

# Osamu Inanami

## List of Publications by Year in descending order

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173  
papers

4,395  
citations

126858

33  
h-index

143943

57  
g-index

178  
all docs

178  
docs citations

178  
times ranked

5184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eribulin improves tumor oxygenation demonstrated by <sup>18</sup> F-DiFA hypoxia imaging, leading to radio-sensitization in human cancer xenograft models. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 821-833.	3.3	1
2	EPR Characterisation of Phthalocyanine Radical Anions in Near-Infrared Photocleavage of the Hydrophilic Axial Ligand of a Photoimmunotherapeutic Reagent, IR700. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	3
3	EPR Characterisation of Phthalocyanine Radical Anions in Near-Infrared Photocleavage of the Hydrophilic Axial Ligand of a Photoimmunotherapeutic Reagent, IR700. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	0
4	Preclinical studies for improving radiosensitivity of non-small cell lung cancer cell lines by combining glutaminase inhibition and senolysis. <i>Translational Oncology</i> , 2022, 21, 101431.	1.7	2
5	Characterization of a novel nicotinamide adenine dinucleotide-cytochrome b5 reductase mutation associated with canine hereditary methemoglobinemia. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 315-321.	0.3	2
6	Using the larvae of caddisfly as a biomonitor to assess the spatial distribution and effective half-life of radiocesium in riverine environments in Fukushima, Japan. <i>Physics Open</i> , 2021, 6, 100060.	0.7	2
7	DNA damage response in vascular endothelial senescence: Implication for radiation-induced cardiovascular diseases. <i>Journal of Radiation Research</i> , 2021, 62, 564-573.	0.8	18
8	Redox-Sensitive Mapping of a Mouse Tumor Model Using Sparse Projection Sampling of Electron Paramagnetic Resonance. <i>Antioxidants and Redox Signaling</i> , 2021, , .	2.5	2
9	Metformin preferentially enhances the radio-sensitivity of cancer stem-like cells with highly mitochondrial respiration ability in HMPOS. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 143-151.	2.0	10
10	Electron Donors Rather Than Reactive Oxygen Species Needed for Therapeutic Photochemical Reaction of Near-Infrared Photoimmunotherapy. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1689-1701.	2.5	16
11	LAT1 inhibitor JPH203 sensitizes cancer cells to radiation by enhancing radiation-induced cellular senescence. <i>Translational Oncology</i> , 2021, 14, 101212.	1.7	4
12	Nucleoside analogs as a radiosensitizer modulating DNA repair, cell cycle checkpoints, and apoptosis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 439-452.	0.4	3
13	Mitochondrial fission promotes radiation-induced increase in intracellular Ca <sup>2+</sup> level leading to mitotic catastrophe in mouse breast cancer EMT6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 144-150.	1.0	12
14	Radiation-induced abnormal centrosome amplification and mitotic catastrophe in human cervical tumor HeLa cells and murine mammary tumor EMT6 cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020, 67, 240-247.	0.6	4
15	Inhibition of ubiquitin-specific protease 2 causes accumulation of reactive oxygen species, mitochondria dysfunction, and intracellular ATP decrement in C2C12 myoblasts. <i>Physiological Reports</i> , 2019, 7, e14193.	0.7	14
16	The Adjuvant Effect of Squalene, an Active Ingredient of Functional Foods, on Doxorubicin-Treated Allograft Mice. <i>Nutrition and Cancer</i> , 2019, 71, 1153-1164.	0.9	15
17	Differentiation of bone marrow-derived cells toward thermogenic adipocytes in white adipose tissue induced by the <sup>123</sup> I adrenergic stimulation. <i>FASEB Journal</i> , 2019, 33, 5196-5207.	0.2	8
18	Ataxia-Telangiectasia Mutated (ATM) Kinase Regulates eNOS Expression and Modulates Radiosensitivity in Endothelial Cells Exposed to Ionizing Radiation. <i>Radiation Research</i> , 2018, 189, 519-528.	0.7	10

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19	Evaluation of mitochondrial redox status and energy metabolism of X-irradiated HeLa cells by LC/UV, LC/MS/MS and ESR. <i>Free Radical Research</i> , 2018, 52, 648-660.	1.5	12
20	Familial Congenital Methemoglobinemia in Pomeranian Dogs Caused by a Missense Variant in the NADHâ€Cytochrome B5 Reductase Gene. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 165-171.	0.6	15
21	â€Caddisfly watch,â€a biomonitoring program using <i>Stenopsyche</i> larvae to determine radioactive cesium contamination in rivers following the Fukushima nuclear disaster. <i>Landscape and Ecological Engineering</i> , 2018, 14, 29-35.	0.7	4
22	Genotoxic Responses of Mitochondrial Oxygen Consumption Rate and Mitochondrial Semiquinone Radicals in Tumor Cells. <i>Applied Magnetic Resonance</i> , 2018, 49, 837-851.	0.6	7
23	Calmodulin-dependent protein kinase II (CaMKII) mediates radiation-induced mitochondrial fission by regulating the phosphorylation of dynamin-related protein 1 (Drp1) at serine 616. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1601-1607.	1.0	48
24	NADPH oxidase 4 mediates ROS production in radiation-induced senescent cells and promotes migration of inflammatory cells. <i>Free Radical Research</i> , 2018, 52, 92-102.	1.5	44
25	In Vivo Extracellular pH Mapping of Tumors Using Electron Paramagnetic Resonance. <i>Analytical Chemistry</i> , 2018, 90, 13938-13945.	3.2	29
26	Feasibility of in vivo three-dimensional T*2 mapping using dicarboxy-PROXYL and CW-EPR-based single-point imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 291-298.	1.1	13
27	Lipophilic triphenylphosphonium derivatives enhance radiation-induced cell killing via inhibition of mitochondrial energy metabolism in tumor cells. <i>Cancer Letters</i> , 2017, 390, 160-167.	3.2	30
28	Analysis of the mechanism of radiation-induced upregulation of mitochondrial abundance in mouse fibroblasts. <i>Journal of Radiation Research</i> , 2017, 58, 292-301.	0.8	20
29	MK-8776, a novel Chk1 inhibitor, exhibits an improved radiosensitizing effect compared to UCN-01 by exacerbating radiation-induced aberrant mitosis. <i>Translational Oncology</i> , 2017, 10, 491-500.	1.7	28
30	Quantitative imaging of pO<sub>2</sub> in orthotopic murine gliomas: hypoxia correlates with resistance to radiation. <i>Free Radical Research</i> , 2017, 51, 861-871.	1.5	16
31	Quantitative pO <sub>2</sub> Mapping Using Electron Paramagnetic Resonance Imaging in Orthotopic Murine Glioma. <i>Free Radical Biology and Medicine</i> , 2017, 112, 106.	1.3	0
32	A 750-MHz electronically tunable resonator using microstrip line couplers for electron paramagnetic resonance imaging of a mouse tumor-bearing leg. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 65, 1-1.	2.5	5
33	Metabolic analysis of radioresistant medulloblastoma stem-like clones and potential therapeutic targets. <i>PLoS ONE</i> , 2017, 12, e0176162.	1.1	17
34	Preclinical study on hypoxic radiosensitizing effects of glycididazole in comparison with those of doranidazole in <i>in vitro</i> and <i>in vivo</i> . <i>Oncology Letters</i> , 2017, 15, 1993-1998.	0.8	1
35	Evaluation of the relative biological effectiveness of spot-scanning proton irradiation <i>in vitro</i> . <i>Journal of Radiation Research</i> , 2016, 57, 307-311.	0.8	24
36	A Nucleoside Anticancer Drug, 1-(3-C-Ethynyl- $\beta$ -D-Ribo-Pentofuranosyl)Cytosine, Induces Depth-Dependent Enhancement of Tumor Cell Death in Spread-Out Bragg Peak (SOBP) of Proton Beam. <i>PLoS ONE</i> , 2016, 11, e0166848.	1.1	4

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37	Effect of MPS1 Inhibition on Genotoxic Stress Responses in Murine Tumour Cells. <i>Anticancer Research</i> , 2016, 36, 2783-92.	0.5	6
38	Downregulation of the DNA repair enzyme apurinic/apyrimidinic endonuclease 1 stimulates transforming growth factor- $\beta$ 1 production and promotes actin rearrangement. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 35-41.	1.0	16
39	Inhibition of the mitochondrial fission protein dynamin-related protein 1 (Drp1) impairs mitochondrial fission and mitotic catastrophe after x-irradiation. <i>Molecular Biology of the Cell</i> , 2015, 26, 4607-4617.	0.9	35
40	Roles of ROS and PKC- $\beta$ II in ionizing radiation-induced eNOS activation in human vascular endothelial cells. <i>Vascular Pharmacology</i> , 2015, 70, 55-65.	1.0	28
41	Activation of eNOS in endothelial cells exposed to ionizing radiation involves components of the DNA damage response pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 541-546.	1.0	19
42	3-Methyl pyruvate enhances radiosensitivity through increasing mitochondria-derived reactive oxygen species in tumor cell lines. <i>Journal of Radiation Research</i> , 2014, 55, 455-463.	0.8	15
43	Radiosensitization of tumor cells through endoplasmic reticulum stress induced by PEGylated nanogel containing gold nanoparticles. <i>Cancer Letters</i> , 2014, 347, 151-158.	3.2	64
44	<i>In vivo</i> tumour extracellular pH monitoring using electron paramagnetic resonance: the effect of X-ray irradiation. <i>NMR in Biomedicine</i> , 2014, 27, 453-458.	1.6	14
45	Applications of the Spin-Trapping Method in Radiation Biology. , 2014, , 353-384.		0
46	The prospective application of a hypoxic radiosensitizer, doranidazole to rat intracranial glioblastoma with blood brain barrier disruption. <i>BMC Cancer</i> , 2013, 13, 106.	1.1	9
47	ER stress suppresses DNA double-strand break repair and sensitizes tumor cells to ionizing radiation by stimulating proteasomal degradation of Rad51. <i>FEBS Letters</i> , 2013, 587, 3348-3353.	1.3	92
48	Radiation-induced nitric oxide mitigates tumor hypoxia and radioresistance in a murine SCCVII tumor model. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 420-425.	1.0	29
49	Vincristine enhances amoeboid-like motility via GEF-H1/RhoA/ROCK/Myosin light chain signaling in MKN45 cells. <i>BMC Cancer</i> , 2012, 12, 469.	1.1	36
50	Roles of mitochondria-generated reactive oxygen species on X-ray-induced apoptosis in a human hepatocellular carcinoma cell line, HLE. <i>Free Radical Research</i> , 2012, 46, 1029-1043.	1.5	43
51	Ionizing radiation induces mitochondrial reactive oxygen species production accompanied by upregulation of mitochondrial electron transport chain function and mitochondrial content under control of the cell cycle checkpoint. <i>Free Radical Biology and Medicine</i> , 2012, 53, 260-270.	1.3	314
52	A nucleoside anticancer drug, 1-(3-C-ethynyl- $\beta$ -D-ribo-pentofuranosyl)cytosine (TAS106), sensitizes cells to radiation by suppressing BRCA2 expression. <i>Molecular Cancer</i> , 2011, 10, 92.	7.9	20
53	Oral administration of bovine lactoferrin upregulates neutrophil functions in a dog with familial $\beta$ 2-integrin-related neutrophil dysfunction. <i>Veterinary Immunology and Immunopathology</i> , 2011, 143, 155-161.	0.5	11
54	8-Aminoadenosine Enhances Radiation-induced Cell Death in Human Lung Carcinoma A549 Cells. <i>Journal of Radiation Research</i> , 2011, 52, 456-463.	0.8	5

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55	Phosphorylation of p66shc mediates 6-hydroxydopamine cytotoxicity. <i>Free Radical Research</i> , 2011, 45, 342-350.	1.5	7
56	Super paramagnetic iron oxide MRI shows defective Kupffer cell uptake function in non-alcoholic fatty liver disease. <i>Gut</i> , 2010, 59, 258-266.	6.1	56
57	Induction of neurite outgrowth by $\beta$ -phenyl-N-tert-butyl nitrone through nitric oxide release and Ras-ERK pathway in PC12 cells. <i>Free Radical Research</i> , 2010, 44, 645-654.	1.5	9
58	A novel copper(II) coordination at His186 in full-length murine prion protein. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 522-528.	1.0	7
59	Redox regulation in radiation-induced cytochrome c release from mitochondria of human lung carcinoma A549 cells. <i>Cancer Letters</i> , 2009, 277, 64-71.	3.2	91
60	Canine neutrophil dysfunction caused by downregulation of $\beta$ 2-integrin expression without mutation. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 187-196.	0.5	9
61	3P-016 Fibril formation of mouse prion mutants (Protein:Structure, The 47th Annual Meeting of the Tj ETQq1 1 0.784314 rgBT / Overlock 0,0	0.0	0
62	Visualization of the protective ability of a free radical trapping compound against rat C6 and F98 gliomas with diffusion tensor fiber tractography. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 574-587.	1.9	25
63	Proinsulin C-peptide abrogates type 1 diabetes-induced increase of renal endothelial nitric oxide synthase in rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 331-338.	1.7	33
64	Inhibition of HIF-1 $\alpha$ by the anticancer drug TAS106 enhances X-ray-induced apoptosis in vitro and in vivo. <i>British Journal of Cancer</i> , 2008, 99, 1442-1452.	2.9	31
65	Neuron is the primary target of Ca <sup>2+</sup> paradox-type insult-induced cell injury in neuron/astrocyte co-cultures. <i>Neurochemistry International</i> , 2008, 52, 887-896.	1.9	2
66	Radiation-induced apoptosis of tumor cells is facilitated by inhibition of the interaction between Survivin and Smac/DIABLO. <i>Cancer Letters</i> , 2008, 259, 71-81.	3.2	23
67	Instability of familial spongiform encephalopathy-related prion mutants. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 244-249.	1.0	13
68	Dynamics and Local Ordering of Spin-Labeled Prion Protein: An ESR Simulation Study of a Highly PH-Sensitive Site. <i>Journal of Biomolecular Structure and Dynamics</i> , 2008, 26, 355-365.	2.0	18
69	Individual Differences in the Radiosensitivity of Hematopoietic Progenitor Cells Detected in Steady-State Human Peripheral Blood. <i>Journal of Radiation Research</i> , 2008, 49, 113-121.	0.8	12
70	Effect of Bovine Lactoferrin on Functions of Activated Feline Peripheral Blood Mononuclear Cells During Chronic Feline Immunodeficiency Virus Infection. <i>Journal of Veterinary Medical Science</i> , 2008, 70, 429-435.	0.3	12
71	The Antiproliferative Effect of Bovine Lactoferrin on Canine Mammary Gland Tumor Cells. <i>Journal of Veterinary Medical Science</i> , 2008, 70, 443-448.	0.3	22
72	1P-015 pH-induced conformational change in full-length mouse prion mutants (The 46th Annual) Tj ETQq0 0 0 rgBT / Overlock 0,0 Tf 50 6	0.0	0

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73	Purvalanol A induces apoptosis and downregulation of antiapoptotic proteins through abrogation of phosphorylation of JAK2/STAT3 and RNA polymerase II. <i>Anti-Cancer Drugs</i> , 2008, 19, 565-572.	0.7	10
74	X Irradiation Combined with TNF $\alpha$ -related Apoptosis-inducing Ligand (TRAIL) Reduces Hypoxic Regions of Human Gastric Adenocarcinoma Xenografts in SCID Mice. <i>Journal of Radiation Research</i> , 2008, 49, 153-161.	0.8	11
75	Regulation of Cell Survival and Death Signals Induced by Oxidative Stress. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008, 43, 51-57.	0.6	51
76	A BOLD-fMRI study of cerebral activation induced by injection of algescic chemical substances into the anesthetized rat forepaw. <i>Japanese Journal of Veterinary Research</i> , 2008, 56, 99-107.	0.7	8
77	Costimulatory Effects of Complement Receptor Type 3 and Fc Receptor for IgG (Fc.GAMMA.R) on Superoxide Production and Signal Transduction in Bovine Neutrophils. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 993-997.	0.3	7
78	Effects of Leptin and Tumor Necrosis Factor- $\alpha$ on Degranulation and Superoxide Production of Polymorphonuclear Neutrophils from Holstein Cows. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 125-131.	0.3	3
79	Purvalanol A Enhances Cell Killing by Inhibiting Up-Regulation of CDC2 Kinase Activity in Tumor Cells Irradiated with High Doses of X Rays. <i>Radiation Research</i> , 2007, 167, 563-571.	0.7	13
80	Enhancement of Cell Death by TNF $\alpha$ -related Apoptosis-inducing Ligand (TRAIL) in Human Lung Carcinoma A549 Cells Exposed to X Rays under Hypoxia. <i>Journal of Radiation Research</i> , 2007, 48, 461-468.	0.8	7
81	A New Amphiphilic Derivative, $1,1$ -bis(4-(Lactobionamido)methyl)benzylidene- $2,2$ -bis(octylsulfanyl)ethylamine Oxide, Has a Protective Effect Against Copper-Induced Fulminant Hepatitis in Long-Evans Cinnamon Rats at an Extremely Low Concentration Compared with Its Original Form $1,1$ -bis(phenyl)- $2,2$ -bis(tert-butyl) Nitron. <i>Chemistry and Biodiversity</i> , 2007, 4, 2253-2267.	1.0	11
82	Treatment Combining X-Irradiation and a Ribonucleoside Anticancer Drug, TAS106, Effectively Suppresses the Growth of Tumor Cells Transplanted in Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 218-228.	0.4	14
83	Oral administration of Antioxidant Biofactor (AOB $\phi$ ) ameliorates ischemia/reperfusion-induced neuronal death in the gerbil. <i>BioFactors</i> , 2007, 29, 113-121.	2.6	8
84	Synthesis and characterization of a practically better DEPMPO-type spin trap, 5-(2,2-dimethyl-1,3-propoxy cyclophosphoryl)-5-methyl-1-pyrrolineN-oxide (CYPMPO). <i>Free Radical Research</i> , 2006, 40, 1166-1172.	1.5	102
85	Involvement of protein kinase C $\delta$ in the activation of NADPH oxidase and the phagocytosis of neutrophils. <i>Free Radical Research</i> , 2006, 40, 359-367.	1.5	20
86	Identification of pH-sensitive regions in the mouse prion by the cysteine-scanning spin-labeling ESR technique. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 549-556.	1.0	18
87	Effects of Ceramide Inhibition on Radiation-induced Apoptosis in Human Leukemia MOLT-4 Cells. <i>Journal of Radiation Research</i> , 2006, 47, 19-25.	0.8	16
88	The Effects of (-)-Epigallocatechin-3-Gallate on the Proliferation and Differentiation of Human Megakaryocytic Progenitor Cells. <i>Journal of Radiation Research</i> , 2006, 47, 213-220.	0.8	11
89	Magnetic Resonance Imaging of Alveolar Echinococcosis Experimentally Induced in the Rat Lung. <i>Journal of Veterinary Medical Science</i> , 2006, 68, 15-20.	0.3	12
90	Effects of Overexpression and Antisense RNA Expression of Orf17, a MutT-Type Enzyme. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1087-1091.	0.6	10

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91	Inhibition of cell proliferation by SARS-CoV infection in Vero E6 cells. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 236-243.	2.7	23
92	Lipid raft disruption prevents apoptosis induced by 2-chloro-2- $\beta$ -deoxyadenosine (Cladribine) in leukemia cell lines. <i>Leukemia Research</i> , 2006, 30, 1555-1561.	0.4	10
93	Dual inhibition of protein phosphatase-1/2A and calpain rescues nerve growth factor-differentiated PC12 cells from oxygen-glucose deprivation-induced cell death. <i>Journal of Neuroscience Research</i> , 2006, 83, 459-468.	1.3	9
94	Reactive oxygen species mediate shear stress-induced fluid-phase endocytosis in vascular endothelial cells. <i>Free Radical Research</i> , 2006, 40, 167-174.	1.5	15
95	Regeneration of Megakaryocytopoiesis and Thrombopoiesis In Vitro from X-Irradiated Human Hematopoietic Stem Cells. <i>Radiation Research</i> , 2006, 166, 345-351.	0.7	19
96	Post-irradiation hypoxic incubation of X-irradiated MOLT-4 cells reduces apoptotic cell death by changing the intracellular redox state and modulating SAPK/JNK pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 557-567.	2.2	14
97	Enhanced Induction of Apoptosis by Combined Treatment of Human Carcinoma Cells with X Rays and Death Receptor Agonists. <i>Journal of Radiation Research</i> , 2005, 46, 103-110.	0.8	27
98	Different Radiosensitive Megakaryocytic Progenitor Cells Exist in Steady-State Human Peripheral Blood. <i>Radiation Research</i> , 2005, 164, 10-16.	0.7	5
99	X Irradiation Induces the Proapoptotic State Independent of the Loss of Clonogenic Ability in Chinese Hamster V79 Cells. <i>Radiation Research</i> , 2005, 164, 36-44.	0.7	13
100	Conformational change in full-length mouse prion: A site-directed spin-labeling study. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 785-792.	1.0	14
101	Reduction of concanavalin A-induced expression of interferon- $\gamma$ by bovine lactoferrin in feline peripheral blood mononuclear cells. <i>Veterinary Immunology and Immunopathology</i> , 2005, 105, 75-84.	0.5	15
102	Activation of C-Kit by Stem Cell Factor Induces Radioresistance to Apoptosis through ERK-dependent Expression of Survivin in HL60 Cells. <i>Journal of Radiation Research</i> , 2004, 45, 557-561.	0.8	31
103	Decreased apoptosis of $\beta$ 2-integrin-deficient bovine neutrophils. <i>Immunology and Cell Biology</i> , 2004, 82, 32-37.	1.0	4
104	Effects of antioxidants on X-ray- or hyperthermia-induced apoptosis in human lymphoma U937 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2004, 9, 757-763.	2.2	22
105	A Novel Anticancer Ribonucleoside, 1-(3-C-Ethynyl- $\beta$ -D-ribo-pentofuranosyl)Cytosine, Enhances Radiation-Induced Cell Death in Tumor Cells. <i>Radiation Research</i> , 2004, 162, 635-645.	0.7	16
106	Phosphoinositide 3-kinase regulates the phosphorylation of NADPH oxidase component p47phox by controlling cPKC/PKC $\zeta$ but not Akt. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 720-730.	1.0	69
107	Protection against malonate-induced ischemic brain injury in rat by a cell-permeable peptidic c-Jun N-terminal kinase inhibitor, (L)-HIV-TAT48-57-PP-JBD20, observed by the apparent diffusion coefficient mapping magnetic resonance imaging method. <i>Neuroscience Letters</i> , 2004, 359, 57-60.	1.0	12
108	Characterization of JNK-like protein derived from a mosquito cell line, C6/36. <i>Insect Molecular Biology</i> , 2003, 12, 61-66.	1.0	16

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109	Redox Regulation of PI3K/Akt and p53 in Bovine Aortic Endothelial Cells Exposed to Hydrogen Peroxide. Antioxidants and Redox Signaling, 2003, 5, 713-722.	2.5	50
110	Extracellular Signal-regulated Kinase 1/2 is Involved in the Activation of NADPH Oxidase Induced by FMLP Receptor but not by Complement Receptor 3 in Rat Neutrophils. Free Radical Research, 2003, 37, 665-671.	1.5	12
111	Protective Effects of Thrombopoietin and Stem Cell Factor on X-Irradiated CD34+Megakaryocytic Progenitor Cells from Human Placental and Umbilical Cord Blood. Radiation Research, 2003, 160, 210-216.	0.7	12
112	The Plasma Superoxide Scavenging Activity in Canine Cancer and Hepatic Disease. Journal of Veterinary Medical Science, 2003, 65, 465-469.	0.3	5
113	Induction of Apoptosis through the Activation of SAPK/JNK Followed by the Expression of Death Receptor Fas in X-irradiated Cells. Journal of Radiation Research, 2003, 44, 203-209.	0.8	43
114	Ca <sup>2+</sup> -dependent and Caspase-3-independent Apoptosis Caused by Damage in Golgi Apparatus due to 2,4,5,7-Tetrabromorhodamine 123 Bromide-induced Photodynamic Effects. Photochemistry and Photobiology, 2003, 78, 241-247.	1.3	3
115	Ca <sup>2+</sup> -dependent and Caspase-3-independent Apoptosis Caused by Damage in Golgi Apparatus due to 2,4,5,7-Tetrabromorhodamine 123 Bromide-induced Photodynamic Effects. Photochemistry and Photobiology, 2003, 78, 241.	1.3	26
116	Magnetic resonance imaging and immunoblot analyses in rats with experimentally induced cerebral alveolar echinococcosis. Comparative Medicine, 2003, 53, 649-56.	0.4	8
117	Roles of Protein Kinase C $\delta$ in the Accumulation of P53 and the Induction of Apoptosis in H <sub>2</sub> O <sub>2</sub> -treated Bovine Endothelial Cells. Free Radical Research, 2002, 36, 1147-1153.	1.5	48
118	Hypoxia and etanidazole alter radiation-induced apoptosis in HL60 cells but not in MOLT-4 cells. International Journal of Radiation Biology, 2002, 78, 267-274.	1.0	14
119	Protein synthesis-dependent apoptotic signalling pathway in X-irradiated MOLT-4 human leukaemia cell line. International Journal of Radiation Biology, 2002, 78, 115-124.	1.0	26
120	Effects of the Combination of Thrombopoietin with Cytokines on the Survival of X-Irradiated CD34+Megakaryocytic Progenitor Cells from Normal Human Peripheral Blood. Radiation Research, 2002, 158, 202-209.	0.7	16
121	Relationship between p38 mitogen-activated protein kinase and small GTPase Rac for the activation of NADPH oxidase in bovine neutrophils. Biochemical and Biophysical Research Communications, 2002, 293, 1571-1578.	1.0	40
122	Assessment of neuroprotective ability of a spin trap, 1-phenyl-N-tert-butyl-nitron, against malonate-induced ischemic injury of rat brain by apparent water diffusion coefficient mapping. Neuroscience Letters, 2002, 329, 281-284.	1.0	9
123	Relationship between the activation of cyclic AMP responsive element binding protein and ischemic tolerance in the penumbra region of rat cerebral cortex. Neuroscience Letters, 2002, 331, 13-16.	1.0	35
124	Radiation-chemical Properties of the Hypoxic Cell Radiosensitizer Doranidazole (PR-350). Journal of Radiation Research, 2002, 43, 77-77.	0.8	9
125	Effects of amifostine on the proliferation and differentiation of megakaryocytic progenitor cells. European Journal of Pharmacology, 2002, 437, 19-25.	1.7	8
126	ESR detection of intraphagosomal superoxide in polymorphonuclear leukocytes using 5-(diethoxyphosphoryl)-5-methyl-1-pyrroline-N-oxide. Free Radical Research, 2001, 34, 81-92.	1.5	18



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127	Isolation, Characterization, and cDNA Cloning of Chicken Turpentine-induced Protein, a New Member of the Scavenger Receptor Cysteine-rich (SRCR) Family of Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 9400-9405.	1.6	25
128	Induction of Neurite Outgrowth in PC12 Cells by $\hat{\pm}$ -Phenyl-N-tert-butylnitron through Activation of Protein Kinase C and the Ras-Extracellular Signal-regulated Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 32779-32785.	1.6	42
129	SUPEROXIDE GENERATION FROM HUMAN POLYMORPHONUCLEAR LEUKOCYTES BY LIPOSOME-ENCAPSULATED HEMOGLOBIN. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2001, 29, 275-283.	0.9	0
130	p38 MAPK and Ca <sup>2+</sup> contribute to hydrogen peroxide-induced increase of permeability in vascular endothelial cells but ERK does not. <i>Free Radical Research</i> , 2001, 35, 519-527.	1.5	39
131	2-Chloro-2 $\hat{\epsilon}$ -deoxyadenosine induces apoptosis through the Fas/Fas ligand pathway in human leukemia cell line MOLT-4. <i>Leukemia</i> , 2000, 14, 299-306.	3.3	51
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