

Yasunobu Aoki

List of Publications by Year in descending order

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41
papers

1,171
citations

567281

15
h-index

377865

34
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42
all docs

42
docs citations

42
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated DNA Adduct Formation in the Lung of the Nrf2 Knockout Mouse Exposed to Diesel Exhaust. <i>Toxicology and Applied Pharmacology</i> , 2001, 173, 154-160.	2.8	275
2	Statement on advancing the assessment of chemical mixtures and their risks for human health and the environment. <i>Environment International</i> , 2020, 134, 105267.	10.0	165
3	The complete DNA sequence of the mitochondrial genome of the self-fertilizing fish <i>Rivulus marmoratus</i> (Cyprinodontiformes, Rivulidae) and the first description of duplication of a control region in fish. <i>Gene</i> , 2001, 280, 1-7.	2.2	89
4	Transgenic zebrafish for detecting mutations caused by compounds in aquatic environments. <i>Nature Biotechnology</i> , 2000, 18, 62-65.	17.5	88
5	Increase in mutation frequency in lung of Big Blue(R) rat by exposure to diesel exhaust. <i>Carcinogenesis</i> , 2000, 21, 653-661.	2.8	86
6	Enhanced Spontaneous and Benzo(a)pyrene-Induced Mutations in the Lung of Nrf2-Deficient gpt Delta Mice. <i>Cancer Research</i> , 2007, 67, 5643-5648.	0.9	70
7	Protective role of metallothionein in renal toxicity of cisplatin. <i>Cancer Chemotherapy and Pharmacology</i> , 1997, 40, 358-362.	2.3	47
8	In vivo mutagenesis induced by benzo[a]pyrene instilled into the lung of gpt delta transgenic mice. <i>Environmental and Molecular Mutagenesis</i> , 2005, 45, 365-373.	2.2	27
9	Atmospheric concentration and carcinogenic risk of polycyclic aromatic hydrocarbons including benzo[c]fluorene, cyclopenta[c,d]pyrene, and benzo[j]fluoranthene in Japan. <i>Atmospheric Environment</i> , 2015, 115, 263-268.	4.1	27
10	Mutations in the lungs of gpt delta transgenic mice following inhalation of diesel exhaust. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 682-693.	2.2	26
11	In vivo mutagenicity of arsenite in the livers of gpt delta transgenic mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 760, 42-47.	1.7	26
12	Mutational spectra of benzo[a]pyrene and MeIQx in rpsL transgenic zebrafish embryos. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 513, 83-92.	1.7	23
13	Expression of glutathione S-transferase P-form in primary cultured rat liver parenchymal cells by coplanar polychlorinated biphenyl congeners is suppressed by protein kinase inhibitors and dexamethasone. <i>FEBS Letters</i> , 1993, 333, 114-118.	2.8	21
14	Inhibitory effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin on cAMP-induced differentiation of rat C6 glial cell line. <i>Journal of Neuroscience Research</i> , 2001, 64, 402-409.	2.9	19
15	Quantitative changes in glycosaminoglycans in the lungs of rats exposed to diesel exhaust. <i>Toxicology</i> , 2001, 166, 119-128.	4.2	18
16	Evaluation of in vivo mutagenesis for assessing the health risk of air pollutants. <i>Genes and Environment</i> , 2017, 39, 16.	2.1	16
17	Effects of exposure to nanoparticle-rich or -depleted diesel exhaust on allergic pathophysiology in the murine lung. <i>Journal of Toxicological Sciences</i> , 2013, 38, 35-48.	1.5	15
18	In vivo mutagenesis in the lungs of gpt-delta transgenic mice treated intratracheally with 1,6-dinitropyrene. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 277-283.	2.2	14

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19	Phosphorylation of c-Jun stimulated in primary cultured rat liver parenchymal cells by a coplanar polychlorinated biphenyl. <i>Biochemical Journal</i> , 1996, 313, 863-866.	3.7	13
20	Towards modelling of the environmental fate of pharmaceuticals using the QSPR-MM scheme. <i>Environmental Modelling and Software</i> , 2015, 72, 147-154.	4.5	13
21	DNA-adduct formation in lungs, nasal mucosa, and livers of rats exposed to urban roadside air in Kawasaki City, Japan. <i>Environmental Research</i> , 2003, 93, 36-44.	7.5	12
22	Mutant Frequency is not Increased in Mice Orally Exposed to Sodium Dichromate. <i>Food Safety (Tokyo,)</i> Tj ETQq0 0.0rgBT /Overlock 10	1.8	11
23	MNNG-induced mutations in the adult gill and hepatopancreas and in embryos of rpsL transgenic zebrafish. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 556, 151-161.	1.0	10
24	A simple method for in situ freezing of anchorage-dependent cells including rat liver parenchymal cells. <i>Cytotechnology</i> , 1991, 5, 273-277.	1.6	9
25	Oxidative-stress-driven mutagenesis in the small intestine of the gpt delta mouse induced by oral administration of potassium bromate. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 850-851, 503136.	1.7	8
26	Epidermal growth factor regulation of glutathione S-transferase gene expression in the rat is mediated by class Pi glutathione S-transferase enhancer I. <i>Biochemical Journal</i> , 2000, 349, 225-230.	3.7	6
27	Alterations in the mutagenicity and mutation spectrum induced by benzo[a]pyrene instilled in the lungs of gpt delta mice of various ages. <i>Genes and Environment</i> , 2015, 37, 7.	2.1	5
28	In Vivo Mutagenesis Caused by Diesel Exhaust in the Testis of gpt delta Transgenic Mice. <i>Genes and Environment</i> , 2009, 31, 1-8.	2.1	5
29	Frameshift mutations induced by the acridine mustard ICR-191 in embryos and in the adult gill and hepatopancreas of rpsL transgenic zebrafish. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 578, 272-283.	1.0	4
30	Characterization of cadmium-binding proteins detected in rat liver by the western blotting technique. <i>Journal of Biochemical Toxicology</i> , 1987, 2, 67-71.	0.4	3
31	Mutagenicity of 2-[2-(acetylamino)-4-[bis(2-hydroxyethyl)amino]-5-methoxyphenyl]-5-amino-7-bromo-4-chloro-2H-benzotriazole (PBTA-6) and benzo[a]pyrene (BaP) in the gill and hepatopancreas of rpsL transgenic zebrafish. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 656, 36-43.	1.7	3
32	Materials for Zebrafish Research Outreach Activities in National Institute for Environmental Studies, Japan. <i>Zebrafish</i> , 2009, 6, 127-132.	1.1	3
33	Change over time of the mutagenicity in the lungs of gpt delta transgenic mice by extract of airborne particles collected from ambient air in the Tokyo metropolitan area. <i>Genes and Environment</i> , 2018, 40, 25.	2.1	3
34	Altered protein synthesis in rat kidney cells exposed to semiconductor materials. <i>Applied Organometallic Chemistry</i> , 1994, 8, 253-258.	3.5	2
35	Analytical Chemistry related to Biofunctional Research. Detection of environmental mutagens using transgenic animals. <i>Bunseki Kagaku</i> , 2002, 51, 373-380.	0.2	2
36	Characteristic mutations induced in the small intestine of Msh2-knockout gpt delta mice. <i>Genes and Environment</i> , 2021, 43, 27.	2.1	2

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37	Health Risk Assessment of Air Pollutants: Air Pollutant Genotoxicity and Its Enhancement by Suppression of Phase II Drug-metabolizing Enzymes. <i>Genes and Environment</i> , 2012, 34, 186-190.	2.1	2
38	New era of Genes and Environment. <i>Genes and Environment</i> , 2015, 37, 5.	2.1	1
39	Contact of Nutrients, Chemicals and Health. <i>Yakugaku Zasshi</i> , 2007, 127, 397-398.	0.2	0
40	Nrf2 as a Possible Determinant of the Threshold for Carcinogenesis. , 2016,, 155-170.		0
41	A New Aspect in Toxicology. <i>Trends in the Sciences</i> , 2021, 26, 7_80-7_82.	0.0	0