

Yasumasa Okazaki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

1,992

citations

22

h-index

43

g-index

66

ext. papers

2,234

ext. citations

4.7

avg, IF

4.38

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 62 | Tetrachloroaurate (III)-induced oxidation increases non-thermal plasma-induced oxidative stress.. <i>Free Radical Research</i> , 2022 , 1-11 | 4 | 2 |
| 61 | Mice lacking DYRK2 exhibit congenital malformations with lung hypoplasia and altered Foxf1 expression gradient. <i>Communications Biology</i> , 2021 , 4, 1204 | 6.7 | 2 |
| 60 | L-Dehydroascorbate efficiently degrades non-thermal plasma-induced hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 700, 108762 | 4.1 | 6 |
| 59 | Plasma-activated Ringer's lactate solution inhibits the cellular respiratory system in HeLa cells. <i>Plasma Processes and Polymers</i> , 2021 , 18, 2100056 | 3.4 | 2 |
| 58 | 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. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111636 | 7.5 | 5 |
| 57 | Non-thermal plasma-induced DMPO-OH yields hydrogen peroxide. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 705, 108901 | 4.1 | 6 |
| 56 | 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 | 4.9 | 7 |
| 55 | 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 | 6.9 | 7 |
| 54 | deficiency provides longer survival upon intraperitoneal crocidolite injection in female mice. <i>Free Radical Research</i> , 2020 , 54, 195-205 | 4 | 2 |
| 53 | Frequent homozygous deletion of Cdkn2a/2b in tremolite-induced malignant mesothelioma in rats. <i>Cancer Science</i> , 2020 , 111, 1180-1192 | 6.9 | 4 |
| 52 | Induction of cancer cell-specific ferroptosis by non-thermal plasma exposure. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, 110501 | 1.4 | 1 |
| 51 | Carcinogenesis as Side Effects of Iron and Oxygen Utilization: From the Unveiled Truth toward Ultimate Bioengineering. <i>Cancers</i> , 2020 , 12, | 6.6 | 11 |
| 50 | Asbestos conceives Fe(II)-dependent mutagenic stromal milieu through ceaseless macrophage ferroptosis and Eatenin induction in mesothelium. <i>Redox Biology</i> , 2020 , 36, 101616 | 11.3 | 14 |
| 49 | Oxidative stress-dependent and -independent death of glioblastoma cells induced by non-thermal plasma-exposed solutions. <i>Scientific Reports</i> , 2019 , 9, 13657 | 4.9 | 33 |
| 48 | L-Dehydroascorbic acid recycled by thiols efficiently scavenges non-thermal plasma-induced hydroxyl radicals. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 669, 87-95 | 4.1 | 7 |
| 47 | 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 | 1.4 | 3 |
| 46 | Phlebotomy as a preventive measure for crocidolite-induced mesothelioma in male rats. <i>Cancer Science</i> , 2018 , 109, 330-339 | 6.9 | 18 |

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| 45 | A fluorescent metal-sensor study provides evidence for iron transport by transcytosis in the intestinal epithelial cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018 , 62, 49-55 | 3.1 | 2 |
| 44 | Glioblastoma Cell Lines Display Different Sensitivities to Plasma-Activated Medium. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018 , 2, 99-102 | 4.2 | 3 |
| 43 | Global overexpression of divalent metal transporter 1 delays crocidolite-induced mesothelial carcinogenesis in male mice. <i>Free Radical Research</i> , 2018 , 52, 1030-1039 | 4 | 2 |
| 42 | 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 | 7.8 | 15 |
| 41 | Iron and thiol redox signaling in cancer: An exquisite balance to escape ferroptosis. <i>Free Radical Biology and Medicine</i> , 2017 , 108, 610-626 | 7.8 | 116 |
| 40 | Protein kinase A inhibition facilitates the antitumor activity of xanthohumol, a valosin-containing protein inhibitor. <i>Cancer Science</i> , 2017 , 108, 785-794 | 6.9 | 10 |
| 39 | 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 | 7.8 | 54 |
| 38 | Protoporphyrin IX regulates peripheral benzodiazepine receptor associated protein 7 (PAP7) and divalent metal transporter 1 (DMT1) in K562 cells. <i>Biochemistry and Biophysics Reports</i> , 2017 , 10, 26-31 | 2.2 | |
| 37 | Astaxanthin ameliorates ferric nitrilotriacetate-induced renal oxidative injury in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017 , 61, 18-24 | 3.1 | 7 |
| 36 | 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 | 3.1 | 3 |
| 35 | Stapled BIG3 helical peptide ERAP potentiates anti-tumour activity for breast cancer therapeutics. <i>Scientific Reports</i> , 2017 , 7, 1821 | 4.9 | 8 |
| 34 | 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, 109-16 | 4.1 | 20 |
| 33 | Role of hemoglobin and transferrin in multi-wall carbon nanotube-induced mesothelial injury and carcinogenesis. <i>Cancer Science</i> , 2016 , 107, 250-7 | 6.9 | 30 |
| 32 | Plasma with high electron density and plasma-activated medium for cancer treatment. <i>Clinical Plasma Medicine</i> , 2015 , 3, 72-76 | 2.8 | 47 |
| 31 | Asbestos and multi-walled carbon nanotubes generate distinct oxidative responses in inflammatory cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015 , 56, 111-7 | 3.1 | 22 |
| 30 | Cancer-promoting role of adipocytes in asbestos-induced mesothelial carcinogenesis through dysregulated adipocytokine production. <i>Carcinogenesis</i> , 2014 , 35, 164-72 | 4.6 | 16 |
| 29 | 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 | 76 |
| 28 | 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, 207-15 | 3.1 | 46 |

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| 27 | Connective tissue growth factor and E-cadherin constitute an autocrine loop for activation in rat sarcomatoid mesothelioma. <i>Journal of Pathology</i> , 2014 , 233, 402-14 | 9.4 | 26 |
| 26 | 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 | 0.7 | 16 |
| 25 | CD146 and insulin-like growth factor 2 mRNA-binding protein 3 predict prognosis of asbestos-induced rat mesothelioma. <i>Cancer Science</i> , 2013 , 104, 989-95 | 6.9 | 15 |
| 24 | Deferasirox induces mesenchymal-epithelial transition in crocidolite-induced mesothelial carcinogenesis in rats. <i>Cancer Prevention Research</i> , 2013 , 6, 1222-30 | 3.2 | 28 |
| 23 | Intraperitoneal administration of tangled multiwalled carbon nanotubes of 15 nm in diameter does not induce mesothelial carcinogenesis in rats. <i>Pathology International</i> , 2013 , 63, 457-62 | 1.8 | 41 |
| 22 | Metamorphosis of mesothelial cells with active horizontal motility in tissue culture. <i>Scientific Reports</i> , 2013 , 3, 1144 | 4.9 | 14 |
| 21 | Fenton reaction induced cancer in wild type rats recapitulates genomic alterations observed in human cancer. <i>PLoS ONE</i> , 2012 , 7, e43403 | 3.7 | 74 |
| 20 | Bovine lactoferrin ameliorates ferric nitrilotriacetate-induced renal oxidative damage in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012 , 51, 84-90 | 3.1 | 17 |
| 19 | Iron overload signature in chrysotile-induced malignant mesothelioma. <i>Journal of Pathology</i> , 2012 , 228, 366-77 | 9.4 | 77 |
| 18 | DMT1 (IRE) expression in intestinal and erythroid cells is regulated by peripheral benzodiazepine receptor-associated protein 7. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, G1180-90 | 5.1 | 19 |
| 17 | miR-375 is activated by ASH1 and inhibits YAP1 in a lineage-dependent manner in lung cancer. <i>Cancer Research</i> , 2011 , 71, 6165-73 | 10.1 | 108 |
| 16 | Asbestos surface provides a niche for oxidative modification. <i>Cancer Science</i> , 2011 , 102, 2118-25 | 6.9 | 58 |
| 15 | Stage-specific roles of fibulin-5 during oxidative stress-induced renal carcinogenesis in rats. <i>Free Radical Research</i> , 2011 , 45, 211-20 | 4 | 11 |
| 14 | Systemic but asymptomatic transthyretin amyloidosis 8 years after domino liver transplantation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011 , 82, 1287-90 | 5.5 | 24 |
| 13 | Dietary fish oil promotes colonic apoptosis and mitochondrial proton leak in oxidatively stressed mice. <i>Cancer Prevention Research</i> , 2011 , 4, 1267-74 | 3.2 | 27 |
| 12 | 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 | 11.5 | 379 |
| 11 | Homozygous deletion of CDKN2A/2B is a hallmark of iron-induced high-grade rat mesothelioma. <i>Laboratory Investigation</i> , 2010 , 90, 360-73 | 5.9 | 54 |
| 10 | 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 | 3.1 | 6 |

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| 9 | Suppression of SLC11A2 expression is essential to maintain duodenal integrity during dietary iron overload. <i>American Journal of Pathology</i> , 2010 , 177, 677-85 | 5.8 | 12 |
| 8 | Pathophysiology of sepsis and recent patents on the diagnosis, treatment and prophylaxis for sepsis. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2009 , 3, 26-32 | 5.4 | 21 |
| 7 | Curcumin attenuates oxidative damage in animals treated with a renal carcinogen, ferric nitrilotriacetate (Fe-NTA): implications for cancer prevention. <i>Molecular and Cellular Biochemistry</i> , 2009 , 324, 157-64 | 4.2 | 45 |
| 6 | Probucol modulates iron nitrilotriacetate (Fe-NTA)-dependent renal carcinogenesis and hyperproliferative response: diminution of oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2007 , 304, 61-9 | 4.2 | 10 |
| 5 | Protoporphyrin IX Down-Regulates DMT1 Associated Protein (DAP) in K562 Cells.. <i>Blood</i> , 2006 , 108, 1548-1548 | | |
| 4 | Suppressive effects of dietary curcumin on the increased activity of renal ornithine decarboxylase in mice treated with a renal carcinogen, ferric nitrilotriacetate. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 357-66 | 6.9 | 34 |
| 3 | Dietary supplementation of curcumin enhances antioxidant and phase II metabolizing enzymes in ddY male mice: possible role in protection against chemical carcinogenesis and toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 92, 33-8 | | 214 |
| 2 | In vitro curcumin modulates ferric nitrilotriacetate (Fe-NTA) and hydrogen peroxide (H ₂ O ₂)-induced peroxidation of microsomal membrane lipids and DNA damage. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003 , Suppl 1, 151-60 | | 39 |
| 1 | Nitroglycerin, a nitric oxide generator attenuates ferric nitrilotriacetate-induced renal oxidative stress, hyperproliferative response and necrosis in ddY mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003 , 1623, 98-108 | 4 | 8 |