Yasumasa Okazaki

List of Publications by Year
in descending order

65	2,506	270111	223390
papers	citations	25 h-index	49 g-index

66	66	66	3521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of ethanol production and cell growth in budding yeast by direct irradiation of low-temperature plasma. Japanese Journal of Applied Physics, 2022, 61, SA1007.	0.8	1
2	Tetrachloroaurate (III)-induced oxidation increases non-thermal plasma-induced oxidative stress. Free Radical Research, 2022, 56, 17-27.	1.5	3
3	The Role of Ferric Nitrilotriacetate in Renal Carcinogenesis and Cell Death: From Animal Models to Clinical Implications. Cancers, 2022, 14, 1495.	1.7	9
4	Asbestosâ€induced mesothelial injury and carcinogenesis: Involvement of iron and reactive oxygen species. Pathology International, 2022, 72, 83-95.	0.6	5
5	L-Dehydroascorbate efficiently degrades non-thermal plasma-induced hydrogen peroxide. Archives of Biochemistry and Biophysics, 2021, 700, 108762.	1.4	10
6	Plasmaâ€activated Ringer's lactate solution inhibits the cellular respiratory system in HeLa cells. Plasma Processes and Polymers, 2021, 18, 2100056.	1.6	9
7	The therapeutic potential of curcumin in alleviating N-diethylnitrosamine and iron nitrilotriacetate induced renal cell tumours in mice via inhibition of oxidative stress: Implications for cancer chemoprevention. Biomedicine and Pharmacotherapy, 2021, 139, 111636.	2.5	8
8	Non-thermal plasma-induced DMPO-OH yields hydrogen peroxide. Archives of Biochemistry and Biophysics, 2021, 705, 108901.	1.4	14
9	Low temperature plasma irradiation products of sodium lactate solution that induce cell death on U251SP glioblastoma cells were identified. Scientific Reports, 2021, 11, 18488.	1.6	20
10	Mice lacking DYRK2 exhibit congenital malformations with lung hypoplasia and altered Foxf1 expression gradient. Communications Biology, 2021, 4, 1204.	2.0	7
11	Carcinogenesis as Side Effects of Iron and Oxygen Utilization: From the Unveiled Truth toward Ultimate Bioengineering. Cancers, 2020, 12, 3320.	1.7	22
12	Asbestos conceives Fe(II)-dependent mutagenic stromal milieu through ceaseless macrophage ferroptosis and Î²-catenin induction in mesothelium. Redox Biology, 2020, 36, 101616.	3.9	30
13	Overexpression of miRâ€199/214 is a distinctive feature of ironâ€induced and asbestosâ€induced sarcomatoid mesothelioma in rats. Cancer Science, 2020, 111, 2016-2027.	1.7	14
14	Mth1 deficiency provides longer survival upon intraperitoneal crocidolite injection in female mice. Free Radical Research, 2020, 54, 195-205.	1.5	5
15	Frequent homozygous deletion of Cdkn2a/2b in tremoliteâ€induced malignant mesothelioma in rats. Cancer Science, 2020, 111, 1180-1192.	1.7	8
16	Induction of cancer cell-specific ferroptosis by non-thermal plasma exposure. Japanese Journal of Applied Physics, 2020, 59, 110501.	0.8	2
17	Oxidative stress-dependent and -independent death of glioblastoma cells induced by non-thermal plasma-exposed solutions. Scientific Reports, 2019, 9, 13657.	1.6	48
18	-Dehydroascorbic acid recycled by thiols efficiently scavenges non-thermal plasma-induced hydroxyl radicals. Archives of Biochemistry and Biophysics, 2019, 669, 87-95.	1.4	12

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19	Twist1 was detected in mesenchymal cells of mammary fibroadenoma and invasive components of breast carcinoma in rats. Journal of Toxicologic Pathology, 2019, 32, 19-26.	0.3	4
20	Phlebotomy as a preventive measure for crocidoliteâ€induced mesothelioma in male rats. Cancer Science, 2018, 109, 330-339.	1.7	25
21	Glioblastoma Cell Lines Display Different Sensitivities to Plasma-Activated Medium. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 99-102.	2.7	3
22	Global overexpression of divalent metal transporter 1 delays crocidolite-induced mesothelial carcinogenesis in male mice. Free Radical Research, 2018, 52, 1030-1039.	1.5	4
23	A fluorescent metal-sensor study provides evidence for iron transport by transcytosis in the intestinal epithelial cells. Journal of Clinical Biochemistry and Nutrition, 2018, 62, 49-55.	0.6	4
24	Rheostatic CD44 isoform expression and its association with oxidative stress in human malignant mesothelioma. Free Radical Biology and Medicine, 2017, 106, 91-99.	1.3	18
25	Iron and thiol redox signaling in cancer: An exquisite balance to escape ferroptosis. Free Radical Biology and Medicine, 2017, 108, 610-626.	1.3	180
26	Protein kinase A inhibition facilitates the antitumor activity of xanthohumol, a valosinâ€containing protein inhibitor. Cancer Science, 2017, 108, 785-794.	1.7	13
27	Non-thermal plasma induces a stress response in mesothelioma cells resulting in increased endocytosis, lysosome biogenesis and autophagy. Free Radical Biology and Medicine, 2017, 108, 904-917.	1.3	77
28	Protoporphyrin IX regulates peripheral benzodiazepine receptor associated protein 7 (PAP7) and divalent metal transporter 1 (DMT1) in K562 cells. Biochemistry and Biophysics Reports, 2017, 10, 26-31.	0.7	0
29	Stapled BIG3 helical peptide ERAP potentiates anti-tumour activity for breast cancer therapeutics. Scientific Reports, 2017, 7, 1821.	1.6	11
30	Astaxanthin ameliorates ferric nitrilotriacetate-induced renal oxidative injury in rats. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 18-24.	0.6	9
31	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.	0.6	6
32	Role of hemoglobin and transferrin in multiâ€wall carbon nanotubeâ€induced mesothelial injury and carcinogenesis. Cancer Science, 2016, 107, 250-257.	1.7	36
33	Biphasic effects of l-ascorbate on the tumoricidal activity of non-thermal plasma against malignant mesothelioma cells. Archives of Biochemistry and Biophysics, 2016, 605, 109-116.	1.4	24
34	Plasma with high electron density and plasma-activated medium for cancer treatment. Clinical Plasma Medicine, 2015, 3, 72-76.	3.2	55
35	Asbestos and multi-walled carbon nanotubes generate distinct oxidative responses in inflammatory cells. Journal of Clinical Biochemistry and Nutrition, 2015, 56, 111-117.	0.6	31
36	Direct exposure of non-equilibrium atmospheric pressure plasma confers simultaneous oxidative and ultraviolet modifications in biomolecules. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 207-215.	0.6	58

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37	Connective tissue growth factor and Î²â€catenin constitute an autocrine loop for activation in rat sarcomatoid mesothelioma. Journal of Pathology, 2014, 233, 402-414.	2.1	33
38	Cancer-promoting role of adipocytes in asbestos-induced mesothelial carcinogenesis through dysregulated adipocytokine production. Carcinogenesis, 2014, 35, 164-172.	1.3	17
39	Plasma Medical Science for Cancer Therapy: Toward Cancer Therapy Using Nonthermal Atmospheric Pressure Plasma. IEEE Transactions on Plasma Science, 2014, 42, 3760-3764.	0.6	91
40	Rat model demonstrates a high risk of tremolite but a low risk of anthophyllite for mesothelial carcinogenesis. Nagoya Journal of Medical Science, 2014, 76, 149-60.	0.6	17
41	CD146 and insulinâ€like growth factor 2 <scp>mRNA</scp>â€binding protein 3 predict prognosis of asbestosâ€induced rat mesothelioma. Cancer Science, 2013, 104, 989-995.	1.7	17
42	Deferasirox Induces Mesenchymalâ€“Epithelial Transition in Crocidolite-Induced Mesothelial Carcinogenesis in Rats. Cancer Prevention Research, 2013, 6, 1222-1230.	0.7	36
43	Intraperitoneal administration of tangled multiwalled carbon nanotubes of 15â€‰nm in diameter does not induce mesothelial carcinogenesis in rats. Pathology International, 2013, 63, 457-462.	0.6	47
44	Metamorphosis of mesothelial cells with active horizontal motility in tissue culture. Scientific Reports, 2013, 3, 1144.	1.6	17
45	DMT1 (IRE) expression in intestinal and erythroid cells is regulated by peripheral benzodiazepine receptor-associated protein 7. American Journal of Physiology - Renal Physiology, 2012, 302, G1180-G1190.	1.6	23
46	Fenton Reaction Induced Cancer in Wild Type Rats Recapitulates Genomic Alterations Observed in Human Cancer. PLoS ONE, 2012, 7, e43403.	1.1	89
47	Bovine lactoferrin ameliorates ferric nitrilotriacetate-induced renal oxidative damage in rats. Journal of Clinical Biochemistry and Nutrition, 2012, 51, 84-90.	0.6	19
48	Iron overload signature in chrysotileâ€induced malignant mesothelioma. Journal of Pathology, 2012, 228, 366-377.	2.1	88
49	miR-375 Is Activated by ASH1 and Inhibits YAP1 in a Lineage-Dependent Manner in Lung Cancer. Cancer Research, 2011, 71, 6165-6173.	0.4	124
50	Asbestos surface provides a niche for oxidative modification. Cancer Science, 2011, 102, 2118-2125.	1.7	72
51	Stage-specific roles offibulin-5 during oxidative stress-induced renal carcinogenesis in rats. Free Radical Research, 2011, 45, 211-220.	1.5	13
52	Systemic but asymptomatic transthyretin amyloidosis 8 years after domino liver transplantation. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1287-1290.	0.9	27
53	Dietary Fish Oil Promotes Colonic Apoptosis and Mitochondrial Proton Leak in Oxidatively Stressed Mice. Cancer Prevention Research, 2011, 4, 1267-1274.	0.7	31
54	Diameter and rigidity of multiwalled carbon nanotubes are critical factors in mesothelial injury and carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1330-8.	3.3	437

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55	Homozygous deletion of CDKN2A/2B is a hallmark of iron-induced high-grade rat mesothelioma. Laboratory Investigation, 2010, 90, 360-373.	1.7	58
56	A Beverage Containing Fermented Black Soybean Ameliorates Ferric Nitrilotriacetate-Induced Renal Oxidative Damage in Rats. Journal of Clinical Biochemistry and Nutrition, 2010, 47, 198-207.	0.6	9
57	Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. American Journal of Pathology, 2010, 177, 677-685.	1.9	17
58	Pathophysiology of Sepsis and Recent Patents on the Diagnosis, Treatment and Prophylaxis for Sepsis. Recent Patents on Inflammation and Allergy Drug Discovery, 2009, 3, 26-32.	3.9	23
59	Curcumin attenuates oxidative damage in animals treated with a renal carcinogen, ferric nitrilotriacetate (Fe-NTA): implications for cancer prevention. Molecular and Cellular Biochemistry, 2009, 324, 157-164.	1.4	53
60	Probucol modulates iron nitrilotriacetate (Fe-NTA)-dependent renal carcinogenesis and hyperproliferative response: diminution of oxidative stress. Molecular and Cellular Biochemistry, 2007, 304, 61-69.	1.4	11
61	Protoporphyrin IX Down-Regulates DMT1 Associated Protein (DAP) in K562 Cells.. Blood, 2006, 108, 1548-1548.	0.6	0
62	Suppressive effects of dietary curcumin on the increased activity of renal ornithine decarboxylase in mice treated with a renal carcinogen, ferric nitrilotriacetate. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1740, 357-366.	1.8	39
63	Dietary Supplementation of Curcumin Enhances Antioxidant and Phase II Metabolizing Enzymes in ddY Male Mice: Possible Role in Protection against Chemical Carcinogenesis and Toxicity. Basic and Clinical Pharmacology and Toxicology, 2003, 92, 33-38.	0.0	250
64	In vitro curcumin modulates ferric nitrilotriacetate (Fe-NTA) and hydrogen peroxide (H2O2)-induced peroxidation of microsomal membrane lipids and DNA damage. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 151-160.	0.8	47
65	Nitroglycerin, a nitric oxide generator attenuates ferric nitrilotriacetate-induced renal oxidative stress, hyperproliferative response and necrosis in ddY mice. Biochimica Et Biophysica Acta - General Subjects, 2003, 1623, 98-108.	1.1	10