

Kenichi Sakurai

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

689
citations

623574

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610775

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49
all docs

49
docs citations

49
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Bisphenol A affects glucose transport in mouse 3T3-F442A adipocytes. <i>British Journal of Pharmacology</i> , 2004, 141, 209-214.	2.7	145
2	Aquaporin 1 is required for hypoxia-inducible angiogenesis in human retinal vascular endothelial cells. <i>Microvascular Research</i> , 2008, 75, 297-301.	1.1	67
3	Neonatal Exposure to Genistein Reduces Expression of Estrogen Receptor Alpha and Androgen Receptor in Testes of Adult Mice.. <i>Endocrine Journal</i> , 2001, 48, 655-663.	0.7	42
4	Chiba study of Mother and Children's Health (C-MACH): cohort study with omics analyses. <i>BMJ Open</i> , 2016, 6, e010531.	0.8	29
5	Exploration of potential biomarkers and related biological pathways for PCB exposure in maternal and cord serum: A pilot birth cohort study in Chiba, Japan. <i>Environment International</i> , 2017, 102, 157-164.	4.8	29
6	Association between blood manganese level during pregnancy and birth size: The Japan environment and children's study (JECS). <i>Environmental Research</i> , 2019, 172, 117-126.	3.7	29
7	Alterations in urinary metabolomic profiles due to lead exposure from a lead-acid battery recycling site. <i>Environmental Pollution</i> , 2018, 242, 98-105.	3.7	26
8	The Role of the Hypoxia-Inducible Factor 1 Binding Site in the Induction of Aquaporin-1 mRNA Expression by Hypoxia. <i>DNA and Cell Biology</i> , 2011, 30, 539-544.	0.9	23
9	Efficacy and safety of the dipeptidyl peptidase-4 inhibitor sitagliptin compared with alpha-glucosidase inhibitor in Japanese patients with type 2 diabetes inadequately controlled on metformin or pioglitazone alone (Study for an Ultimate Combination Therapy to Control Diabetes with Sitagliptin): A multicenter, randomized, open-label, non-inferiority trial. <i>Journal of Diabetes Investigation</i> , 2015, 6, 182-191.	1.1	18
10	Maternal gut microbiota is associated with newborn anthropometrics in a sex-specific manner. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 659-666.	0.7	18
11	Pilot Study to Reduce Dioxins in the Human Body. <i>Internal Medicine</i> , 2004, 43, 792-795.	0.3	17
12	Association of the maternal microbiome in Japanese pregnant women with the cumulative prevalence of dermatitis in early infancy: A pilot study from the Chiba study of Mother and Child Health birth cohort. <i>World Allergy Organization Journal</i> , 2019, 12, 100065.	1.6	16
13	Individual and mixed metal maternal blood concentrations in relation to birth size: An analysis of the Japan Environment and Children's Study (JECS). <i>Environment International</i> , 2022, 165, 107318.	4.8	16
14	The relationship of maternal PCB, toxic, and essential trace element exposure levels with birth weight and head circumference in Chiba, Japan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15677-15684.	2.7	15
15	Association between mercury in cord serum and sex-specific DNA methylation in cord tissues. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 124-131.	0.7	15
16	Colestimide Reduces Blood Polychlorinated Biphenyl (PCB) Levels. <i>Internal Medicine</i> , 2006, 45, 327-328.	0.3	14
17	Unsuppressed lipolysis in adipocytes is linked with enhanced gluconeogenesis and altered bile acid physiology in <i>Insr</i> ^{P1195L/+} mice fed high-fat-diet. <i>Scientific Reports</i> , 2015, 5, 17565.	1.6	14
18	Associations between changes in the maternal gut microbiome and differentially methylated regions of diabetes-associated genes in fetuses: A pilot study from a birth cohort study. <i>Journal of Diabetes Investigation</i> , 2017, 8, 550-553.	1.1	14

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19	Exploration of predictive metabolic factors for gestational diabetes mellitus in Japanese women using metabolomic analysis. <i>Journal of Diabetes Investigation</i> , 2019, 10, 513-520.	1.1	14
20	The methylation levels of the H19 differentially methylated region in human umbilical cords reflect newborn parameters and changes by maternal environmental factors during early pregnancy. <i>Environmental Research</i> , 2017, 157, 1-8.	3.7	13
21	Distribution of 5-Methyltetrahydrofolate and Folic Acid Levels in Maternal and Cord Blood Serum: Longitudinal Evaluation of Japanese Pregnant Women. <i>Nutrients</i> , 2020, 12, 1633.	1.7	12
22	DNA methylome of human neonatal umbilical cord: Enrichment of differentially methylated regions compared to umbilical cord blood DNA at transcription factor genes involved in body patterning and effects of maternal folate deficiency or children's sex. <i>PLoS ONE</i> , 2019, 14, e0214307.	1.1	11
23	Dietary Habits and Cooking Methods Could Reduce Avoidable Exposure to PCBs in Maternal and Cord Sera. <i>Scientific Reports</i> , 2017, 7, 17357.	1.6	8
24	Association Between Serum Folate Levels and Caffeinated Beverage Consumption in Pregnant Women in Chiba: The Japan Environment and Children's Study. <i>Journal of Epidemiology</i> , 2018, 28, 414-419.	1.1	8
25	Association between gut microbiota composition and glycoalbumin level during pregnancy in Japanese women: Pilot study from Chiba Study of Mother and Child Health. <i>Journal of Diabetes Investigation</i> , 2020, 11, 699-706.	1.1	8
26	Distinct roles of systemic and local actions of insulin on pancreatic β -cells. <i>Metabolism: Clinical and Experimental</i> , 2018, 82, 100-110.	1.5	7
27	An Altered DNA Methylation Status in the Human Umbilical Cord Is Correlated with Maternal Exposure to Polychlorinated Biphenyls. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2786.	1.2	7
28	Cyclothymic Temperament is Associated with Poor Medication Adherence and Disordered Eating in Type 2 Diabetes Patients: A Case-Control Study. <i>Diabetes Therapy</i> , 2021, 12, 2611-2624.	1.2	5
29	Longitudinal analyses of maternal and cord blood manganese levels and neurodevelopment in children up to 3 years of age: The Japan Environment and Children's Study (JECS). <i>Environment International</i> , 2022, 161, 107126.	4.8	5
30	Maternal Iodine Intake and Neurodevelopment of Offspring: The Japan Environment and Children's Study. <i>Nutrients</i> , 2022, 14, 1826.	1.7	5
31	Accelerated oligosaccharide absorption and altered serum metabolites during oral glucose tolerance test in young Japanese with impaired glucose tolerance. <i>Journal of Diabetes Investigation</i> , 2018, 9, 512-521.	1.1	4
32	No association between prenatal antibiotic exposure and atopic dermatitis among Japanese infants. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 218-221.	1.1	4
33	Participant mothers' attitudes toward genetic analysis in a birth cohort study. <i>Journal of Human Genetics</i> , 2021, 66, 671-679.	1.1	4
34	Association of the Maternal Gut Microbiota/Metabolome with Cord Blood CCL17. <i>Nutrients</i> , 2021, 13, 2837.	1.7	4
35	Decreased head circumference at birth associated with maternal tobacco smoke exposure during pregnancy on the Japanese prospective birth cohort study. <i>Scientific Reports</i> , 2021, 11, 18949.	1.6	4
36	Association between Total and Individual PCB Congener Levels in Maternal Serum and Birth Weight of Newborns: Results from the Chiba Study of Mother and Child Health Using Weighted Quantile Sum Regression. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 694.	1.2	3

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37	Neurological development in 36-month-old children conceived via assisted reproductive technology: The Japan Environment and Children's Study. <i>Reproductive Medicine and Biology</i> , 2022, 21, e12457.	1.0	3
38	Association between telomere length in human umbilical cord tissues and polychlorinated biphenyls in maternal and cord serum. <i>Chemosphere</i> , 2022, 300, 134560.	4.2	3
39	The anti-ulcer agent, irsogladine, increases insulin secretion by MIN6 cells. <i>European Journal of Pharmacology</i> , 2012, 685, 213-217.	1.7	2
40	Differences in rate and medical indication of caesarean section between Germany and Japan. <i>Pediatrics International</i> , 2020, 62, 1086-1093.	0.2	2
41	Investigation of umbilical cord serum miRNAs associated with childhood obesity: A pilot study from a birth cohort study. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1740-1744.	1.1	2
42	Association between maternal antibiotic exposure during pregnancy and childhood obesity in the Japan Environment and Children's Study. <i>Pediatric Obesity</i> , 2022, 17, .	1.4	2
43	An experimental trial to establish risk communication as a tool to decrease the risk by exposure to multiple chemicals for the future generations. <i>Reproductive Medicine and Biology</i> , 2005, 4, 65-70.	1.0	1
44	Lecithin Inclusion by β -Cyclodextrin Activates SREBP2 Signaling in the Gut and Ameliorates Postprandial Hyperglycemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10796.	1.8	1
45	An experimental model using guinea pigs to reduce accumulated dioxins in the body. <i>Congenital Anomalies (discontinued)</i> , 2002, 42, 323-326.	0.3	0
46	Vitamin D Metabolite Ratio in Pregnant Women with Low Blood Vitamin D Concentrations Is Associated with Neonatal Anthropometric Data. <i>Nutrients</i> , 2022, 14, 2201.	1.7	0