

Shinya Toyokuni

List of Publications by Year in descending order

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390
papers

29,759
citations

6254

80
h-index

6300

158
g-index

404
all docs

404
docs citations

404
times ranked

29890
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285.	28.9	4,081
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	9.1	1,430
3	Persistent oxidative stress in cancer. <i>FEBS Letters</i> , 1995, 358, 1-3.	2.8	1,021
4	Long-Term Proliferation in Culture and Germline Transmission of Mouse Male Germline Stem Cells1. <i>Biology of Reproduction</i> , 2003, 69, 612-616.	2.7	922
5	Inhibition of gastric inhibitory polypeptide signaling prevents obesity. <i>Nature Medicine</i> , 2002, 8, 738-742.	30.7	798
6	Generation of Pluripotent Stem Cells from Neonatal Mouse Testis. <i>Cell</i> , 2004, 119, 1001-1012.	28.9	766
7	Iron-induced carcinogenesis: The role of redox regulation. <i>Free Radical Biology and Medicine</i> , 1996, 20, 553-566.	2.9	496
8	Reactive oxygen species-induced molecular damage and its application in pathology. <i>Pathology International</i> , 1999, 49, 91-102.	1.3	481
9	Role of iron in carcinogenesis: Cancer as a ferrotoxic disease. <i>Cancer Science</i> , 2009, 100, 9-16.	3.9	461
10	Diameter and rigidity of multiwalled carbon nanotubes are critical factors in mesothelial injury and carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1330-8.	7.1	437
11	Guidelines for measuring reactive oxygen species and oxidative damage in cells and in vivo. <i>Nature Metabolism</i> , 2022, 4, 651-662.	11.9	356
12	Formation of 4-hydroxy-2-nonenal-modified proteins in the renal proximal tubules of rats treated with a renal carcinogen, ferric nitrilotriacetate.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 2616-2620.	7.1	326
13	4-Hydroxy-2-nonenal-mediated Impairment of Intracellular Proteolysis during Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1999, 274, 23787-23793.	3.4	309
14	Long-Term Culture of Mouse Male Germline Stem Cells Under Serum-or Feeder-Free Conditions1. <i>Biology of Reproduction</i> , 2005, 72, 985-991.	2.7	309
15	Carvedilol Decreases Elevated Oxidative Stress in Human Failing Myocardium. <i>Circulation</i> , 2002, 105, 2867-2871.	1.6	259
16	Contents of Endometriotic Cysts, Especially the High Concentration of Free Iron, Are a Possible Cause of Carcinogenesis in the Cysts through the Iron-Induced Persistent Oxidative Stress. <i>Clinical Cancer Research</i> , 2008, 14, 32-40.	7.0	259
17	CD9 Is a Surface Marker on Mouse and Rat Male Germline Stem Cells1. <i>Biology of Reproduction</i> , 2004, 70, 70-75.	2.7	256
18	Regulation of Marginal Zone B Cell Development by MINT, a Suppressor of Notch/RBPJ Signaling Pathway. <i>Immunity</i> , 2003, 18, 301-312.	14.3	244

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19	Role of Reactive Oxygen Species in Skin Carcinogenesis. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 561-570.	5.4	244
20	Michael Addition-Type 4-Hydroxy-2-nonenal Adducts in Modified Low-Density Lipoproteins: Markers for Atherosclerosis. <i>Biochemistry</i> , 1994, 33, 12487-12494.	2.5	242
21	New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus. <i>FEBS Letters</i> , 1997, 417, 150-152.	2.8	241
22	YAP induces malignant mesothelioma cell proliferation by upregulating transcription of cell cycle-promoting genes. <i>Oncogene</i> , 2012, 31, 5117-5122.	5.9	237
23	Biomarker evidence of DNA oxidation in lung cancer patients: association of urinary 8-hydroxy-2'-deoxyguanosine excretion with radiotherapy, chemotherapy, and response to treatment. <i>FEBS Letters</i> , 1997, 409, 287-291.	2.8	236
24	Akt mediates self-renewal division of mouse spermatogonial stem cells. <i>Development (Cambridge)</i> , 2007, 134, 1853-1859.	2.5	234
25	<i>LATS2</i> Is a Tumor Suppressor Gene of Malignant Mesothelioma. <i>Cancer Research</i> , 2011, 71, 873-883.	0.9	216
26	Genetic and epigenetic properties of mouse male germline stem cells during long-term culture. <i>Development (Cambridge)</i> , 2005, 132, 4155-4163.	2.5	210
27	Curcumin and Especially Tetrahydrocurcumin Ameliorate Oxidative Stress-Induced Renal Injury in Mice. <i>Journal of Nutrition</i> , 2001, 131, 2090-2095.	2.9	207
28	The monoclonal antibody specific for the 4-hydroxy-2-nonenal histidine adduct. <i>FEBS Letters</i> , 1995, 359, 189-191.	2.8	195
29	8-Hydroxy-2'-Deoxyguanosine Is Increased in Epidermal Cells of Hairless Mice after Chronic Ultraviolet B Exposure. <i>Journal of Investigative Dermatology</i> , 1996, 107, 733-737.	0.7	183
30	Iron and thiol redox signaling in cancer: An exquisite balance to escape ferroptosis. <i>Free Radical Biology and Medicine</i> , 2017, 108, 610-626.	2.9	180
31	FGF2 mediates mouse spermatogonial stem cell self-renewal via upregulation of <i>Etv5</i> and <i>Bcl6b</i> through MAP2K1 activation. <i>Development (Cambridge)</i> , 2012, 139, 1734-1743.	2.5	178
32	DNA base modifications in renal chromatin of wistar rats treated with a renal carcinogen, ferric nitrilotriacetate. <i>International Journal of Cancer</i> , 1994, 57, 123-128.	5.1	174
33	Formation of 8-hydroxy-2'-deoxyguanosine and 4-hydroxy-2-nonenal-modified proteins in human renal-cell carcinoma. <i>International Journal of Cancer</i> , 1994, 58, 825-829.	5.1	174
34	Pluripotency of a Single Spermatogonial Stem Cell in Mice. <i>Biology of Reproduction</i> , 2008, 78, 681-687.	2.7	170
35	The Role of Oxidative DNA Damage in Human Arsenic Carcinogenesis: Detection of 8-Hydroxy-2'-Deoxyguanosine in Arsenic-Related Bowen's Disease. <i>Journal of Investigative Dermatology</i> , 1999, 113, 26-31.	0.7	168
36	Astaxanthin Limits Exercise-Induced Skeletal and Cardiac Muscle Damage in Mice. <i>Antioxidants and Redox Signaling</i> , 2003, 5, 139-144.	5.4	165

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37	Iron and carcinogenesis: from Fenton reaction to target genes. <i>Redox Report</i> , 2002, 7, 189-197.	4.5	157
38	ARME1 is a Soluble ER Protein Induced by the Unfolded Protein Response via ERSE-II Element. <i>Cell Structure and Function</i> , 2007, 32, 41-50.	1.1	156
39	Adrenomedullin Infusion Attenuates Myocardial Ischemia/Reperfusion Injury Through the Phosphatidylinositol 3-Kinase/Akt-Dependent Pathway. <i>Circulation</i> , 2004, 109, 242-248.	1.6	154
40	Production of knockout mice by random or targeted mutagenesis in spermatogonial stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8018-8023.	7.1	151
41	Thioredoxin as a biomarker for oxidative stress in patients with rheumatoid arthritis. <i>Molecular Immunology</i> , 2002, 38, 765-772.	2.2	145
42	Persistent oxidative stress in human colorectal carcinoma, but not in adenoma. <i>Free Radical Biology and Medicine</i> , 1999, 27, 401-410.	2.9	141
43	Characterization of Epitopes Recognized by 4-Hydroxy-2-nonenal Specific Antibodies. <i>Archives of Biochemistry and Biophysics</i> , 1995, 324, 241-248.	3.0	139
44	Molecular mechanisms of oxidative stress-induced carcinogenesis: From epidemiology to oxygenomics. <i>IUBMB Life</i> , 2008, 60, 441-447.	3.4	136
45	Genetic Reconstruction of Mouse Spermatogonial Stem Cell Self-Renewal In Vitro by Ras-Cyclin D2 Activation. <i>Cell Stem Cell</i> , 2009, 5, 76-86.	11.1	126
46	miR-375 Is Activated by ASH1 and Inhibits YAP1 in a Lineage-Dependent Manner in Lung Cancer. <i>Cancer Research</i> , 2011, 71, 6165-6173.	0.9	124
47	Protein Modification by Lipid Peroxidation Products: Formation of Malondialdehyde-Derived N ϵ -(2-Propenal)lysine in Proteins. <i>Archives of Biochemistry and Biophysics</i> , 1997, 346, 45-52.	3.0	123
48	Spermatogenesis from epiblast and primordial germ cells following transplantation into postnatal mouse testis. <i>Development (Cambridge)</i> , 2005, 132, 117-122.	2.5	119
49	Ex vivo whole-embryo culture of caspase-8-deficient embryos normalize their aberrant phenotypes in the developing neural tube and heart. <i>Cell Death and Differentiation</i> , 2002, 9, 1196-1206.	11.2	113
50	Neuroprotection by Hyperbaric Oxygenation After Experimental Focal Cerebral Ischemia Monitored by MRI. <i>Stroke</i> , 2004, 35, 1175-1179.	2.0	111
51	Redox cycling metals: Pedaling their roles in metabolism and their use in the development of novel therapeutics. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 727-748.	4.1	111
52	Antioxidant α -tocopherol ameliorates glycemic control of GK rats, a model of type 2 diabetes. <i>FEBS Letters</i> , 2000, 473, 24-26.	2.8	110
53	Allogeneic Offspring Produced by Male Germ Line Stem Cell Transplantation into Infertile Mouse Testis1. <i>Biology of Reproduction</i> , 2003, 68, 167-173.	2.7	109
54	Association of miR-34a overexpression with proliferation is cell type-dependent. <i>Cancer Science</i> , 2007, 98, 1845-1852.	3.9	109

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55	Mechanisms of asbestos-induced carcinogenesis. Nagoya Journal of Medical Science, 2009, 71, 1-10.	0.3	109
56	High incidence of allelic loss on chromosome 5 and inactivation of p15INK4B and p16INK4A tumor suppressor genes in oxystress-induced renal cell carcinoma of rats. Oncogene, 1999, 18, 3793-3797.	5.9	107
57	Genotoxicity and carcinogenicity risk of carbon nanotubes. Advanced Drug Delivery Reviews, 2013, 65, 2098-2110.	13.7	103
58	Novel Intraperitoneal Treatment With Non-Thermal Plasma-Activated Medium Inhibits Metastatic Potential of Ovarian Cancer Cells. Scientific Reports, 2017, 7, 6085.	3.3	102
59	A novel mechanism for imatinib mesylate-induced cell death of BCR-ABL-positive human leukemic cells: caspase-independent, necrosis-like programmed cell death mediated by serine protease activity. Blood, 2004, 103, 2299-2307.	1.4	100
60	Genetic Selection of Mouse Male Germline Stem Cells In Vitro: Offspring from Single Stem Cells. Biology of Reproduction, 2005, 72, 236-240.	2.7	100
61	Endogenous Formation of Protein Adducts with Carcinogenic Aldehydes. Journal of Biological Chemistry, 2001, 276, 23903-23913.	3.4	98
62	Carbonic anhydrase 9 confers resistance to ferroptosis/apoptosis in malignant mesothelioma under hypoxia. Redox Biology, 2019, 26, 101297.	9.0	97
63	Serum 4-Hydroxy-2-Nonenal-Modified Albumin Is Elevated in Patients with Type 2 Diabetes Mellitus. Antioxidants and Redox Signaling, 2000, 2, 681-685.	5.4	93
64	Functional Assessment of Self-Renewal Activity of Male Germline Stem Cells Following Cytotoxic Damage and Serial Transplantation. Biology of Reproduction, 2003, 68, 1801-1807.	2.7	93
65	Biopersistent fiber-induced inflammation and carcinogenesis: Lessons learned from asbestos toward safety of fibrous nanomaterials. Archives of Biochemistry and Biophysics, 2010, 502, 1-7.	3.0	93
66	Plasma Medical Science for Cancer Therapy: Toward Cancer Therapy Using Nonthermal Atmospheric Pressure Plasma. IEEE Transactions on Plasma Science, 2014, 42, 3760-3764.	1.3	91
67	Successful interferon therapy reverses enhanced hepatic iron accumulation and lipid peroxidation in chronic hepatitis C. American Journal of Gastroenterology, 2000, 95, 1041-1050.	0.4	90
68	Novel Aspects of Oxidative Stress-Associated Carcinogenesis. Antioxidants and Redox Signaling, 2006, 8, 1373-1377.	5.4	90
69	The origin and future of oxidative stress pathology: From the recognition of carcinogenesis as an iron addiction with ferroptosis-resistance to non-thermal plasma therapy. Pathology International, 2016, 66, 245-259.	1.3	90
70	State of the art in medical applications using non-thermal atmospheric pressure plasma. Reviews of Modern Plasma Physics, 2017, 1, 1.	4.1	90
71	Iron-mediated DNA damage: Sensitive detection of DNA strand breakage catalyzed by iron. Journal of Inorganic Biochemistry, 1992, 47, 241-248.	3.5	89
72	Fenton Reaction Induced Cancer in Wild Type Rats Recapitulates Genomic Alterations Observed in Human Cancer. PLoS ONE, 2012, 7, e43403.	2.5	89

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73	Iron overload signature in chrysotile-induced malignant mesothelioma. <i>Journal of Pathology</i> , 2012, 228, 366-377.	4.5	88
74	Two distinct mechanisms for loss of thioredoxin-binding protein-2 in oxidative stress-induced renal carcinogenesis. <i>Laboratory Investigation</i> , 2005, 85, 798-807.	3.7	87
75	CD8+CD122+ Regulatory T Cells (Tregs) and CD4+ Tregs Cooperatively Prevent and Cure CD4+ Cell-Induced Colitis. <i>Journal of Immunology</i> , 2011, 186, 41-52.	0.8	86
76	Treatment of wistar rats with a renal carcinogen, ferric nitrilotriacetate, causes dna-protein cross-linking between thymine and tyrosine in their renal chromatin. <i>International Journal of Cancer</i> , 1995, 62, 309-313.	5.1	85
77	Overexpression of humanmutT homologue gene messenger RNA in renal-cell carcinoma: Evidence of persistent oxidative stress in cancer. , 1996, 65, 437-441.		85
78	Helicobacter pylori eradication attenuates oxidative stress in human gastric mucosa. <i>American Journal of Gastroenterology</i> , 2001, 96, 1758-1766.	0.4	85
79	Ferroptosis at the crossroads of infection, aging and cancer. <i>Cancer Science</i> , 2020, 111, 2665-2671.	3.9	84
80	DNA single- and double-strand breaks produced by ferric nitrilotriacetate in relation to renal tubular carcinogenesis. <i>Carcinogenesis</i> , 1993, 14, 223-227.	2.8	83
81	Oxygen reduction and lipid peroxidation by iron chelates with special reference to ferric nitrilotriacetate. <i>Archives of Biochemistry and Biophysics</i> , 1989, 272, 10-17.	3.0	82
82	Redox regulation of annexin 2 and its implications for oxidative stress-induced renal carcinogenesis and metastasis. <i>Oncogene</i> , 2004, 23, 3980-3989.	5.9	82
83	Association between 8-hydroxy-2'-deoxyguanosine formation and DNA strand breaks mediated by copper and iron. <i>Free Radical Biology and Medicine</i> , 1996, 20, 859-864.	2.9	81
84	Hepatocyte Nuclear Factor-1 \hat{A} Recruits the Transcriptional Co-Activator p300 on the GLUT2 Gene Promoter. <i>Diabetes</i> , 2002, 51, 1409-1418.	0.6	81
85	Transgenic Mice Produced by Retroviral Transduction of Male Germ Line Stem Cells In Vivo1. <i>Biology of Reproduction</i> , 2004, 71, 1202-1207.	2.7	81
86	Induction of a Wide Range of C2 \hat{A} Aldehydes and C7 \hat{A} Acylolins in the Kidney of Wistar Rats After Treatment With a Renal Carcinogen, Ferric Nitrilotriacetate. <i>Free Radical Biology and Medicine</i> , 1997, 22, 1019-1027.	2.9	80
87	Iron addiction with ferroptosis-resistance in asbestos-induced mesothelial carcinogenesis: Toward the era of mesothelioma prevention. <i>Free Radical Biology and Medicine</i> , 2019, 133, 206-215.	2.9	80
88	A 1-Hour Enzyme-Linked Immunosorbent Assay for Quantitation of Acrolein- and Hydroxynonenal-Modified Proteins by Epitope-Bound Casein Matrix Method. <i>Analytical Biochemistry</i> , 1999, 270, 323-328.	2.4	78
89	Differences and similarities between carbon nanotubes and asbestos fibers during mesothelial carcinogenesis: Shedding light on fiber entry mechanism. <i>Cancer Science</i> , 2012, 103, 1378-1390.	3.9	78
90	Malignant mesothelioma as an oxidative stress-induced cancer: An update. <i>Free Radical Biology and Medicine</i> , 2015, 86, 166-178.	2.9	77

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91	Non-thermal plasma induces a stress response in mesothelioma cells resulting in increased endocytosis, lysosome biogenesis and autophagy. <i>Free Radical Biology and Medicine</i> , 2017, 108, 904-917.	2.9	77
92	Structural Basis of Protein-bound Endogenous Aldehydes. <i>Journal of Biological Chemistry</i> , 2003, 278, 5044-5051.	3.4	76
93	Activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Induces Apoptosis in Cultured Neonatal Rat Cardiac Myocytes. <i>Circulation</i> , 2001, 104, 2948-2954.	1.6	74
94	Napsin A is a specific marker for ovarian clear cell adenocarcinoma. <i>Modern Pathology</i> , 2015, 28, 111-117.	5.5	74
95	Oxidative stress and cancer: the role of redox regulation. , 1998, 11, 147-154.		73
96	Abnormal DNA Methyltransferase Expression in Mouse Germline Stem Cells Results in Spermatogenic Defects1. <i>Biology of Reproduction</i> , 2009, 81, 155-164.	2.7	72
97	Asbestos surface provides a niche for oxidative modification. <i>Cancer Science</i> , 2011, 102, 2118-2125.	3.9	72
98	Radiation-induced kidney injury: a role for chronic oxidative stress?. <i>Micron</i> , 2002, 33, 133-141.	2.2	71
99	Overexpression of Inducible Cyclic AMP Early Repressor Inhibits Transactivation of Genes and Cell Proliferation in Pancreatic β^2 Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 2831-2841.	2.3	71
100	Adenovirus-mediated gene delivery and in vitro microinsemination produce offspring from infertile male mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1383-1388.	7.1	70
101	Role of phenobarbital-inducible cytochrome P450s as a source of active oxygen species in DNA-oxidation. <i>Cancer Letters</i> , 2004, 203, 117-125.	7.2	69
102	Leukemia Inhibitory Factor Enhances Formation of Germ Cell Colonies in Neonatal Mouse Testis Culture1. <i>Biology of Reproduction</i> , 2007, 76, 55-62.	2.7	69
103	Met Is the Most Frequently Amplified Gene in Endometriosis-Associated Ovarian Clear Cell Adenocarcinoma and Correlates with Worsened Prognosis. <i>PLoS ONE</i> , 2013, 8, e57724.	2.5	68
104	Analysis of Rat Insulin II Promoter-Ghrelin Transgenic Mice and Rat Glucagon Promoter-Ghrelin Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 15247-15256.	3.4	67
105	Low Incidence of Point Mutations in H-, K- and N-rasOncogenes andp53Tumor Suppressor Gene in Renal Cell Carcinoma and Peritoneal Mesothelioma of Wistar Rats Induced by Ferric Nitriolotriacetate. <i>Japanese Journal of Cancer Research</i> , 1995, 86, 1150-1158.	1.7	65
106	Characteristics and modifying factors of asbestos-induced oxidative DNA damage. <i>Cancer Science</i> , 2008, 99, 2142-2151.	3.9	65
107	Genome-wide Profiling of 8-Oxoguanine Reveals Its Association with Spatial Positioning in Nucleus. <i>DNA Research</i> , 2014, 21, 603-612.	3.4	65
108	Expression of Stress-Response and Cell Proliferation Genes in Renal Cell Carcinoma Induced by Oxidative Stress. <i>American Journal of Pathology</i> , 2000, 156, 2149-2157.	3.8	64

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109	The Human Cytomegalovirus Gene Products Essential for Late Viral Gene Expression Assemble into Prereplication Complexes before Viral DNA Replication. <i>Journal of Virology</i> , 2011, 85, 6629-6644.	3.4	64
110	Specific Allelic Loss of p16 Tumor Suppressor Gene after Weeks of Iron-Mediated Oxidative Damage during Rat Renal Carcinogenesis. <i>American Journal of Pathology</i> , 2002, 160, 419-424.	3.8	63
111	The emerging role of progesterone receptor membrane component 1 (PGRMC1) in cancer biology. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 339-349.	7.4	63
112	ITPase-deficient mice show growth retardation and die before weaning. <i>Cell Death and Differentiation</i> , 2009, 16, 1315-1322.	11.2	62
113	The circadian clock gene <i>BMAL1</i> is a novel therapeutic target for malignant pleural mesothelioma. <i>International Journal of Cancer</i> , 2012, 131, 2820-2831.	5.1	62
114	Expression of chromobox homolog 7 (CBX7) is associated with poor prognosis in ovarian clear cell adenocarcinoma via TRAIL-induced apoptotic pathway regulation. <i>International Journal of Cancer</i> , 2014, 135, 308-318.	5.1	62
115	Effects of geranyl-geranyl-acetone administration before heat shock preconditioning for conferring tolerance against ischemia-reperfusion injury in rat livers. <i>Translational Research</i> , 2000, 135, 465-475.	2.3	61
116	Formation of Acrolein-derived 2-Deoxyadenosine Adduct in an Iron-induced Carcinogenesis Model. <i>Journal of Biological Chemistry</i> , 2003, 278, 50346-50354.	3.4	61
117	Lipid Peroxidation Generates Body Odor Component trans-2-Nonenal Covalently Bound to Protein in Vivo. <i>Journal of Biological Chemistry</i> , 2010, 285, 15302-15313.	3.4	60
118	Involvement of Nitric Oxide in Survival of Random Pattern Skin Flap. <i>Plastic and Reconstructive Surgery</i> , 1998, 101, 785-792.	1.4	59
119	Heat Shock Preconditioning Ameliorates Liver Injury Following Normothermic Ischemia-Reperfusion in Steatotic Rat Livers. <i>Journal of Surgical Research</i> , 1998, 79, 47-53.	1.6	58
120	Adenovirus-mediated gene delivery into mouse spermatogonial stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2596-2601.	7.1	58
121	Homozygous deletion of CDKN2A/2B is a hallmark of iron-induced high-grade rat mesothelioma. <i>Laboratory Investigation</i> , 2010, 90, 360-373.	3.7	58
122	Direct exposure of non-equilibrium atmospheric pressure plasma confers simultaneous oxidative and ultraviolet modifications in biomolecules. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 207-215.	1.4	58
123	The Bcr-Abl kinase inhibitor INNO-406 induces autophagy and different modes of cell death execution in Bcr-Abl-positive leukemias. <i>Cell Death and Differentiation</i> , 2008, 15, 1712-1722.	11.2	57
124	CD63 is regulated by iron via the IRE-IRP system and is important for ferritin secretion by extracellular vesicles. <i>Blood</i> , 2021, 138, 1490-1503.	1.4	57
125	Oxidative DNA damage in cultured cells and rat lungs by carcinogenic nickel compounds. <i>Free Radical Biology and Medicine</i> , 2001, 31, 108-116.	2.9	56
126	Cancer therapy using non-thermal atmospheric pressure plasma with ultra-high electron density. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	56

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127	Oxidative stress as an iceberg in carcinogenesis and cancer biology. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 46-49.	3.0	56
128	Plasma with high electron density and plasma-activated medium for cancer treatment. <i>Clinical Plasma Medicine</i> , 2015, 3, 72-76.	3.2	55
129	Lysosomal nitric oxide determines transition from autophagy to ferroptosis after exposure to plasma-activated Ringer's lactate. <i>Redox Biology</i> , 2021, 43, 101989.	9.0	55
130	Effects of the Phenolic Contents of Mauritian Endemic Plant Extracts on Promoter Activities of Antioxidant Enzymes. <i>Free Radical Research</i> , 2003, 37, 1215-1224.	3.3	54
131	Oxidative Stress Response in Iron-Induced Acute Nephrotoxicity: Enhanced Expression of Heat Shock Protein 90. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 76-81.	2.1	52
132	The iron chaperone poly(rC)-binding protein 2 forms a metabolon with the heme oxygenase 1/cytochrome P450 reductase complex for heme catabolism and iron transfer. <i>Journal of Biological Chemistry</i> , 2017, 292, 13205-13229.	3.4	52
133	Localization of hydroxynonenal protein adducts in normal human kidney and selected human kidney cancers. <i>Free Radical Biology and Medicine</i> , 1999, 27, 695-703.	2.9	51
134	Histological detection of catalytic ferrous iron with the selective turn-on fluorescent probe RhoNox-1 in a Fenton reaction-based rat renal carcinogenesis model. <i>Free Radical Research</i> , 2014, 48, 990-995.	3.3	51
135	Novel ovarian endometriosis model causes infertility via iron-mediated oxidative stress in mice. <i>Redox Biology</i> , 2020, 37, 101726.	9.0	51
136	Increased susceptibility of chronic ulcerative colitis-induced carcinoma development in DNA repair enzyme <i>Ogg1</i> deficient mice. <i>Molecular Carcinogenesis</i> , 2008, 47, 638-646.	2.7	50
137	Ferroptosis-dependent extracellular vesicles from macrophage contribute to asbestos-induced mesothelial carcinogenesis through loading ferritin. <i>Redox Biology</i> , 2021, 47, 102174.	9.0	50
138	Iron as a target of chemoprevention for longevity in humans. <i>Free Radical Research</i> , 2011, 45, 906-917.	3.3	49
139	Iron and thiols as two major players in carcinogenesis: friends or foes?. <i>Frontiers in Pharmacology</i> , 2014, 5, 200.	3.5	49
140	Upregulation of thioredoxin (TRX) expression in giant cell myocarditis in rats. <i>FEBS Letters</i> , 2000, 472, 109-113.	2.8	48
141	Protective Effect of Colored Rice over White Rice on Fenton Reaction-based Renal Lipid Peroxidation in Rats. <i>Free Radical Research</i> , 2002, 36, 583-592.	3.3	48
142	Oxidative stress-dependent and -independent death of glioblastoma cells induced by non-thermal plasma-exposed solutions. <i>Scientific Reports</i> , 2019, 9, 13657.	3.3	48
143	Prevention by 2-Mercaptoethane Sulfonate and N-Acetylcysteine of Renal Oxidative Damage in Rats Treated with Ferric Nitrilotriacetate. <i>Japanese Journal of Cancer Research</i> , 1996, 87, 882-886.	1.7	47
144	Chronic Oxidative Stress Causes Amplification and Overexpression of ptpnz1 Protein Tyrosine Phosphatase to Activate β^2 -Catenin Pathway. <i>American Journal of Pathology</i> , 2007, 171, 1978-1988.	3.8	47

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145	Intraperitoneal administration of tangled multiwalled carbon nanotubes of 15â€‰nm in diameter does not induce mesothelial carcinogenesis in rats. <i>Pathology International</i> , 2013, 63, 457-462.	1.3	47
146	Lack of presence of the human cytomegalovirus in human glioblastoma. <i>Modern Pathology</i> , 2014, 27, 922-929.	5.5	47
147	Contrasting Genome-Wide Distribution of 8-Hydroxyguanine and Acrolein-Modified Adenine during Oxidative Stress-Induced Renal Carcinogenesis. <i>American Journal of Pathology</i> , 2006, 169, 1328-1342.	3.8	45
148	Generation of insulin-secreting cells from pancreatic acinar cells of animal models of type 1 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E158-E165.	3.5	45
149	Involvement of death receptor Fas in germ cell degeneration in gonads of Kit-deficient Wv/Wv mutant mice. <i>Cell Death and Differentiation</i> , 2003, 10, 676-686.	11.2	44
150	Anchorage-Independent Growth of Mouse Male Germline Stem Cells In Vitro1. <i>Biology of Reproduction</i> , 2006, 74, 522-529.	2.7	44
151	Increase in Oxidative Stress in Kidneys of Diabetic Akita Mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 869-872.	1.3	43
152	Mysterious link between iron overload and CDKN2A/2B. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 48, 46-49.	1.4	43
153	Future perspective of strategic non-thermal plasma therapy for cancer treatment. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 60, 33-38.	1.4	43
154	Molecular mechanisms of non-thermal plasma-induced effects in cancer cells. <i>Biological Chemistry</i> , 2018, 400, 87-91.	2.5	43
155	Detection of lipofuscin-like fluorophore in oxidized human low-density lipoprotein. <i>FEBS Letters</i> , 2000, 473, 249-253.	2.8	42
156	Establishment of a Diabetic Mouse Model with Progressive Diabetic Nephropathy. <i>American Journal of Pathology</i> , 2005, 167, 327-336.	3.8	42
157	Plasma-activated medium promotes autophagic cell death along with alteration of the mTOR pathway. <i>Scientific Reports</i> , 2020, 10, 1614.	3.3	42
158	Angiotensin II, oxidative stress, and extracellular matrix degradation during transition to LV failure in rats with hypertension. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 989-997.	1.9	41
159	Neuroprotective potential of molecular hydrogen against perinatal brain injury via suppression of activated microglia. <i>Free Radical Biology and Medicine</i> , 2016, 91, 154-163.	2.9	41
160	Cytoprotective Effects of Nitroglycerin in Ischemiaâ€“Reperfusion-Induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 935-943.	5.6	40
161	Production of knockout mice by gene targeting in multipotent germline stem cells. <i>Developmental Biology</i> , 2007, 312, 344-352.	2.0	40
162	Ovarian endometriosis-associated stromal cells reveal persistently high affinity for iron. <i>Redox Biology</i> , 2015, 6, 578-586.	9.0	40

#	ARTICLE	IF	CITATIONS
163	Non-thermal plasma as a simple ferroptosis inducer in cancer cells: A possible role of ferritin. <i>Pathology International</i> , 2018, 68, 442-443.	1.3	40
164	Embryonal erythropoiesis and aging exploit ferroptosis. <i>Redox Biology</i> , 2021, 48, 102175.	9.0	40
165	Susceptibility of actin to modification by 4-hydroxy-2-nonenal. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 119-126.	2.3	39
166	Ovarian mucinous tumors arising from mature cystic teratomas—a molecular genetic approach for understanding the cellular origin. <i>Human Pathology</i> , 2014, 45, 717-724.	2.0	39
167	Protection by β -G-Rutin, a Water-soluble Antioxidant Flavonoid, against Renal Damage in Mice Treated with Ferric Nitrilotriacetate. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 453-460.	1.7	38
168	Enhanced Hepatic Lipid Peroxidation in Patients With Primary Biliary Cirrhosis. <i>American Journal of Gastroenterology</i> , 2000, 95, 3596-3601.	0.4	38
169	Pathological investigation of oxidative stress in the post-genomic era. <i>Pathology International</i> , 2007, 57, 461-473.	1.3	38
170	Iron overload as a major targetable pathogenesis of asbestos-induced mesothelial carcinogenesis. <i>Redox Report</i> , 2014, 19, 1-7.	4.5	38
171	Contrasting intra- and extracellular distribution of catalytic ferrous iron in ovalbumin-induced peritonitis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 600-606.	2.1	38
172	Non-thermal plasma specifically kills oral squamous cell carcinoma cells in a catalytic Fe(II)-dependent manner. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 65, 8-15.	1.4	38
173	Pericentromeric noncoding RNA changes DNA binding of CTCF and inflammatory gene expression in senescence and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	38
174	Intranuclear Distribution of 8-hydroxy-2'-deoxyguanosine: An Immunocytochemical Study. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 833-835.	2.5	37
175	Visualization and characterization of UVB-induced reactive oxygen species in a human skin equivalent model. <i>Archives of Dermatological Research</i> , 2008, 300, 51-56.	1.9	37
176	Thiobarbituric acid-reactive substance formation of rat kidney brush border membrane vesicles induced by ferric nitrilotriacetate. <i>Archives of Biochemistry and Biophysics</i> , 1989, 274, 348-354.	3.0	36
177	Induction of oxidative single- and double-strand breaks in DNA by ferric citrate. <i>Free Radical Biology and Medicine</i> , 1993, 15, 117-123.	2.9	36
178	Genome-wide analysis identifies a tumor suppressor role for aminoacylase 1 in iron-induced rat renal cell carcinoma. <i>Carcinogenesis</i> , 2009, 30, 158-164.	2.8	36
179	Deferasirox Induces Mesenchymal-Epithelial Transition in Crocidolite-Induced Mesothelial Carcinogenesis in Rats. <i>Cancer Prevention Research</i> , 2013, 6, 1222-1230.	1.5	36
180	Role of hemoglobin and transferrin in multi-wall carbon nanotube-induced mesothelial injury and carcinogenesis. <i>Cancer Science</i> , 2016, 107, 250-257.	3.9	36

#	ARTICLE	IF	CITATIONS
181	CD153/CD30 signaling promotes age-dependent tertiary lymphoid tissue expansion and kidney injury. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	36
182	CYP3A induction aggravates endotoxemic liver injury via reactive oxygen species in male rats. <i>Free Radical Biology and Medicine</i> , 2004, 37, 703-712.	2.9	35
183	Connective tissue growth factor-specific monoclonal antibody inhibits growth of malignant mesothelioma in an orthotopic mouse model. <i>Oncotarget</i> , 2018, 9, 18494-18509.	1.8	35
184	New Hopes for Plasma-Based Cancer Treatment. <i>Plasma</i> , 2018, 1, 150-155.	1.8	35
185	Intermittent microwave irradiation facilitates antigen-antibody reaction in Western blot analysis. <i>Pathology International</i> , 2003, 53, 259-261.	1.3	34
186	Evidence for oxidative stress in NSAID-induced colitis in IL10 ^{-/-} mice. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1153-1166.	2.9	34
187	The new role of poly (rC)-binding proteins as iron transport chaperones: Proteins that could couple with inter-organelle interactions to safely traffic iron. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129685.	2.4	34
188	Connective tissue growth factor and catenin constitute an autocrine loop for activation in rat sarcomatoid mesothelioma. <i>Journal of Pathology</i> , 2014, 233, 402-414.	4.5	33
189	Variable susceptibility of ovarian cancer cells to non-thermal plasma-activated medium. <i>Oncology Reports</i> , 2016, 35, 3169-3177.	2.6	33
190	Non-thermal plasma-activated medium modified metabolomic profiles in the glycolysis of U251SP glioblastoma. <i>Archives of Biochemistry and Biophysics</i> , 2019, 662, 83-92.	3.0	33
191	Comparison between high-performance liquid chromatography and enzyme-linked immunosorbent assay for the determination of 8-hydroxy-2'-deoxyguanosine in human urine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002, 11, 767-70.	2.5	33
192	Formation of 8-Hydroxy-2-Deoxyguanosine and 4-Hydroxy-2-Nonenal-Modified Proteins in Rat Liver after Ischemia-Reperfusion: Distinct Localization of the Two Oxidatively Modified Products. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 127-136.	5.4	32
193	Iron-induced oxidative damage in colon carcinoma (caco-2) cells. <i>Free Radical Research</i> , 2001, 34, 57-68.	3.3	32
194	The ferroimmunomodulatory role of ectopic endometriotic stromal cells in ovarian endometriosis. <i>Fertility and Sterility</i> , 2012, 98, 415-422.e12.	1.0	32
195	Dexamethasone Palmitate Ameliorates Macrophages-Rich Graft-versus-Host Disease by Inhibiting Macrophage Functions. <i>PLoS ONE</i> , 2014, 9, e96252.	2.5	32
196	Immunohistochemical Detection of 4-Hydroxy-2-Nonenal-Modified Protein Adducts in Human Alcoholic Liver Diseases. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 145S-149S.	2.4	31
197	Dietary Fish Oil Promotes Colonic Apoptosis and Mitochondrial Proton Leak in Oxidatively Stressed Mice. <i>Cancer Prevention Research</i> , 2011, 4, 1267-1274.	1.5	31
198	Immunohistochemical Detection of 4-Hydroxy-2-nonenal-Modified-Protein Adducts in Human Alcoholic Liver Diseases. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 145.	2.4	31

#	ARTICLE	IF	CITATIONS
199	Asbestos and multi-walled carbon nanotubes generate distinct oxidative responses in inflammatory cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 111-117.	1.4	31
200	Asbestos conceives Fe(II)-dependent mutagenic stromal milieu through ceaseless macrophage ferroptosis and β -catenin induction in mesothelium. <i>Redox Biology</i> , 2020, 36, 101616.	9.0	30
201	What has been Learned from the Studies of Oxidative Stress-induced Carcinogenesis: Proposal of the Concept of Oxygenomics. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2006, 39, 3-10.	1.4	29
202	Potent Antioxidative Activity of Vineatrol [®] 30 Grapevine-shoot Extract. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 1831-1836.	1.3	29
203	Maternal molecular hydrogen administration ameliorates rat fetal hippocampal damage caused by in utero ischemia-reperfusion. <i>Free Radical Biology and Medicine</i> , 2014, 69, 324-330.	2.9	29
204	Multispecificity of Immunoglobulin M Antibodies Raised against Advanced Glycation End Products. <i>Journal of Biological Chemistry</i> , 2013, 288, 13204-13214.	3.4	27
205	Copper and iron-induced oxidative damage in non-tumor bearing LEC rats. <i>Pathology International</i> , 1997, 47, 203-208.	1.3	26
206	<i>Helicobacter felis</i> -induced gastritis was suppressed in mice overexpressing thioredoxin-1. <i>Laboratory Investigation</i> , 2005, 85, 1104-1117.	3.7	26
207	FasL Expression in Hepatic Antigen-Presenting Cells and Phagocytosis of Apoptotic T Cells by FasL+ Kupffer Cells Are Indicators of Rejection Activity in Human Liver Allografts. <i>American Journal of Pathology</i> , 2007, 171, 1499-1508.	3.8	25
208	Protein N-Acylation: H ₂ O ₂ -Mediated Covalent Modification of Protein by Lipid Peroxidation-Derived Saturated Aldehydes. <i>Chemical Research in Toxicology</i> , 2008, 21, 1261-1270.	3.3	25
209	Molecular hydrogen ameliorates several characteristics of preeclampsia in the Reduced Uterine Perfusion Pressure (RUPP) rat model. <i>Free Radical Biology and Medicine</i> , 2016, 101, 524-533.	2.9	25
210	Phlebotomy as a preventive measure for crocidolite-induced mesothelioma in male rats. <i>Cancer Science</i> , 2018, 109, 330-339.	3.9	25
211	Heat-shock preconditioning reduces oxidative protein denaturation and ameliorates liver injury by carbon tetrachloride in rats. <i>Research in Experimental Medicine</i> , 1999, 199, 309-318.	0.7	24
212	Biphasic effects of l-ascorbate on the tumoricidal activity of non-thermal plasma against malignant mesothelioma cells. <i>Archives of Biochemistry and Biophysics</i> , 2016, 605, 109-116.	3.0	24
213	Endogenous YAP1 activation drives immediate onset of cervical carcinoma in situ in mice. <i>Cancer Science</i> , 2020, 111, 3576-3587.	3.9	24
214	Development of High-grade Renal Cell Carcinomas in Rats Independently of Somatic Mutations in the Tsc2 and VHL Tumor Suppressor Genes. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 814-820.	1.7	23
215	Preclinical Verification of the Efficacy and Safety of Aqueous Plasma for Ovarian Cancer Therapy. <i>Cancers</i> , 2021, 13, 1141.	3.7	23
216	Overexpression of Integrin-associated Protein (CD47) in Rat Kidney Treated with a Renal Carcinogen, Ferric Nitrite. <i>Japanese Journal of Cancer Research</i> , 1997, 88, 120-128.	1.7	22

#	ARTICLE	IF	CITATIONS
217	Regulation of Mouse Spermatogonial Stem Cell Self-Renewing Division by the Pituitary Gland1. <i>Biology of Reproduction</i> , 2004, 70, 1731-1737.	2.7	22
218	Reduction of diabetes-induced renal oxidative stress by a cantaloupe melon extract/gliadin biopolymers, oxykine, in mice. <i>BioFactors</i> , 2005, 23, 85-95.	5.4	22
219	Carcinogenesis as Side Effects of Iron and Oxygen Utilization: From the Unveiled Truth toward Ultimate Bioengineering. <i>Cancers</i> , 2020, 12, 3320.	3.7	22
220	Proapoptotic Effects of Dietary (n-3) Fatty Acids Are Enhanced in Colonocytes of Manganese-Dependent Superoxide Dismutase Knockout Mice. <i>Journal of Nutrition</i> , 2009, 139, 1328-1332.	2.9	21
221	3â€Morpholinosydnonimine participates in the attenuation of neointima formation via inhibition of annexin A2â€mediated vascular smooth muscle cell migration. <i>Proteomics</i> , 2011, 11, 193-201.	2.2	21
222	Maternal molecular hydrogen treatment attenuates lipopolysaccharide-induced rat fetal lung injury. <i>Free Radical Research</i> , 2015, 49, 1026-1037.	3.3	21
223	Deletion and single nucleotide substitution at G:C in the kidney of gpt delta transgenic mice after ferric nitrilotriacetate treatment. <i>Cancer Science</i> , 2006, 97, 1159-1167.	3.9	20
224	Molecular hydrogen suppresses activated Wnt/ β -catenin signaling. <i>Scientific Reports</i> , 2016, 6, 31986.	3.3	20
225	Non-thermal plasmaâ€activated lactate solution kills U251SP glioblastoma cells in an innate reductive manner with altered metabolism. <i>Archives of Biochemistry and Biophysics</i> , 2020, 688, 108414.	3.0	20
226	Low temperature plasma irradiation products of sodium lactate solution that induce cell death on U251SP glioblastoma cells were identified. <i>Scientific Reports</i> , 2021, 11, 18488.	3.3	20
227	Connective tissue growth factor produced by cancerâ€associated fibroblasts correlates with poor prognosis in epithelioid malignant pleural mesothelioma. <i>Oncology Reports</i> , 2020, 44, 838-848.	2.6	20
228	Transcriptional control of fetal liver hematopoiesis: dominant negative effect of the overexpression of the LIM domain mutants of LMO2. <i>Experimental Hematology</i> , 2005, 33, 641-651.	0.4	19
229	Bovine lactoferrin ameliorates ferric nitrilotriacetate-induced renal oxidative damage in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 84-90.	1.4	19
230	Genome-wide assessment of oxidatively generated DNA damage. <i>Free Radical Research</i> , 2012, 46, 523-530.	3.3	19
231	Catalytic ferrous iron in amniotic fluid as a predictive marker of human maternal-fetal disorders. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 57-63.	1.4	19
232	Possible therapeutic option of aqueous plasma for refractory ovarian cancer. <i>Clinical Plasma Medicine</i> , 2016, 4, 14-18.	3.2	19
233	Primary extraskeletal osteosarcoma: a clinicopathological study of 18 cases focusing on MDM2 amplification status. <i>Human Pathology</i> , 2017, 63, 63-69.	2.0	19
234	Oxidative Stress Response in Iron-Induced Renal Carcinogenesis: Acute Nephrotoxicity Mediates the Enhanced Expression of GlutathioneS-Transferase Yp Isozyme. <i>Archives of Biochemistry and Biophysics</i> , 1996, 329, 39-46.	3.0	18

#	ARTICLE	IF	CITATIONS
235	Inhibitory effect of a novel water-soluble vitamin E derivative on atherosclerosis in rabbits. <i>Atherosclerosis</i> , 2002, 162, 111-117.	0.8	18
236	Peroxynitrite-mediated stress is associated with proliferation of human metastatic colorectal carcinoma in the liver. <i>Cancer Letters</i> , 2002, 179, 87-93.	7.2	18
237	Effect of edaravone, a novel free radical scavenger, supplemented to cardioplegia on myocardial function after cardioplegic arrest: in vitro study of isolated rat heart. <i>Heart and Vessels</i> , 2009, 24, 228-235.	1.2	18
238	Rheostatic CD44 isoform expression and its association with oxidative stress in human malignant mesothelioma. <i>Free Radical Biology and Medicine</i> , 2017, 106, 91-99.	2.9	18
239	Administration of molecular hydrogen during pregnancy improves behavioral abnormalities of offspring in a maternal immune activation model. <i>Scientific Reports</i> , 2018, 8, 9221.	3.3	18
240	A Processed Grain Food Inhibits Hepatic Injury in Endotoxemic Rats.. <i>Journal of Nutritional Science and Vitaminology</i> , 1998, 44, 547-559.	0.6	17
241	Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. <i>American Journal of Pathology</i> , 2010, 177, 677-685.	3.8	17
242	XCR1 Expression and Biased VH Gene Usage Are Distinct Features of Diffuse Large B-Cell Lymphoma Initially Manifesting in the Bone Marrow. <i>American Journal of Clinical Pathology</i> , 2011, 135, 556-564.	0.7	17
243	CD146 and insulin-like growth factor 2 mRNA binding protein 3 predict prognosis of asbestos-induced rat mesothelioma. <i>Cancer Science</i> , 2013, 104, 989-995.	3.9	17
244	Metamorphosis of mesothelial cells with active horizontal motility in tissue culture. <i>Scientific Reports</i> , 2013, 3, 1144.	3.3	17
245	Cancer-promoting role of adipocytes in asbestos-induced mesothelial carcinogenesis through dysregulated adipocytokine production. <i>Carcinogenesis</i> , 2014, 35, 164-172.	2.8	17
246	Adjusted multiple gases in the plasma flow induce differential antitumor potentials of plasma-activated solutions. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900259.	3.0	17
247	Rat model demonstrates a high risk of tremolite but a low risk of anthophyllite for mesothelial carcinogenesis. <i>Nagoya Journal of Medical Science</i> , 2014, 76, 149-60.	0.3	17
248	Heat Shock Preconditioning Reduces the Formation of 8-hydroxy-2'-deoxyguanosine and 4-hydroxy-2-nonenal Modified Proteins in Ischemia-reperfused Liver of Rats. <i>Free Radical Research</i> , 2002, 36, 169-176.	3.3	16
249	Prevention of myocardial reperfusion injury by poly(ADP-ribose) synthetase inhibitor, 3-aminobenzamide, in cardioplegic solution: in vitro study of isolated rat heart model. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 270-275.	1.4	16
250	Nestin-positive Cells in Adult Pancreas Express Amylase and Endocrine Precursor Cells. <i>Pancreas</i> , 2005, 31, 126-131.	1.1	16
251	A high-throughput reporter gene assay to prove the ability of natural compounds to modulate glutathione peroxidase, superoxide dismutase and catalase gene promoters in V79 cells. <i>Free Radical Research</i> , 2008, 42, 746-753.	3.3	16
252	Granulocyte colony-stimulating factor protects cardiac mitochondria in the early phase of cardiac injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H823-H832.	3.2	16

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253	Dual preventive benefits of iron elimination by desferal in asbestos-induced mesothelial carcinogenesis. <i>Cancer Science</i> , 2016, 107, 908-915.	3.9	16
254	Tim4 recognizes carbon nanotubes and mediates phagocytosis leading to granuloma formation. <i>Cell Reports</i> , 2021, 34, 108734.	6.4	16
255	Distinct affinity of nuclear proteins to the surface of chrysotile and crocidolite. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012, 51, 221-6.	1.4	16
256	Iron chelators modulate the production of DNA strand breaks and 8-hydroxy-2-deoxyguanosine. <i>Free Radical Research</i> , 1999, 31, 123-128.	3.3	15
257	Spaciotemporal Alteration of 8-hydroxy-2-deoxyguanosine Levels in Cardiomyocytes After Myocardial Infarction in Rats. <i>Free Radical Research</i> , 2002, 36, 853-858.	3.3	15
258	Glycine ameliorates lung reperfusion injury after cold preservation in an ex vivo rat lung model. <i>Transplantation</i> , 2003, 75, 591-598.	1.0	15
259	Adult pancreatic islets require differential pax6 gene dosage. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 40-46.	2.1	15
260	Repeated short-term daily exercise ameliorates oxidative cerebral damage and the resultant motor dysfunction after transient ischemia in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 53, 8-14.	1.4	15
261	Osteogenic differentiation in dedifferentiated liposarcoma: a study of 36 cases in comparison to the cases without ossification. <i>Histopathology</i> , 2018, 72, 729-738.	2.9	15
262	How iron is handled in the course of heme catabolism: Integration of heme oxygenase with intracellular iron transport mechanisms mediated by poly (rC)-binding protein-2. <i>Archives of Biochemistry and Biophysics</i> , 2019, 672, 108071.	3.0	15
263	A scrutiny of circulating microRNA biomarkers for drug-induced tubular and glomerular injury in rats. <i>Toxicology</i> , 2019, 415, 26-36.	4.2	15
264	Pericardial Fluid from Patients with Ischemic Heart Disease Induces Myocardial Cell Apoptosis via an Oxidant Stress-sensitive p38 Mitogen-activated Protein Kinase Pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 419-430.	1.9	14
265	Difference in Thioredoxin Expression in Viral Myocarditis in Inbred Strains of Mice. <i>Japanese Circulation Journal</i> , 2001, 65, 561-564.	1.0	14
266	Maternal molecular hydrogen administration on lipopolysaccharide-induced mouse fetal brain injury. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 57, 178-182.	1.4	14
267	Fenton reaction-induced renal carcinogenesis in <i>Mutyh</i> -deficient mice exhibits less chromosomal aberrations than the rat model. <i>Pathology International</i> , 2017, 67, 564-574.	1.3	14
268	Overexpression of miR-199/214 is a distinctive feature of iron-induced and asbestos-induced sarcomatoid mesothelioma in rats. <i>Cancer Science</i> , 2020, 111, 2016-2027.	3.9	14
269	Role of carbonic anhydrases in ferroptosis-resistance. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108440.	3.0	14
270	Non-thermal plasma-induced DMPO-OH yields hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021, 705, 108901.	3.0	14

#	ARTICLE	IF	CITATIONS
271	Ferroptosis resistance determines high susceptibility of murine <i>A/J</i> strain to iron-induced renal carcinogenesis. <i>Cancer Science</i> , 2022, 113, 65-78.	3.9	14
272	An electron spin resonance study on alkylperoxyl radical in thin-sliced renal tissues from ferric nitrilotriacetate-treated rats: The effect of α -tocopherol feeding. <i>Free Radical Research</i> , 2001, 35, 245-255.	3.3	13
273	Amelioration of cisplatin toxicity by a fermented grain food product. <i>BioFactors</i> , 2002, 16, 105-115.	5.4	13
274	Stage-specific roles of fibulin-5 during oxidative stress-induced renal carcinogenesis in rats. <i>Free Radical Research</i> , 2011, 45, 211-220.	3.3	13
275	In Vitro Transformation of Mouse Testis Cells by Oncogene Transfection1. <i>Biology of Reproduction</i> , 2012, 86, 148, 1-11.	2.7	13
276	Possible involvement of iron-induced oxidative insults in neurodegeneration. <i>Neuroscience Letters</i> , 2015, 588, 29-35.	2.1	13
277	Non-thermal plasma prevents progression of endometriosis in mice. <i>Free Radical Research</i> , 2016, 50, 1131-1139.	3.3	13
278	Protein kinase A inhibition facilitates the antitumor activity of xanthohumol, a valosin-containing protein inhibitor. <i>Cancer Science</i> , 2017, 108, 785-794.	3.9	13
279	BRCA1 haploinsufficiency promotes chromosomal amplification under Fenton reaction-based carcinogenesis through ferroptosis-resistance. <i>Redox Biology</i> , 2022, 54, 102356.	9.0	13
280	Hippo-TAZ signaling is the master regulator of the onset of triple-negative basal-like breast cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
281	Sex Differences in the Localization and Severity of Ferric Nitrilotriacetate-induced Lipid Peroxidation in the Mouse Kidney. <i>Pathology International</i> , 1991, 41, 221-226.	1.3	12
282	Report of a patient with POEMS/takatsuki/crow-fukase syndrome associated with focal spinal pachymeningeal amyloidosis. <i>Cancer</i> , 1992, 70, 882-886.	4.1	12
283	Preliminary characterization of a murine model for 1-bromopropane neurotoxicity: Role of cytochrome P450. <i>Toxicology Letters</i> , 2016, 258, 249-258.	0.8	12
284	-Dehydroascorbic acid recycled by thiols efficiently scavenges non-thermal plasma-induced hydroxyl radicals. <i>Archives of Biochemistry and Biophysics</i> , 2019, 669, 87-95.	3.0	12
285	Minimal inflammogenicity of pristine single-wall carbon nanotubes. <i>Nagoya Journal of Medical Science</i> , 2015, 77, 195-202.	0.3	12
286	Hepatocyte growth factor derived from senescent cells attenuates cell competition-induced apical elimination of oncogenic cells. <i>Nature Communications</i> , 2022, 13, .	12.8	12
287	Fine-needle aspiration cytology of malignant hemangiopericytoma of the salivary gland: A case report. <i>Journal of Cutaneous Medicine and Surgery</i> , 1999, 21, 398-401.		11
288	Formation of 4-Hydroxy-2-Nonenal- Modified Proteins and 3-Nitro-L-Tyrosine in Rat Island Skin Flaps During and After Ischemia. <i>Annals of Plastic Surgery</i> , 1999, 42, 293-298.	0.9	11

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289	Stapled BIC3 helical peptide ERAP potentiates anti-tumour activity for breast cancer therapeutics. <i>Scientific Reports</i> , 2017, 7, 1821.	3.3	11
290	Differences in oxidative stress dependence between gastric adenocarcinoma subtypes. <i>World Journal of Gastroenterology</i> , 2006, 12, 1005.	3.3	11
291	Spontaneous loss-of-function mutations of the 8-oxoguanine DNA glycosylase gene in mice and exploration of the possible implication of the gene in senescence. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1130-1136.	2.9	10
292	Receptor role of the annexin A2 in the mesothelial endocytosis of crocidolite fibers. <i>Laboratory Investigation</i> , 2015, 95, 749-764.	3.7	10
293	Antenatal Saireito (TJ-114) Can Improve Pulmonary Hypoplasia and Pulmonary Vascular Remodeling in Nitrofen-Induced Congenital Diaphragmatic Hernia. <i>Phytotherapy Research</i> , 2016, 30, 1474-1480.	5.8	10
294	Superiority of rat over murine model for studies on the evolution of cancer genome. <i>Free Radical Research</i> , 2018, 52, 1323-1327.	3.3	10
295	L-Dehydroascorbate efficiently degrades non-thermal plasma-induced hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021, 700, 108762.	3.0	10
296	Cytotoxic and mutagenic effects of ferric nitrilotriacetate on L5178Y mouse lymphoma cells. <i>Cancer Letters</i> , 1995, 88, 157-162.	7.2	9
297	A Beverage Containing Fermented Black Soybean Ameliorates Ferric Nitrilotriacetate-Induced Renal Oxidative Damage in Rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 47, 198-207.	1.4	9
298	Genome-Scale Approaches to Investigate Oxidative DNA Damage. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 47, 91-97.	1.4	9
299	Lewis y antigen is expressed in oral squamous cell carcinoma cell lines and tissues, but disappears in the invasive regions leading to the enhanced malignant properties irrespective of sialyl-Lewis x. <i>Glycoconjugate Journal</i> , 2013, 30, 585-597.	2.7	9
300	Astaxanthin ameliorates ferric nitrilotriacetate-induced renal oxidative injury in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 61, 18-24.	1.4	9
301	Plasma-activated Ringer's lactate solution inhibits the cellular respiratory system in HeLa cells. <i>Plasma Processes and Polymers</i> , 2021, 18, 2100056.	3.0	9
302	Urokinase-type plasminogen activator receptor promotes proliferation and invasion with reduced cisplatin sensitivity in malignant mesothelioma. <i>Oncotarget</i> , 2016, 7, 69565-69578.	1.8	9
303	PCBP2 knockdown promotes ferroptosis in malignant mesothelioma. <i>Pathology International</i> , 2022, 72, 242-251.	1.3	9
304	Gastric inhibitory polypeptide is the major insulinotropic factor in K(ATP) null mice. <i>European Journal of Endocrinology</i> , 2004, 151, 407-412.	3.7	8
305	Novel screening method for ultraviolet protection: Combination of a human skin-equivalent model and 8-hydroxy-2'-deoxyguanosine. <i>Pathology International</i> , 2006, 56, 760-762.	1.3	8
306	Oxidative stress is related to the formation of Antoni B patterns and eosinophilic hyaline droplets in schwannomas. <i>Neuropathology</i> , 2007, 27, 237-244.	1.2	8

#	ARTICLE	IF	CITATIONS
307	A Novel Method for Efficient Collection of Normal Mesothelial Cells In Vivo. Journal of Clinical Biochemistry and Nutrition, 2010, 46, 265-268.	1.4	8
308	Prognostic significance of the MDM2 / HMGA2 ratio and histological tumor grade in dedifferentiated liposarcoma. Genes Chromosomes and Cancer, 2021, 60, 26-37.	2.8	8
309	Frequent homozygous deletion of <i>Cdkn2a/2b</i> in tremolite-induced malignant mesothelioma in rats. Cancer Science, 2020, 111, 1180-1192.	3.9	8
310	Double-edged Sword Role of Iron-loaded Ferritin in Extracellular Vesicles. Journal of Cancer Prevention, 2021, 26, 244-249.	2.0	8
311	Acute nephrotoxicity of a carcinogenic iron chelate Selective inhibition of a proteolytic conversion of α 2U-globulin to the kidney fatty acid-binding protein. FEBS Letters, 1995, 357, 165-167.	2.8	7
312	An N-glycan structure correlates with pulmonary metastatic ability of cancer cells. Biochemical and Biophysical Research Communications, 2006, 340, 829-835.	2.1	7
313	A trial to find appropriate animal models of dichloropropane-induced cholangiocarcinoma based on the hepatic distribution of glutathione S-transferases. Journal of Occupational Health, 2015, 57, 548-554.	2.1	7
314	Mice lacking DYRK2 exhibit congenital malformations with lung hypoplasia and altered Foxf1 expression gradient. Communications Biology, 2021, 4, 1204.	4.4	7
315	Congenital myotonic dystrophy with progressive edema and hypoproteinemia. Brain and Development, 1991, 13, 58-60.	1.1	6
316	Transient but Not Stable ZEB1 Knockdown Dramatically Inhibits Growth of Malignant Pleural Mesothelioma Cells. Annals of Surgical Oncology, 2012, 19, 634-645.	1.5	6
317	Protective effect of cardioplegia with poly (ADP-ribose) polymerase-1 inhibitor against myocardial ischemia-reperfusion injury: in vitro study of isolated rat heart model. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 143-147.	5.2	6
318	Aging rather than sun exposure is a major determining factor for the density of <i>miR-125b</i> positive epidermal stem cells in human skin. Pathology International, 2015, 65, 415-419.	1.3	6
319	Significance of low mTORC1 activity in defining the characteristics of brain tumor stem cells. Neuro-Oncology, 2017, 19, now237.	1.2	6
320	Low-temperature plasma in biology and medicine. Archives of Biochemistry and Biophysics, 2016, 605, 1-2.	3.0	6
321	Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114). Journal of Clinical Biochemistry and Nutrition, 2017, 61, 176-182.	1.4	6
322	Iron as Soul of Life on Earth Revisited: From Chemical Reaction, Ferroptosis to Therapeutics. Free Radical Biology and Medicine, 2019, 133, 1-2.	2.9	6
323	Augmented oxidative stress increases 8-oxoguanine preferentially in the transcriptionally active genomic regions. Free Radical Research, 2020, 54, 872-882.	3.3	6
324	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

#	ARTICLE	IF	CITATIONS
325	Age- and sun exposure-dependent differences in 8-hydroxy-2'-deoxyguanosine and N μ -(carboxymethyl)lysine in human epidermis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2011, 49, 121-124.	1.4	6
326	Evaluation of two distinct methods to quantify the uptake of crocidolite fibers by mesothelial cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 53, 27-35.	1.4	6
327	Cytotoxicity of plasma-irradiated lactate solution produced under atmospheric airtight conditions and generation of the methyl amino group. <i>Applied Physics Express</i> , 2022, 15, 056001.	2.4	6
328	A Novel Selectin Blocker Alleviates Oxidative Stress of Lung Reperfusion Injury. <i>Journal of Surgical Research</i> , 2001, 101, 91-98.	1.6	5
329	$\hat{\alpha}$ -Tocopherol induces calnexin in renal tubular cells: Another protective mechanism against free radical-induced cellular damage. <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 168-178.	3.0	5
330	Overexpression of CYP3A aggravates endotoxin-induced liver injury in hypophysectomized female rats. <i>Hepatology Research</i> , 2008, 38, 70-78.	3.4	5
331	Pain-reducing anesthesia prevents oxidative stress in human term placenta. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 58, 156-160.	1.4	5
332	Development of a novel monoclonal antibody against 4-hydroxy-2E,6Z-dodecadienal (4-HDDE)-protein adducts: Immunochemical application in quantitative and qualitative analyses of lipid peroxidation in vitro and ex vivo. <i>Free Radical Biology and Medicine</i> , 2018, 124, 12-20.	2.9	5
333	<i>Mth1</i> deficiency provides longer survival upon intraperitoneal crocidolite injection in female mice. <i>Free Radical Research</i> , 2020, 54, 195-205.	3.3	5
334	Neural stem cell-specific ITPA deficiency causes neural depolarization and epilepsy. <i>JCI Insight</i> , 2020, 5, .	5.0	5
335	Novel surrogate end-point biomarker to evaluate agents for use in the chemoprevention of reactive oxygen species-associated cancer. <i>Redox Report</i> , 2002, 7, 335-338.	4.5	4
336	A Quantitative trait locus responsible for inducing B-cell lymphoblastic lymphoma is a hotspot for microsatellite instability. <i>Cancer Science</i> , 2010, 101, 800-805.	3.9	4
337	Mitochondria and free radical studies on health, disease and pollution. <i>Free Radical Research</i> , 2012, 46, 925-926.	3.3	4
338	An autopsy case report: Differences in radiological images correlate with histology in Erdheim-Chester disease. <i>Pathology International</i> , 2018, 68, 374-381.	1.3	4
339	Global overexpression of divalent metal transporter 1 delays crocidolite-induced mesothelial carcinogenesis in male mice. <i>Free Radical Research</i> , 2018, 52, 1030-1039.	3.3	4
340	Twist1 was detected in mesenchymal cells of mammary fibroadenoma and invasive components of breast carcinoma in rats. <i>Journal of Toxicologic Pathology</i> , 2019, 32, 19-26.	0.7	4
341	Histochemical Detection of Burn-induced Lipid Peroxidation in Sebaceous Glands of Rat Skin. <i>Journal of Dermatology</i> , 1991, 18, 393-396.	1.2	3
342	Isolation and characterization of annexin 2 pseudogene in <i>Rattus norvegicus</i> . <i>Gene</i> , 2002, 289, 185-190.	2.2	3

#	ARTICLE	IF	CITATIONS
343	Detection of glyceraldehyde 3-phosphate dehydrogenase messenger RNA using a peptide nucleic acid probe in paraffin-embedded archival specimens. <i>Pathology International</i> , 2004, 54, 251-255.	1.3	3
344	Editorial: The cutting edge of zinc biology. <i>Archives of Biochemistry and Biophysics</i> , 2016, 611, 1-2.	3.0	3
345	Glioblastoma Cell Lines Display Different Sensitivities to Plasma-Activated Medium. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018, 2, 99-102.	3.7	3
346	A special issue of SFRR Asia: cross talk between free radicals and mitochondria in health and disease. <i>Free Radical Research</i> , 2018, 52, 1197-1198.	3.3	3
347	Effect of molecular hydrogen on uterine inflammation during preterm labour. <i>Biomedical Reports</i> , 2018, 8, 454-460.	2.0	3
348	Chemical conversion of human fibroblasts into neuronal cells: dawn of future clinical trials. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 165-165.	1.4	3
349	Commentary for an article on photooxidation in isolated chloroplasts. <i>Archives of Biochemistry and Biophysics</i> , 2022, , 109133.	3.0	3
350	Tetrachloroaurate (III)-induced oxidation increases non-thermal plasma-induced oxidative stress. <i>Free Radical Research</i> , 2022, 56, 17-27.	3.3	3
351	Association of alcohol intake and female gender with high expression of TMPRSS2 in tongue as potential risk for SARS-CoV-2 infection. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2022, 71, 129-135.	1.4	3
352	The role of oxidative DNA damage in human arsenic carcinogenesis: Detection of 8-OHdG in arsenic related Bowen's disease. <i>Journal of Dermatological Science</i> , 1998, 16, S54.	1.9	2
353	Tumor initiating activity of <i>Helicobacter pylori</i> water extract on mouse skin carcinogenesis. <i>Cancer Letters</i> , 2003, 191, 41-47.	7.2	2
354	Partial Correction of Abnormal Cardiac Development in Caspase-8-deficient Mice by Cardiomyocyte Expression of p35. <i>Transgenic Research</i> , 2005, 14, 593-604.	2.4	2
355	Tribute issue: Helmut Sies and oxidative stress: Venit, vidit, vicit. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 2.	3.0	2
356	Acute fulminant invasive pulmonary aspergillosis in an immunocompetent host: An autopsy case report. <i>Medical Mycology Case Reports</i> , 2018, 20, 39-42.	1.3	2
357	Expression of P-REX2a is associated with poor prognosis in endometrial malignancies. <i>Oncotarget</i> , 2018, 9, 24778-24786.	1.8	2
358	Induction of cancer cell-specific ferroptosis by non-thermal plasma exposure. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 110501.	1.5	2
359	Imidapril, an Angiotensin-Converting Enzyme Inhibitor, Reduces Diabetes-Induced Renal Oxidative Damage in Mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2005, 37, 29-37.	1.4	2
360	Diluted aqueous extract of heat-not-burn tobacco product smoke causes less oxidative damage in fibroblasts than conventional cigarette. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2022, 71, 55-63.	1.4	2

#	ARTICLE	IF	CITATIONS
361	Intermittent Microwave Irradiation Facilitates Antigen-Antibody Reaction in Western Blot Analysis. <i>Methods in Molecular Biology</i> , 2009, 536, 307-312.	0.9	1
362	In response to Sharing different perspectives to understand asbestos-induced carcinogenesis: A comment to Jiang <i>et al.</i> (2016) by Alessandro Francesco Gualtieri (2017). <i>Cancer Science</i> , 2017, 108, 1089-1090.	3.9	1
363	The new era for research on polyphenols and food factors. <i>Archives of Biochemistry and Biophysics</i> , 2020, 696, 108678.	3.0	1
364	Enhancement of ethanol production and cell growth in budding yeast by direct irradiation of low-temperature plasma. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SA1007.	1.5	1
365	Iron Metabolism and Ferroptosis. , 2019, , 27-41.		1
366	Role and management of oxidative stress in human disease. <i>Free Radical Research</i> , 2021, 55, 755-757.	3.3	1
367	Oxyl radicals in Iron Overload Syndromes. <i>Oxidative Stress and Disease</i> , 2003, , .	0.3	1
368	Redox Control of Carcinogenesis and Tumor Biology. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 481-482.	5.4	0
369	Iron-Induced Carcinogenesis. , 2006, , 789-805.		0
370	Deferasirox Induces Mesenchymal-Epithelial Transition in Crocidolite-Induced Mesothelial Carcinogenesis in Rats. <i>Free Radical Biology and Medicine</i> , 2013, 65, S25.	2.9	0
371	CD146 and IMP3 predict prognosis of asbestos-induced rat mesothelioma. Localization of CD146-positive cells during early carcinogenesis and their immunohistochemical phenotype, stained podoplanin (blue) and CD146 (brown).. <i>Cancer Science</i> , 2013, 104, August cover-August cover.	3.9	0
372	Hepatic distribution of GST cannot explain the gap between humans and rodents for induction of cholangiocarcinoma following exposure to dichloropropane. <i>Toxicology Letters</i> , 2015, 238, S245.	0.8	0
373	Application of Intermittent Microwave Irradiation to Western Blot Analysis. <i>Methods in Molecular Biology</i> , 2015, 1314, 185-190.	0.9	0
374	Special issue for the 7th Biennial Meeting of Society for Free Radical Research-Asia (SFRR-Asia 2015) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	0
375	Cancer and Excess Iron. , 2019, , 201-207.		0
376	The new era for redox research. <i>Free Radical Research</i> , 2020, 54, 787-789.	3.3	0
377	Role of ferroptosis in carcinogenesis and tumor biology. <i>Free Radical Biology and Medicine</i> , 2021, 165, 6.	2.9	0
378	Prenatal Molecular Hydrogen Administration Ameliorates Several Findings in Nitrofen-Induced Congenital Diaphragmatic Hernia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9500.	4.1	0

#	ARTICLE	IF	CITATIONS
379	Mitochondrial involvement in the development and progression of diseases. Archives of Biochemistry and Biophysics, 2021, 711, 109006.	3.0	0
380	Iron Regulation, Hemochromatosis, and Cancer. , 2002, , 1011-1025.		0
381	Helicobacter pylori and Gastric Cancer. CRC Series in Modern Nutrition Science, 2004, , .	0.0	0
382	Historical Aspects of Free Radical Chemistry and Biology: Whatâ€™s New in Oxidative Stress-induced Carcinogenesis and Its Prevention?. Journal of Clinical Biochemistry and Nutrition, 2006, 39, 1-2.	1.4	0
383	Abstract 955: n-3 polyunsaturated fatty acids promote apoptosis in oxidatively stressed transgenic mouse models. , 2010, , .		0
384	Abstract 3992: Roles of ASH1-miR-375 pathway in development of lung cancers with neuroendocrine features. , 2011, , .		0
385	Abstract C37: BMAL1 depletion represses growth of mesothelioma through induction of mitotic catastrophe. , 2011, , .		0
386	As a host society to SFRRRI 2014 in Kyoto. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 1-1.	1.4	0
387	Protective Effect of Î±G-Rutin on Oxidative Stress in Mice. , 1997, , 617-622.		0
388	Detection of 8-Hydroxy-2’-Deoxyguanosine by a Monoclonal Antibody N45.1 and its Application. , 1999, , 395-405.		0
389	Polymer coating on carbon nanotubes into Durobeads is a novel strategy for human environmental safety. Nagoya Journal of Medical Science, 2018, 80, 597-604.	0.3	0
390	Editorial: Centennial anniversary of vitamin E discovery. Free Radical Biology and Medicine, 2022, 183, 125-126.	2.9	0