverses the prolonged anesthetic action of pentobarbital in Akr1a-knockout mice. Life Sciences, 2014, 95, 1-8.	4.3	10
110	Decreased reproductive performance in xCT-knockout male mice. Free Radical Research, 2017, 51, 851-860.	3.3	10
111	Quantitative analysis of Î³-glutamylpeptides by liquid chromatography-mass spectrometry and application for Î³-glutamyltransferase assays. Analytical Biochemistry, 2019, 578, 13-22.	2.4	10
112	Ascorbate is a multifunctional micronutrient whose synthesis is lacking in primates. Journal of Clinical Biochemistry and Nutrition, 2021, 69, 1-15.	1.4	10
113	Molecular Mechanisms of Inflammation-Induced Carcinogenesis. Journal of Clinical Biochemistry and Nutrition, 2006, 39, 103-113.	1.4	9
114	Development of a quantitative bioassay to assess preventive compounds against inflammation-based carcinogenesis. Nitric Oxide - Biology and Chemistry, 2011, 25, 183-194.	2.7	9
115	Ascorbic acid insufficiency impairs spatial memory formation in juvenile AKR1A-knockout mice. Journal of Clinical Biochemistry and Nutrition, 2019, 65, 209-216.	1.4	9
116	A high-fat diet temporarily renders Sod1-deficient mice resistant to an oxidative insult. Journal of Nutritional Biochemistry, 2017, 40, 44-52.	4.2	8
117	Heightened aggressive behavior in mice deficient in aldo-keto reductase 1a (Akr1a). Behavioural Brain Research, 2017, 319, 219-224.	2.2	8
118	Ascorbic acid prevents N-nitrosodiethylamine-induced hepatic injury and hepatocarcinogenesis in Akr1a-knockout mice. Toxicology Letters, 2020, 333, 192-201.	0.8	8
119	Characteristics of Skeletal Muscle Fibers of SOD1 Knockout Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	4.0	7
120	Nitric oxide produced by NOS2 copes with the cytotoxic effects of superoxide in macrophages. Biochemistry and Biophysics Reports, 2021, 26, 100942.	1.3	7
121	Physiological Relevance of Aldehyde Reductase and Aldose Reductase Gene Expression. Advances in Experimental Medicine and Biology, 1999, 463, 419-426.	1.6	7
122	Trichloroethylene exposure aggravates behavioral abnormalities in mice that are deficient in superoxide dismutase. Regulatory Toxicology and Pharmacology, 2016, 79, 83-90.	2.7	6
123	The SOD1 transgene expressed in erythroid cells alleviates fatal phenotype in congenic NZB/NZW-F1 mice. Free Radical Research, 2016, 50, 793-800.	3.3	6
124	Mice deficient in aldo-keto reductase 1a (Akr1a) are resistant to thioacetamide-induced liver injury. Toxicology Letters, 2018, 294, 37-43.	0.8	6
125	Iron loading exerts synergistic action via a different mechanistic pathway from that of acetaminophen-induced hepatic injury in mice. Free Radical Research, 2020, 54, 606-619.	3.3	6
126	Defective biosynthesis of ascorbic acid in Sod1-deficient mice results in lethal damage to lung tissue. Free Radical Biology and Medicine, 2021, 162, 255-265.	2.9	6

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127	Unveiling systemic organ disorders associated with impaired lipid catabolism in fasted SOD1-deficient mice. Archives of Biochemistry and Biophysics, 2018, 654, 163-171.	3.0	5
128	An SOD1 deficiency aggravates proteasome inhibitor bortezomib-induced testicular damage in mice. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1108-1115.	2.4	5
129	Testis-specific peroxiredoxin 4 variant is not absolutely required for spermatogenesis and fertility in mice. Scientific Reports, 2020, 10, 17934.	3.3	5
130	Genetic ablation of aldehyde reductase (Akr1a) augments exercise endurance in mice via activation of the PGC-1Î±-involved pathway. Life Sciences, 2020, 249, 117501.	4.3	5
131	Protective role of testis-specific peroxiredoxin 4 against cellular oxidative stress. Journal of Clinical Biochemistry and Nutrition, 2017, 60, 156-161.	1.4	4
132	Developmental retardation in neonates of aldehyde reductase (AKR1A)-deficient mice is associated with low ascorbic acid and high corticosterone levels. Journal of Nutritional Biochemistry, 2021, 91, 108604.	4.2	4
133	LAT1 inhibitor JPH203 sensitizes cancer cells to radiation by enhancing radiation-induced cellular senescence. Translational Oncology, 2021, 14, 101212.	3.7	4
134	Heterozygous SOD1 deficiency in mice with an NZW background causes male infertility and an aberrant immune phenotype. Free Radical Research, 2019, 53, 1060-1072.	3.3	3
135	D-Cysteine supplementation partially protects against ferroptosis induced by xCT dysfunction via increasing the availability of glutathione. Journal of Clinical Biochemistry and Nutrition, 2022, 71, 48-54.	1.4	3
136	Oxidative Stress and Dysfunction of the Intracellular Proteolytic Machinery. , 2019, , 59-70.		2
137	Regulation of Ferroptosis Through the Cysteine-Glutathione Redox Axis. , 2019, , 197-213.		2
138	Introduction to serial reviews: physiological relevance of antioxid/redox genes; learning from genetically modified animals. Journal of Clinical Biochemistry and Nutrition, 2011, 49, 69-69.	1.4	1
139	Antithetical Roles of Reactive Oxygen Species in Mammalian Reproduction. , 2014, , 2705-2721.		1
140	A heterozygous deficiency in protein phosphatase Ppm1b results in an altered ovulation number in mice. Molecular Medicine Reports, 2019, 19, 5353-5360.	2.4	1
141	The concerted elevation of conjugation reactions is associated with the aggravation of acetaminophen toxicity in Akr1a-knockout mice with an ascorbate insufficiency. Life Sciences, 2022, 304, 120694.	4.3	1
142	Localization and physiological implication of polyol-metabolyzing enzymes in male and female reproductive systems of rat. International Congress Series, 2002, 1245, 363-364.	0.2	0
143	Consequences of a peroxiredoxin 4 (Prdx4) deficiency on learning and memory in mice. Biochemical and Biophysical Research Communications, 2022, 621, 32-38.	2.1	0