

Yoshinori Okamoto

List of Publications by Year in descending order

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43
papers

700
citations

623734

14
h-index

580821

25
g-index

47
all docs

47
docs citations

47
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	PRDM14 promotes active DNA demethylation through the Ten-eleven translocation (TET)-mediated base excision repair pathway in embryonic stem cells. <i>Development (Cambridge)</i> , 2014, 141, 269-280.	2.5	113
2	Isoflavonoids with Antiestrogenic Activity from <i>Millettiapachycarpa</i> 1. <i>Journal of Natural Products</i> , 2006, 69, 138-141.	3.0	41
3	Combined Activation of Methyl Paraben by Light Irradiation and Esterase Metabolism toward Oxidative DNA Damage. <i>Chemical Research in Toxicology</i> , 2008, 21, 1594-1599.	3.3	41
4	Metabolic activation of carcinogenic ethylbenzene leads to oxidative DNA damage. <i>Chemico-Biological Interactions</i> , 2004, 150, 271-281.	4.0	40
5	DNA methylation dynamics in mouse preimplantation embryos revealed by mass spectrometry. <i>Scientific Reports</i> , 2016, 6, 19134.	3.3	38
6	Potential Risks of Phthalate Esters: Acquisition of Endocrine-disrupting Activity during Environmental and Metabolic Processing. <i>Journal of Health Science</i> , 2011, 57, 497-503.	0.9	37
7	Anti-Estrogenic Activity of Prenylated Isoflavones from <i>Millettiapachycarpa</i> : Implications for Pharmacophores and Unique Mechanisms. <i>Journal of Health Science</i> , 2006, 52, 186-191.	0.9	35
8	Anti-breast cancer potential of SS5020, a novel benzopyran antiestrogen. <i>International Journal of Cancer</i> , 2011, 128, 974-982.	5.1	32
9	A rapid screening assay for L452R and T478K spike mutations in SARS-CoV-2 Delta variant using high-resolution melting analysis. <i>Journal of Toxicological Sciences</i> , 2021, 46, 471-476.	1.5	27
10	Oxidative DNA Damage in XPC-Knockout and Its Wild Mice Treated with Equine Estrogen. <i>Chemical Research in Toxicology</i> , 2008, 21, 1120-1124.	3.3	25
11	Formation of estrogenic products from environmental phthalate esters under light exposure. <i>Chemosphere</i> , 2006, 64, 1785-1792.	8.2	24
12	Unequivocal estrogen receptor-binding affinity of phthalate esters featured with ring hydroxylation and proper alkyl chain size. <i>Archives of Biochemistry and Biophysics</i> , 2004, 431, 16-21.	3.0	21
13	Thiol-mediated multiple mechanisms centered on selenodiglutathione determine selenium cytotoxicity against MCF-7 cancer cells. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 687-694.	2.6	20
14	Development of a genotyping platform for SARS-CoV-2 variants using high-resolution melting analysis. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 1336-1341.	1.7	20
15	Anti-breast cancer potential of SS1020, a novel antiestrogen lacking estrogenic and genotoxic actions. <i>International Journal of Cancer</i> , 2010, 127, 1718-1726.	5.1	14
16	Different Mechanisms Between Copper and Iron in Catecholamines-Mediated Oxidative DNA Damage and Disruption of Gene Expression In Vitro. <i>Neurotoxicity Research</i> , 2011, 20, 84-92.	2.7	14
17	Combined Effects of Manganese, Iron, Copper, and Dopamine on Oxidative DNA Damage. <i>Journal of Health Science</i> , 2011, 57, 204-209.	0.9	13
18	Oral administration of Brazilian propolis exerts estrogenic effect in ovariectomized rats. <i>Journal of Toxicological Sciences</i> , 2015, 40, 235-242.	1.5	13

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19	DNA damage by ethylbenzenhydroperoxide formed from carcinogenic ethylbenzene by sunlight irradiation. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 638-642.	2.1	11
20	Involvement of DNA Conformational Change Induced by Rearrangement of Copper-coordination Geometry in Oxidative DNA Damages Caused by Copper and Dopamine. <i>Journal of Health Science</i> , 2009, 55, 319-323.	0.9	11
21	Transesterification in the Microbial Degradation of Phthalate Esters. <i>Journal of Health Science</i> , 2011, 57, 293-299.	0.9	11
22	Formation of DNA Damaging Product from Light-Irradiated Nonylphenol. <i>Journal of Health Science</i> , 2006, 52, 91-95.	0.9	10
23	Decreased DNA Methylation in the Shati/Nat8l Promoter in Both Patients with Schizophrenia and a Methamphetamine-Induced Murine Model of Schizophrenia-Like Phenotype. <i>PLoS ONE</i> , 2016, 11, e0157959.	2.5	9
24	Simultaneous Screening of SARS-CoV-2 Omicron and Delta Variants Using High-Resolution Melting Analysis. <i>Biological and Pharmaceutical Bulletin</i> , 2022, , .	1.4	9
25	Equine estrogen-induced mammary tumors in rats. <i>Toxicology Letters</i> , 2010, 193, 224-228.	0.8	8
26	Metabolomic analysis uncovered an association of serum phospholipid levels with estrogen-induced mammary tumors in female ACI/Seg rats. <i>Toxicology Letters</i> , 2018, 288, 65-70.	0.8	8
27	Structural properties of estrogen receptor ligand obtained by study of hydroxylated phthalate ester derivatives. <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 311-315.	4.0	7
28	Increased antitumor potential of the raloxifene prodrug, raloxifene diphosphate. <i>International Journal of Cancer</i> , 2008, 122, 2142-2147.	5.1	7
29	Novel Estrogenic Microsomal Metabolites from Phthalate Esters. <i>Journal of Health Science</i> , 2004, 50, 556-560.	0.9	6
30	Carbonyl side-chain of catechol compounds is a key structure for the suppression of copper-associated oxidative DNA damage in vitro. <i>Toxicology Letters</i> , 2010, 199, 213-217.	0.8	5
31	Selenium uptake through cystine transporter mediated by glutathione conjugation. <i>Journal of Toxicological Sciences</i> , 2017, 42, 85-91.	1.5	5
32	PCR-Based Screening Tests for SARS-CoV-2 Mutations: What Is the Best Way to Identify Variants?. <i>Clinical Chemistry</i> , 2022, 68, 1000-1001.	3.2	5
33	Production of Polyselenodipenicillamines, Unique Selenium Compounds. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 957-960.	1.3	3
34	Effects of organic and inorganic mercury(II) on gene expression via DNA conformational changes. <i>Fundamental Toxicological Sciences</i> , 2014, 1, 73-79.	0.6	3
35	Global DNA Methylation in Cord Blood as a Biomarker for Prenatal Lead and Antimony Exposures. <i>Toxics</i> , 2022, 10, 157.	3.7	3
36	Development of novel and safer anti-breast cancer agents, SS1020 and SS5020, based on a fundamental carcinogenic research. <i>Genes and Environment</i> , 2019, 41, 9.	2.1	2

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37	Carcinogenic potential of fluorinated estrogens in mammary tumorigenesis. <i>Toxicology Letters</i> , 2020, 318, 99-103.	0.8	2
38	Catecholamine oxidation-mediated transcriptional inhibition in Mn neurotoxicity. <i>Journal of Toxicological Sciences</i> , 2020, 45, 619-624.	1.5	2
39	Preparation of Oligoselenodiglutathiones and Their Suppressive Effects on Oxidative DNA Damage Induced by Catechol and Copper. <i>Journal of Health Science</i> , 2011, 57, 72-77.	0.9	1
40	Less Carcinogenic Chlorinated Estrogens Applicable to Hormone Replacement Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7222.	4.1	0
41	Examination of the Use Survey and the Usefulness of Tramadol in Cancer Pain Patients. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , 2016, 42, 69-77.	0.1	0
42	The aminoethyl group is a crucial structural moiety in metal-mediated oxidative DNA damage by catecholamines. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 171-176.	0.6	0
43	Selenium Toxicity Accelerated by Out-of-Control Response of Nrf2-xCT Pathway. <i>BPB Reports</i> , 2022, 5, 5-8.	0.3	0