

Shinya Toyokuni

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	CD153/CD30 signaling promotes age-dependent tertiary lymphoid tissue expansion and kidney injury. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	36
4	Commentary for an article on photooxidation in isolated chloroplasts. <i>Archives of Biochemistry and Biophysics</i> , 2022, , 109133.	3.0	3
5	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
6	PCBP2 knockdown promotes ferroptosis in malignant mesothelioma. <i>Pathology International</i> , 2022, 72, 242-251.	1.3	9
7	Tetrachloroaurate (III)-induced oxidation increases non-thermal plasma-induced oxidative stress. <i>Free Radical Research</i> , 2022, 56, 17-27.	3.3	3
8	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
9	Editorial: Centennial anniversary of vitamin E discovery. <i>Free Radical Biology and Medicine</i> , 2022, 183, 125-126.	2.9	0
10	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
11	BRCA1 haploinsufficiency promotes chromosomal amplification under Fenton reaction-based carcinogenesis through ferroptosis-resistance. <i>Redox Biology</i> , 2022, 54, 102356.	9.0	13
12	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
13	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
14	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
15	Defective biosynthesis of ascorbic acid in Sod1-deficient mice results in lethal damage to lung tissue. <i>Free Radical Biology and Medicine</i> , 2021, 162, 255-265.	2.9	6
16	Prognostic significance of the MDM2 / HMGA2 ratio and histological tumor grade in dedifferentiated liposarcoma. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 26-37.	2.8	8
17	Tim4 recognizes carbon nanotubes and mediates phagocytosis leading to granuloma formation. <i>Cell Reports</i> , 2021, 34, 108734.	6.4	16
18	Role of ferroptosis in carcinogenesis and tumor biology. <i>Free Radical Biology and Medicine</i> , 2021, 165, 6.	2.9	0

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19	Preclinical Verification of the Efficacy and Safety of Aqueous Plasma for Ovarian Cancer Therapy. <i>Cancers</i> , 2021, 13, 1141.	3.7	23
20	L-Dehydroascorbate efficiently degrades non-thermal plasma-induced hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021, 700, 108762.	3.0	10
21	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
22	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
23	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
24	Non-thermal plasma-induced DMPO-OH yields hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021, 705, 108901.	3.0	14
25	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
26	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
27	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
28	Mitochondrial involvement in the development and progression of diseases. <i>Archives of Biochemistry and Biophysics</i> , 2021, 711, 109006.	3.0	0
29	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overclock 10 Tf 50,342 9.1 1,430	9.1	1,430
30	Role and management of oxidative stress in human disease. <i>Free Radical Research</i> , 2021, 55, 755-757.	3.3	1
31	Mice lacking DYRK2 exhibit congenital malformations with lung hypoplasia and altered Foxf1 expression gradient. <i>Communications Biology</i> , 2021, 4, 1204.	4.4	7
32	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
33	Embryonal erythropoiesis and aging exploit ferroptosis. <i>Redox Biology</i> , 2021, 48, 102175.	9.0	40
34	Double-edged Sword Role of Iron-loaded Ferritin in Extracellular Vesicles. <i>Journal of Cancer Prevention</i> , 2021, 26, 244-249.	2.0	8
35	Novel ovarian endometriosis model causes infertility via iron-mediated oxidative stress in mice. <i>Redox Biology</i> , 2020, 37, 101726.	9.0	51
36	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

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37	The new era for redox research. <i>Free Radical Research</i> , 2020, 54, 787-789.	3.3	0
38	The new era for research on polyphenols and food factors. <i>Archives of Biochemistry and Biophysics</i> , 2020, 696, 108678.	3.0	1
39	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
40	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
41	Endogenous YAP1 activation drives immediate onset of cervical carcinoma in situ in mice. <i>Cancer Science</i> , 2020, 111, 3576-3587.	3.9	24
42	Augmented oxidative stress increases 8-oxoguanine preferentially in the transcriptionally active genomic regions. <i>Free Radical Research</i> , 2020, 54, 872-882.	3.3	6
43	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
44	Non-thermal plasma-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
45	Role of carbonic anhydrases in ferroptosis-resistance. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108440.	3.0	14
46	<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
47	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
48	Plasma-activated medium promotes autophagic cell death along with alteration of the mTOR pathway. <i>Scientific Reports</i> , 2020, 10, 1614.	3.3	42
49	Frequent homozygous deletion of <i>Cdkn2a/2b</i> in tremolite-induced malignant mesothelioma in rats. <i>Cancer Science</i> , 2020, 111, 1180-1192.	3.9	8
50	Ferroptosis at the crossroads of infection, aging and cancer. <i>Cancer Science</i> , 2020, 111, 2665-2671.	3.9	84
51	Induction of cancer cell-specific ferroptosis by non-thermal plasma exposure. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 110501.	1.5	2
52	Connective tissue growth factor produced by cancer-associated fibroblasts correlates with poor prognosis in epithelioid malignant pleural mesothelioma. <i>Oncology Reports</i> , 2020, 44, 838-848.	2.6	20
53	Neural stem cell-specific ITPA deficiency causes neural depolarization and epilepsy. <i>JCI Insight</i> , 2020, 5, .	5.0	5
54	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

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55	Carbonic anhydrase 9 confers resistance to ferroptosis/apoptosis in malignant mesothelioma under hypoxia. <i>Redox Biology</i> , 2019, 26, 101297.	9.0	97
56	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
57	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
58	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
59	Iron as Soul of Life on Earth Revisited: From Chemical Reaction, Ferroptosis to Therapeutics. <i>Free Radical Biology and Medicine</i> , 2019, 133, 1-2.	2.9	6
60	-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
61	Cancer and Excess Iron. , 2019, , 201-207.		0
62	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
63	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
64	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
65	Iron Metabolism and Ferroptosis. , 2019, , 27-41.		1
66	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
67	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
68	Phlebotomy as a preventive measure for crocidolite-induced mesothelioma in male rats. <i>Cancer Science</i> , 2018, 109, 330-339.	3.9	25
69	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
70	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
71	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
72	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

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73	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
74	Molecular mechanisms of non-thermal plasma-induced effects in cancer cells. <i>Biological Chemistry</i> , 2018, 400, 87-91.	2.5	43
75	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
76	Global overexpression of <i>divalent metal transporter 1</i> delays crocidolite-induced mesothelial carcinogenesis in male mice. <i>Free Radical Research</i> , 2018, 52, 1030-1039.	3.3	4
77	Effect of molecular hydrogen on uterine inflammation during preterm labour. <i>Biomedical Reports</i> , 2018, 8, 454-460.	2.0	3
78	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
79	New Hopes for Plasma-Based Cancer Treatment. <i>Plasma</i> , 2018, 1, 150-155.	1.8	35
80	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
81	Expression of P-REX2a is associated with poor prognosis in endometrial malignancies. <i>Oncotarget</i> , 2018, 9, 24778-24786.	1.8	2
82	Polymer coating on carbon nanotubes into Durobeads is a novel strategy for human environmental safety. <i>Nagoya Journal of Medical Science</i> , 2018, 80, 597-604.	0.3	0
83	Significance of low mTORC1 activity in defining the characteristics of brain tumor stem cells. <i>Neuro-Oncology</i> , 2017, 19, now237.	1.2	6
84	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
85	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
86	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
87	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
88	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
89	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
90	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285.	28.9	4,081

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91	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
92	Novel Intraperitoneal Treatment With Non-Thermal Plasma-Activated Medium Inhibits Metastatic Potential of Ovarian Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 6085.	3.3	102
93	Stapled BIG3 helical peptide ERAP potentiates anti-tumour activity for breast cancer therapeutics. <i>Scientific Reports</i> , 2017, 7, 1821.	3.3	11
94	State of the art in medical applications using non-thermal atmospheric pressure plasma. <i>Reviews of Modern Plasma Physics</i> , 2017, 1, 1.	4.1	90
95	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
96	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
97	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
98	Role of catalytic iron and oxidative stress in nitrofen-induced congenital diaphragmatic hernia and its amelioration by Saireito (TJ-114). <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 61, 176-182.	1.4	6
99	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
100	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
101	Tribute issue: Helmut Sies and oxidative stress: Venit, vidit, vicit. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 2.	3.0	2
102	Oxidative stress as an iceberg in carcinogenesis and cancer biology. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 46-49.	3.0	56
103	Variable susceptibility of ovarian cancer cells to non-thermal plasma-activated medium. <i>Oncology Reports</i> , 2016, 35, 3169-3177.	2.6	33
104	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
105	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
106	Dual preventive benefits of iron elimination by desferal in asbestos-induced mesothelial carcinogenesis. <i>Cancer Science</i> , 2016, 107, 908-915.	3.9	16
107	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. <i>Pathology International</i> , 2016, 66, 245-259.	1.3	90
108	Editorial: The cutting edge of zinc biology. <i>Archives of Biochemistry and Biophysics</i> , 2016, 611, 1-2.	3.0	3

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109	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
110	Non-thermal plasma prevents progression of endometriosis in mice. <i>Free Radical Research</i> , 2016, 50, 1131-1139.	3.3	13
111	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
112	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
113	Molecular hydrogen suppresses activated Wnt/ β -catenin signaling. <i>Scientific Reports</i> , 2016, 6, 31986.	3.3	20
114	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
115	Low-temperature plasma in biology and medicine. <i>Archives of Biochemistry and Biophysics</i> , 2016, 605, 1-2.	3.0	6
116	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
117	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
118	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
119	Possible therapeutic option of aqueous plasma for refractory ovarian cancer. <i>Clinical Plasma Medicine</i> , 2016, 4, 14-18.	3.2	19
120	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
121	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
122	Cancer therapy using non-thermal atmospheric pressure plasma with ultra-high electron density. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	56
123	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
124	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
125	Maternal molecular hydrogen treatment attenuates lipopolysaccharide-induced rat fetal lung injury. <i>Free Radical Research</i> , 2015, 49, 1026-1037.	3.3	21
126	Aging rather than sun exposure is a major determining factor for the density of α -positive epidermal stem cells in human skin. <i>Pathology International</i> , 2015, 65, 415-419.	1.3	6

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127	Possible involvement of iron-induced oxidative insults in neurodegeneration. <i>Neuroscience Letters</i> , 2015, 588, 29-35.	2.1	13
128	Malignant mesothelioma as an oxidative stress-induced cancer: An update. <i>Free Radical Biology and Medicine</i> , 2015, 86, 166-178.	2.9	77
129	Receptor role of the annexin A2 in the mesothelial endocytosis of crocidolite fibers. <i>Laboratory Investigation</i> , 2015, 95, 749-764.	3.7	10
130	Ovarian endometriosis-associated stromal cells reveal persistently high affinity for iron. <i>Redox Biology</i> , 2015, 6, 578-586.	9.0	40
131	Application of Intermittent Microwave Irradiation to Western Blot Analysis. <i>Methods in Molecular Biology</i> , 2015, 1314, 185-190.	0.9	0
132	Plasma with high electron density and plasma-activated medium for cancer treatment. <i>Clinical Plasma Medicine</i> , 2015, 3, 72-76.	3.2	55
133	Napsin A is a specific marker for ovarian clear cell adenocarcinoma. <i>Modern Pathology</i> , 2015, 28, 111-117.	5.5	74
134	A trial to find appropriate animal models of dichloropropane-induced cholangiocarcinoma based on the hepatic distribution of glutathione S-transferases. <i>Journal of Occupational Health</i> , 2015, 57, 548-554.	2.1	7
135	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
136	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
137	Minimal inflammogenicity of pristine single-wall carbon nanotubes. <i>Nagoya Journal of Medical Science</i> , 2015, 77, 195-202.	0.3	12
138	Dexamethasone Palmitate Ameliorates Macrophages-Rich Graft-versus-Host Disease by Inhibiting Macrophage Functions. <i>PLoS ONE</i> , 2014, 9, e96252.	2.5	32
139	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
140	Iron and thiols as two major players in carcinogenesis: friends or foes?. <i>Frontiers in Pharmacology</i> , 2014, 5, 200.	3.5	49
141	Connective tissue growth factor and β -catenin constitute an autocrine loop for activation in rat sarcomatoid mesothelioma. <i>Journal of Pathology</i> , 2014, 233, 402-414.	4.5	33
142	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
143	Iron overload as a major targetable pathogenesis of asbestos-induced mesothelial carcinogenesis. <i>Redox Report</i> , 2014, 19, 1-7.	4.5	38
144	Cancer-promoting role of adipocytes in asbestos-induced mesothelial carcinogenesis through dysregulated adipocytokine production. <i>Carcinogenesis</i> , 2014, 35, 164-172.	2.8	17

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145	Plasma Medical Science for Cancer Therapy: Toward Cancer Therapy Using Nonthermal Atmospheric Pressure Plasma. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3760-3764.	1.3	91
146	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
147	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
148	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
149	Lack of presence of the human cytomegalovirus in human glioblastoma. <i>Modern Pathology</i> , 2014, 27, 922-929.	5.5	47
150	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
151	As a host society to SFRR1 2014 in Kyoto. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 54, 1-1.	1.4	0
152	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
153	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
154	Genotoxicity and carcinogenicity risk of carbon nanotubes. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 2098-2110.	13.7	103
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