

Naoki Kunugita

List of Publications by Citations

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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.

146 papers	3,439 citations	31 h-index	52 g-index
181 ext. papers	3,993 ext. citations	3.1 avg, IF	5.32 L-index

#	Paper	IF	Citations
146	Carbonyl compounds generated from electronic cigarettes. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 11192-200	4.6	166
145	Determination of carbonyl compounds generated from the E-cigarette using coupled silica cartridges impregnated with hydroquinone and 2,4-dinitrophenylhydrazine, followed by high-performance liquid chromatography. <i>Analytical Sciences</i> , 2013 , 29, 1219-22	1.7	141
144	Heat-not-burn tobacco product use in Japan: its prevalence, predictors and perceived symptoms from exposure to secondhand heat-not-burn tobacco aerosol. <i>Tobacco Control</i> , 2018 , 27, e25-e33	5.3	136
143	Aldehyde dehydrogenase (ALDH) 2 associates with oxidation of methoxyacetaldehyde; in vitro analysis with liver subcellular fraction derived from human and Aldh2 gene targeting mouse. <i>FEBS Letters</i> , 2000 , 476, 306-11	3.8	119
142	Comparison of Chemicals in Mainstream Smoke in Heat-not-burn Tobacco and Combustion Cigarettes. <i>Journal of UOEH</i> , 2017 , 39, 201-207	1.6	100
141	Genetic polymorphisms of tobacco- and alcohol-related metabolizing enzymes and oral cavity cancer. <i>International Journal of Cancer</i> , 1999 , 83, 606-9	7.5	97
140	Awareness and use of electronic cigarettes and heat-not-burn tobacco products in Japan. <i>Addiction</i> , 2016 , 111, 706-13	4.6	94
139	Climbing exercise enhances osteoblast differentiation and inhibits adipogenic differentiation with high expression of PTH/PTHrP receptor in bone marrow cells. <i>Bone</i> , 2008 , 43, 613-20	4.7	73
138	Derivatization of carbonyl compounds with 2,4-dinitrophenylhydrazine and their subsequent determination by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 1282-9	3.2	72
137	PM2.5 collected in China causes inflammatory and oxidative stress responses in macrophages through the multiple pathways. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 45, 362-9	5.8	72
136	AKT-mediated enhanced aerobic glycolysis causes acquired radioresistance by human tumor cells. <i>Radiotherapy and Oncology</i> , 2014 , 112, 302-7	5.3	69
135	Determination of acrolein and other carbonyls in cigarette smoke using coupled silica cartridges impregnated with hydroquinone and 2,4-dinitrophenylhydrazine. <i>Journal of Chromatography A</i> , 2010 , 1217, 4383-8	4.5	67
134	The significance of the homozygous CYP2A6 deletion on nicotine metabolism: a new genotyping method of CYP2A6 using a single PCR-RFLP. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 146-51	3.4	67
133	Inhalation of low-level formaldehyde increases the Bcl-2/Bax expression ratio in the hippocampus of immunologically sensitized mice. <i>NeuroImmunoModulation</i> , 2006 , 13, 63-8	2.5	64
132	CYP2A6*6, a novel polymorphism in cytochrome p450 2A6, has a single amino acid substitution (R128Q) that inactivates enzymatic activity. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17830-5	5.4	63
131	Gaseous chemical compounds in indoor and outdoor air of 602 houses throughout Japan in winter and summer. <i>Environmental Research</i> , 2015 , 137, 364-72	7.9	62
130	Measurement of the physical properties of aerosols in a fullerene factory for inhalation exposure assessment. <i>Journal of Occupational and Environmental Hygiene</i> , 2008 , 5, 380-9	2.9	62

129	Determination of Chemical Compounds Generated from Second-generation E-cigarettes Using a Sorbent Cartridge Followed by a Two-step Elution Method. <i>Analytical Sciences</i> , 2016 , 32, 549-55	1.7	59
128	Expression of cytochrome P450 in tumor tissues and its association with cancer development. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 1967-76	2.8	55
127	Simple Determination of Gaseous and Particulate Compounds Generated from Heated Tobacco Products. <i>Chemical Research in Toxicology</i> , 2018 , 31, 585-593	4	51
126	Determination of Carbonyl Compounds Generated from the Electronic Cigarette Using Coupled Silica Cartridges Impregnated with Hydroquinone and 2,4-Dinitrophenylhydrazine. <i>Bunseki Kagaku</i> , 2011 , 60, 791-797	0.2	49
125	Differential immunogenic and neurogenic inflammatory responses in an allergic mouse model exposed to low levels of formaldehyde. <i>Toxicology</i> , 2004 , 197, 1-13	4.4	48
124	Study Profile: The Japan "Society and New Tobacco" Internet Survey (JASTIS): A Longitudinal Internet Cohort Study of Heat-Not-Burn Tobacco Products, Electronic Cigarettes, and Conventional Tobacco Products in Japan. <i>Journal of Epidemiology</i> , 2019 , 29, 444-450	3.4	46
123	Assessment of inhalation exposure to indoor air pollutants: Screening for health risks of multiple pollutants in Japanese dwellings. <i>Environmental Research</i> , 2016 , 145, 39-49	7.9	44
122	Effect of prolonged exposure to low concentrations of formaldehyde on the corticotropin releasing hormone neurons in the hypothalamus and adrenocorticotrophic hormone cells in the pituitary gland in female mice. <i>Brain Research</i> , 2004 , 1013, 107-16	3.7	41
121	Disruption of the p53 gene results in preserved trabecular bone mass and bone formation after mechanical unloading. <i>Journal of Bone and Mineral Research</i> , 2002 , 17, 119-27	6.3	41
120	Mitochondrial reactive oxygen species perturb AKT/cyclin D1 cell cycle signaling via oxidative inactivation of PP2A in lowdose irradiated human fibroblasts. <i>Oncotarget</i> , 2016 , 7, 3559-70	3.3	40
119	Effect of long-term exposure to low-level toluene on airway inflammatory response in mice. <i>Toxicology Letters</i> , 2007 , 168, 132-9	4.4	38
118	Prevalence and Characteristics of Chemical Intolerance: A Japanese Population-Based Study. <i>Archives of Environmental and Occupational Health</i> , 2015 , 70, 341-53	2	36
117	Acute arsenite-induced 8-hydroxyguanine is associated with inhibition of repair activity in cultured human cells. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 924-30	3.4	36
116	Determination of Thermal Decomposition Products Generated from E-Cigarettes. <i>Chemical Research in Toxicology</i> , 2020 , 33, 576-583	4	31
115	Public health activities for mitigation of radiation exposures and risk communication challenges after the Fukushima nuclear accident. <i>Journal of Radiation Research</i> , 2015 , 56, 422-9	2.4	31
114	Environmental NO2 concentration and exposure in daily life along main roads in Tokyo. <i>Environmental Research</i> , 2002 , 89, 236-44	7.9	31
113	Optimal waist circumference cut-off points and ability of different metabolic syndrome criteria for predicting diabetes in Japanese men and women: Japan Epidemiology Collaboration on Occupational Health Study. <i>BMC Public Health</i> , 2016 , 16, 220	4.1	30
112	Severe mitochondrial damage associated with low-dose radiation sensitivity in ATM- and NBS1-deficient cells. <i>Cell Cycle</i> , 2016 , 15, 1099-107	4.7	30

111	Low dose radiation-induced adaptive survival response in mouse spleen T-lymphocytes in vivo. <i>Journal of Radiation Research</i> , 1993 , 34, 269-76	2.4	30
110	Prevalence of diabetes and pre-diabetes among workers: Japan Epidemiology Collaboration on Occupational Health Study. <i>Diabetes Research and Clinical Practice</i> , 2014 , 106, 118-27	7.4	28
109	Simultaneous determination of volatile organic compounds and carbonyls in mainstream cigarette smoke using a sorbent cartridge followed by two-step elution. <i>Journal of Chromatography A</i> , 2013 , 1314, 31-7	4.5	28
108	The role of cyclin D1 in response to long-term exposure to ionizing radiation. <i>Cell Cycle</i> , 2013 , 12, 2738-43	4.7	28
107	Effects of inhaled 1-bromopropane vapor on rat metabolism. <i>Toxicology Letters</i> , 2002 , 134, 237-43	4.4	28
106	Mitochondrial reactive oxygen species-mediated genomic instability in low-dose irradiated human cells through nuclear retention of cyclin D1. <i>Cell Cycle</i> , 2016 , 15, 1410-4	4.7	28
105	Hba1c, Blood Pressure, and Lipid Control in People with Diabetes: Japan Epidemiology Collaboration on Occupational Health Study. <i>PLoS ONE</i> , 2016 , 11, e0159071	3.7	27
104	Increased hippocampal mRNA expression of neuronal synaptic plasticity related genes in mice chronically exposed to toluene at a low-level human occupational-exposure. <i>NeuroToxicology</i> , 2007 , 28, 168-74	4.4	26
103	Rapid increase in heated tobacco product (HTP) use from 2015 to 2019: from the Japan 'Society and New Tobacco' Internet Survey (JASTIS). <i>Tobacco Control</i> , 2020 ,	5.3	25
102	A comparison of radiation-induced mitochondrial damage between neural progenitor stem cells and differentiated cells. <i>Cell Cycle</i> , 2017 , 16, 565-573	4.7	24
101	Sequential changes in transforming growth factor (TGF)-beta1 concentration in synovial fluid and mRNA expression of TGF-beta1 receptors in chondrocytes after immobilization of rabbit knees. <i>Journal of Bone and Mineral Metabolism</i> , 2001 , 19, 228-35	2.9	24
100	Smoking, Smoking Cessation, and the Risk of Type 2 Diabetes among Japanese Adults: Japan Epidemiology Collaboration on Occupational Health Study. <i>PLoS ONE</i> , 2015 , 10, e0132166	3.7	23
99	The effects of radio-frequency electromagnetic fields on T cell function during development. <i>Journal of Radiation Research</i> , 2015 , 56, 467-74	2.4	21
98	The indoor air pollutant 2-ethyl-hexanol activates CD4 cells. <i>Chemico-Biological Interactions</i> , 2009 , 177, 137-41	5	21
97	Improved measurement of ozone and carbonyls using a dual-bed sampling cartridge containing trans-1,2-bis(2-pyridyl)ethylene and 2,4-dinitrophenylhydrazine-impregnated silica. <i>Analytical Chemistry</i> , 2009 , 81, 6552-7	7.8	20
96	Radiation-Induced Myofibroblasts Promote Tumor Growth via Mitochondrial ROS-Activated TGF β Signaling. <i>Molecular Cancer Research</i> , 2018 , 16, 1676-1686	6.6	19
95	Determination of nicotine, tar, volatile organic compounds and carbonyls in mainstream cigarette smoke using a glass filter and a sorbent cartridge followed by the two-phase/one-pot elution method with carbon disulfide and methanol. <i>Journal of Chromatography A</i> , 2015 , 1426, 48-55	4.5	19
94	Up-regulation of neurotrophin-related gene expression in mouse hippocampus following low-level toluene exposure. <i>NeuroToxicology</i> , 2010 , 31, 85-93	4.4	19

93	Preliminary assessment of outdoor and indoor air quality in Yangon city, Myanmar. <i>Atmospheric Pollution Research</i> , 2019 , 10, 722-730	4.5	19
92	Nuclear accumulation of cyclin D1 following long-term fractionated exposures to low-dose ionizing radiation in normal human diploid cells. <i>Cell Cycle</i> , 2014 , 13, 1248-55	4.7	18
91	A novel local ventilation system to reduce the levels of formaldehyde exposure during a gross anatomy dissection course and its evaluation using real-time monitoring. <i>Journal of Occupational Health</i> , 2005 , 47, 450-3	2.3	18
90	Smoking, Smoking Cessation, and the Risk of Hearing Loss: Japan Epidemiology Collaboration on Occupational Health Study. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 481-488	4.9	18
89	Differential mRNA expression of neuroimmune markers in the hippocampus of infant mice following toluene exposure during brain developmental period. <i>Journal of Applied Toxicology</i> , 2012 , 32, 126-34	4.1	17
88	ATM-mediated mitochondrial damage response triggered by nuclear DNA damage in normal human lung fibroblasts. <i>Cell Cycle</i> , 2017 , 16, 2345-2354	4.7	16
87	Overtime work and prevalence of diabetes in Japanese employees: Japan epidemiology collaboration on occupational health study. <i>PLoS ONE</i> , 2014 , 9, e95732	3.7	16
86	Effects of low-level formaldehyde exposure on synaptic plasticity-related gene expression in the hippocampus of immunized mice. <i>Journal of Neuroimmunology</i> , 2007 , 186, 104-11	3.5	16
85	Radiotherapy after hyperbaric oxygenation improves radioresponse in experimental tumor models. <i>Cancer Letters</i> , 2001 , 164, 149-54	9.9	16
84	Effect of the Fukushima nuclear power plant accident on radioiodine (^{131}I) content in human breast milk. <i>Journal of Obstetrics and Gynaecology Research</i> , 2012 , 38, 772-9	1.9	15
83	The in vivo Pig-a gene mutation assay is useful for evaluating the genotoxicity of ionizing radiation in mice. <i>Environmental and Molecular Mutagenesis</i> , 2012 , 53, 579-88	3.2	15
82	Does early life toluene exposure alter the expression of NMDA receptor subunits and signal transduction pathway in infant mouse hippocampus?. <i>NeuroToxicology</i> , 2010 , 31, 647-53	4.4	15
81	Effects of strong magnetic fields on cell growth and radiation response of human T-lymphocytes in culture. <i>Journal of UOEH</i> , 1993 , 15, 103-12	1.6	15
80	Current status of health among workers in Japan: Results from the Japan Epidemiology Collaboration on Occupational Health Study. <i>Industrial Health</i> , 2016 , 54, 505-514	2.5	15
79	Analysis of 8-hydroxydeoxyguanosine 5'-monophosphate (8-OH-dGMP) as a reliable marker of cellular oxidative DNA damage after gamma-irradiation. <i>Environmental and Molecular Mutagenesis</i> , 2003 , 41, 332-8	3.2	14
78	Smoking, Smoking Cessation, and Risk of Mortality in a Japanese Working Population - Japan Epidemiology Collaboration on Occupational Health Study. <i>Circulation Journal</i> , 2018 , 82, 3005-3012	2.9	14
77	Duration and degree of weight change and risk of incident diabetes: Japan Epidemiology Collaboration on Occupational Health Study. <i>Preventive Medicine</i> , 2017 , 96, 118-123	4.3	13
76	Effects of 21-kHz intermediate frequency magnetic fields on blood properties and immune systems of juvenile rats. <i>International Journal of Radiation Biology</i> , 2014 , 90, 1211-7	2.9	13

75	Long-term exposure to low levels of formaldehyde increases the number of tyrosine hydroxylase-immunopositive periglomerular cells in mouse main olfactory bulb. <i>Brain Research</i> , 2004 , 1007, 192-7	3.7	13
74	Electronic Cigarette Use and Smoking Abstinence in Japan: A Cross-Sectional Study of Quitting Methods. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	12
73	Indoor volatile organic compounds and chemical sensitivity reactions. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 623812		12
72	Role of hippocampal TLR4 in neurotoxicity in mice following toluene exposure. <i>Neurotoxicology and Teratology</i> , 2011 , 33, 598-602	3.9	12
71	Intratracheal administration of fullerene nanoparticles activates splenic CD11b+ cells. <i>Journal of Hazardous Materials</i> , 2011 , 194, 324-30	12.8	12
70	New approach to risk assessment of central neurotoxicity induced by 1-bromopropane using animal models. <i>NeuroToxicology</i> , 2007 , 28, 270-3	4.4	12
69	Comparison of the frequency of T-cell receptor mutants and thioguanine resistance induced by X-rays and ethylnitrosourea in cultured human blood T-lymphocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996 , 357, 191-7	3.3	12
68	Radiation occupational health interventions offered to radiation workers in response to the complex catastrophic disaster at the Fukushima Daiichi Nuclear Power Plant. <i>Journal of Radiation Research</i> , 2015 , 56, 413-21	2.4	11
67	A diffusive sampling device for simultaneous determination of ozone and carbonyls. <i>Analytica Chimica Acta</i> , 2011 , 691, 119-24	6.6	11
66	Suppression of Th1- and Th2-type immune responses in infant mouse spleen after prenatal and postnatal exposure to low-level toluene and peptidoglycan. <i>Inhalation Toxicology</i> , 2009 , 21, 793-802	2.7	11
65	Increased frequencies of micronucleated reticulocytes and T-cell receptor mutation in Aldh2 knockout mice exposed to acetaldehyde. <i>Journal of Toxicological Sciences</i> , 2008 , 33, 31-6	1.9	11
64	Changes in the function of the inhibitory neurotransmitter system in the rat brain following subchronic inhalation exposure to 1-bromopropane. <i>NeuroToxicology</i> , 2007 , 28, 415-20	4.4	11
63	Metabolic syndrome components and diabetes incidence according to the presence or absence of impaired fasting glucose: The Japan Epidemiology Collaboration on Occupational Health Study. <i>Journal of Epidemiology</i> , 2017 , 27, 408-412	3.4	10
62	Efficacy of hyperbaric oxygen therapy combined with mild hyperthermia for improving the anti-tumour effects of carboplatin. <i>International Journal of Hyperthermia</i> , 2015 , 31, 643-8	3.7	10
61	Exposure time-dependent thermal effects of radiofrequency electromagnetic field exposure on the whole body of rats. <i>Journal of Toxicological Sciences</i> , 2016 , 41, 655-66	1.9	10
60	Early exposure to intermediate-frequency magnetic fields alters brain biomarkers without histopathological changes in adult mice. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 4406-21	4.6	10
59	Reductive amination of glutaraldehyde 2,4-dinitrophenylhydrazone using 2-picoline borane and high-performance liquid chromatographic analysis. <i>Analyst, The</i> , 2012 , 137, 4274-9	5	10
58	Urinary 8-hydroxydeoxyguanosine (8-OHdG) and plasma malondialdehyde (MDA) levels in Aldh2 knock-out mice under acetaldehyde exposure. <i>Industrial Health</i> , 2006 , 44, 179-83	2.5	10

57	Inhalation of low-level formaldehyde enhances nerve growth factor production in the hippocampus of mice. <i>NeuroImmunoModulation</i> , 2004 , 11, 373-5	2.5	10
56	Five-year cumulative incidence of overweight and obesity, and longitudinal change in body mass index in Japanese workers: The Japan Epidemiology Collaboration on Occupational Health Study. <i>Journal of Occupational Health</i> , 2020 , 62, e12095	2.3	10
55	IN-VIVO RADIATION DOSIMETRY USING PORTABLE L BAND EPR: ON-SITE MEASUREMENT OF VOLUNTEERS IN FUKUSHIMA PREFECTURE, JAPAN. <i>Radiation Protection Dosimetry</i> , 2016 , 172, 248-253	0.9	9
54	Individual variation and age dependency in the radiosensitivity of peripheral blood T-lymphocytes from normal donors. <i>Journal of Radiation Research</i> , 1996 , 37, 235-45	2.4	9
53	Epicatechin as a promising agent to countermeasure radiation exposure by mitigating mitochondrial damage in human fibroblasts and mouse hematopoietic cells. <i>FASEB Journal</i> , 2019 , 33, 6867-6876	0.9	8
52	Factors affecting self-reported chemical intolerance: A five-year follow-up study in Japan. <i>Journal of Psychosomatic Research</i> , 2019 , 118, 1-8	4.1	8
51	A diffusive sampling device for measurement of ammonia in air. <i>Atmospheric Environment</i> , 2012 , 54, 629-633	5.3	8
50	Children's immunology, what can we learn from animal studies (2): Modulation of systemic Th1/Th2 immune response in infant mice after prenatal exposure to low-level toluene and toll-like receptor (TLR) 2 ligand. <i>Journal of Toxicological Sciences</i> , 2009 , 34 Suppl 2, SP341-8	1.9	8
49	Reduced expression of platelet endothelial cell adhesion molecule-1 in bone marrow cells in mice after skeletal unloading. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 1002-10	6.3	8
48	Ozone removal in the collection of carbonyl compounds in air. <i>Journal of Chromatography A</i> , 2012 , 1229, 293-7	4.5	7
47	Can intermediate-frequency magnetic fields affect memory function-related gene expressions in hippocampus of C57BL/6J mice?. <i>Journal of Toxicological Sciences</i> , 2013 , 38, 169-76	1.9	6
46	Strain differences influence N-methyl-D-aspartate receptor subunit gene expression in the olfactory bulb of an allergic mouse model following toluene exposure. <i>NeuroImmunoModulation</i> , 2010 , 17, 340-7	2.5	6
45	Dysregulation of immune responses in an allergic mouse model following low-level toluene exposure. <i>Toxicology</i> , 2011 , 286, 28-35	4.4	6
44	Effects of 1-bromopropane, a substitute for chlorofluorocarbons, on BDNF expression. <i>International Immunopharmacology</i> , 2009 , 9, 433-8	5.8	6
43	A comparison of the mutagenic and apoptotic effects of tritiated water and acute or chronic caesium-137 gamma exposure on spleen T lymphocytes on normal and p53-deficient mice. <i>International Journal of Radiation Biology</i> , 2009 , 85, 1082-8	2.9	6
42	Hypothalamo-pituitary-adrenal gland axis in mice inhaling toluene prior to low-level long-term exposure to formaldehyde. <i>Journal of Veterinary Medical Science</i> , 2005 , 67, 303-9	1.1	6
41	Measurement of the CD34+ Variant T Cell Frequency by Flow Cytometry after X-Irradiation on Mice. <i>Journal of Occupational Health</i> , 1996 , 38, 25-29	2.3	6
40	Indoor Formaldehyde Concentration, Personal Formaldehyde Exposure and Clinical Symptoms during Anatomy Dissection Sessions, University of Medicine 1, Yangon. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6

39	BMI and Medically Certified Long-Term Sickness Absence Among Japanese Employees. <i>Obesity</i> , 2020 , 28, 437-444	8	5
38	Analysis of isocyanates in indoor dust. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4247-4251	4.4	4
37	Persistence of red blood cells with Pig-a mutation in p53 knockout mice exposed to X-irradiation. <i>Journal of Toxicological Sciences</i> , 2014 , 39, 7-14	1.9	4
36	In Vivo Electron Paramagnetic Resonance Tooth Dosimetry: Dependence of Radiation-Induced Signal Amplitude on the Enamel Thickness and Surface Area of Ex Vivo Human Teeth. <i>Health Physics</i> , 2017 , 113, 262-270	2.3	4
35	Storage Stability of Diffusive Samplers and Application to Real Air Samples. <i>Bunseki Kagaku</i> , 2013 , 62, 603-609	0.2	4
34	Nationwide survey on pediatric CT among children of public health and school nurses to examine a possibility for a follow-up study on radiation effects. <i>Radiation Protection Dosimetry</i> , 2011 , 146, 260-2	0.9	4
33	Thymocytes are activated by toluene inhalation through the transcription factors NF- κ B, STAT5 and NF-AT. <i>Journal of Applied Toxicology</i> , 2010 , 30, 656-60	4.1	4
32	Measurement of mutant frequency in T-cell receptor (TCR) gene by flow cytometry after X-irradiation on EL-4 mice lymphoma cells. <i>Journal of Toxicological Sciences</i> , 2007 , 32, 377-86	1.9	4
31	Biological assessment of the enhancement of tritium excretion by administration of diuretics and excessive water in mice. <i>Journal of Radiation Research</i> , 1990 , 31, 361-74	2.4	4
30	Association between anthropometric indices of obesity and risk of cardiovascular disease in Japanese men. <i>Journal of Occupational Health</i> , 2020 , 62, e12098	2.3	4
29	L Band EPR Tooth Dosimetry for Heavy Ion Irradiation. <i>Radiation Protection Dosimetry</i> , 2016 , 172, 81-86	0.9	4
28	Global Analysis of Transcriptional Expression in Mice Exposed to Intermediate Frequency Magnetic Fields Utilized for Wireless Power Transfer Systems. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	3
27	Developmental stage-specific changes in immunological biomarkers in male C3H/HeN mice after early life toluene exposure. <i>Toxicology Letters</i> , 2012 , 208, 133-41	4.4	3
26	Urinary nicotine and its metabolites as a biomarker of exposure to environmental tobacco smoke. <i>Journal of UOEH</i> , 2006 , 28, 245-52	1.6	3
25	The protective role of protein L-isoaspartyl (D-aspartate) O-methyltransferase for maintenance of mitochondrial morphology in A549 cell. <i>Experimental Lung Research</i> , 2016 , 42, 245-62	2.3	2
24	Radioactive cesium (^{134}Cs and ^{137}Cs) content in human placenta after the Fukushima nuclear power plant accident. <i>Journal of Obstetrics and Gynaecology Research</i> , 2013 , 39, 1406-10	1.9	2
23	Occupational radiation dose to the lens of the eye of medical staff who assist in diagnostic CT scans. <i>Heliyon</i> , 2021 , 7, e06063	3.6	2
22	Development and assessment of an educational application for the proper use of ceiling-suspended radiation shielding screens in angiography rooms using augmented reality technology. <i>European Journal of Radiology</i> , 2021 , 143, 109925	4.7	2

21	Examination of the Nicotine Analysis by GC/MS and a Comparison with the Regulating Method. <i>Bunseki Kagaku</i> , 2013 , 62, 253-257	0.2	1
20	Prolonged increase in T-cell receptor (TCR) variant fractions of spleen T lymphocytes in pregnant mice after gamma irradiation. <i>Radiation Research</i> , 2007 , 168, 81-6	3.1	1
19	Determination of in vivo and in vitro radiosensitivity of mouse splenic T-lymphocytes using a T-cell cloning technique. <i>Journal of UOEH</i> , 1989 , 11, 13-22	1.6	1
18	A multicenter study of radiation doses to the eye lenses of clinical physicians performing radiology procedures in Japan. <i>Journal of Occupational Health</i> , 2021 , 63, e12305	2.3	1
17	Metabolic syndrome and the increased risk of medically-certified long-term sickness absence: a prospective analysis among Japanese workers. <i>Journal of Epidemiology</i> , 2021 ,	3.4	1
16	Visit-to-visit variability of blood pressure and cardiovascular events among the working-age population in Japan: findings from the Japan Epidemiology Collaboration on Occupational Health Study. <i>Hypertension Research</i> , 2021 , 44, 1017-1025	4.7	1
15	Diagnosing the double burden of malnutrition using estimated deviation values in low- and lower-middle-income countries. <i>PLoS ONE</i> , 2018 , 13, e0208525	3.7	1
14	Strategy to Reduce the Collective Equivalent Dose for the Lens of the Physician's Eye Using Short Radiation Protection Curtains to Prevent Cataracts. <i>Diagnostics</i> , 2021 , 11,	3.8	1
13	Association between Fathers' Use of Heated Tobacco Products and Urinary Cotinine Concentrations in Their Spouses and Children. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6275	4.6	1
12	Potential factors affecting chronic chemical intolerance associated with constitutional predisposition or lifestyle and environment during childhood: From a six-year follow-up study. <i>Journal of Psychosomatic Research</i> , 2021 , 151, 110665	4.1	0
11	A novel analytical method for simple and low-cost detection of isocyanates in ambient air. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 103-111	4.4	0
10	Study of the Correlation Between Multiple Chemical Sensitivity and Personality Using the Quick Environmental Exposure Sensitivity Inventory Questionnaire and the Temperament and Character Inventory. <i>Journal of Occupational and Environmental Medicine</i> , 2020 , 62, e348-e354	2	0
9	Experimental Evaluation of Scattered X-Ray Spectra due to X-Ray Therapeutic and Diagnosis Equipment for Eye Lens Dosimetry of Medical Staff. <i>Journal of Radiation Protection and Research</i> , 2022 , 47, 39-49	0.7	0
8	Fukushima Nuclear Disaster: Emergency Response to the Disaster 2019 , 96-106		
7	Fukushima Nuclear Disaster Monitoring and Risk Assessment 2019 , 107-120		
6	Simultaneous Determination of Ozone and Carbonyl Compounds Using trans-1,2-Bis(2-pyridyl)ethylene-impregnated Glass Fiber Filter Followed by 2,4-Dinitrophenylhydrazine-impregnated Silica Cartridge. <i>Bunseki Kagaku</i> , 2017 , 66, 727-734	0.2	
5	SVOC Concentrations in House dust and Residential Environment in Japanese Houses. <i>E3S Web of Conferences</i> , 2019 , 111, 06060	0.5	
4	Measurement of Gaseous Chemical Compounds in Indoor and Outdoor Air in Sapporo City Using Four Types of Diffusive Sampling Devices. <i>Bunseki Kagaku</i> , 2015 , 64, 55-63	0.2	

3	Different sensitivity in expression of transcription factor mRNAs in congenic mice following exposure to low-level toluene. <i>Inhalation Toxicology</i> , 2010 , 22, 903-9	2.7
2	Influence of donor age on the cytotoxicity and mutagenicity of ethylnitrosourea in cultured human T-lymphocytes. <i>Journal of UOEH</i> , 1997 , 19, 133-45	1.6
1	Radiotherapy for Aged Patients with Non-small Cell Lung Cancer.. <i>Japanese Journal of Lung Cancer</i> , 1994 , 34, 497-502	0.1