Kunio Miyake

List of Publications by Year
in descending order

65	1,133	430874 18	434195 31
papers	citations	h-index	g-index

68	68	68	1802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epigenetic understanding of gene-environment interactions in psychiatric disorders: a new concept of clinical genetics. Clinical Epigenetics, 2012, 4, 1.	4.1	109
2	Neurodevelopmental Disorders and Environmental Toxicants: Epigenetics as an Underlying Mechanism. International Journal of Genomics, 2017, 2017, 1-23.	1.6	102
3	Differentiation of multipotent neural stem cells derived from Rett syndrome patients is biased toward the astrocytic lineage. Molecular Brain, 2015, 8, 31.	2.6	77
4	The protocadherins, PCDHB1 and PCDH7, are regulated by MeCP2 in neuronal cells and brain tissues: implication for pathogenesis of Rett syndrome. BMC Neuroscience, 2011, 12, 81.	1.9	69
5	Epigenetics in Autism and Other Neurodevelopmental Diseases. Advances in Experimental Medicine and Biology, 2012, 724, 91-98.	1.6	63
6	Factors of parental COVID-19 vaccine hesitancy: A cross sectional study in Japan. PLoS ONE, 2021, 16, e0261121.	2.5	57
7	Comparison of Genomic and Epigenomic Expression in Monozygotic Twins Discordant for Rett Syndrome. PLoS ONE, 2013, 8, e66729.	2.5	56
8	Association Between Screen Time Exposure in Children at 1 Year of Age and Autism Spectrum Disorder at 3 Years of Age. JAMA Pediatrics, 2022, 176, 384.	6.2	44
9	An epigenome-wide study of cord blood DNA methylations in relation to prenatal perfluoroalkyl substance exposure: The Hokkaido study. Environment International, 2018, 115, 21-28.	10.0	42
10	Caregiversâ€™ mental distress and child health during the COVID-19 outbreak in Japan. PLoS ONE, 2020, 15, e0243702.	2.5	38
11	Association between DNA methylation in cord blood and maternal smoking: The Hokkaido Study on Environment and Childrenâ€™s Health. Scientific Reports, 2018, 8, 5654.	3.3	35
12	Phosphorylation of methyl-CpG binding protein 2 (MeCP2) regulates the intracellular localization during neuronal cell differentiation. Neurochemistry International, 2007, 50, 264-270.	3.8	31
13	A transcriptional repressor MeCP2 causing Rett syndrome is expressed in embryonic non-neuronal cells and controls their growth. Developmental Brain Research, 2005, 157, 103-106.	1.7	28
14	An epigenome-wide analysis of cord blood DNA methylation reveals sex-specific effect of exposure to bisphenol A. Scientific Reports, 2019, 9, 12369.	3.3	26
15	Protein-restricted diet during pregnancy after insemination alters behavioral phenotypes of the progeny. Genes and Nutrition, 2017, 12, 1.	2.5	22
16	EHF suppresses cancer progression by inhibiting ETS1-mediated ZEB expression. Oncogenesis, 2021, 10, 26.	4.9	22
17	Effect of prenatal exposure to phthalates on epigenome-wide DNA methylations in cord blood and implications for fetal growth: The Hokkaido Study on Environment and Children's Health. Science of the Total Environment, 2021, 783, 147035.	8.0	19
18	A comparative analysis of Smad-responsive motifs identifies multiple regulatory inputs for TGF-Î² transcriptional activation. Journal of Biological Chemistry, 2019, 294, 15466-15479.	3.4	18

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19	Role of epigenetics in Rett syndrome. Epigenomics, 2013, 5, 583-592.	2.1	17
20	Epigenetic Mechanisms and Therapeutic Perspectives for Neurodevelopmental Disorders. Pharmaceuticals, 2012, 5, 369-383.	3.8	16
21	Pre-treatment with amitriptyline causes epigenetic up-regulation of neuroprotection-associated genes and has anti-apoptotic effects in mouse neuronal cells. Neurotoxicology and Teratology, 2017, 62, 1-12.	2.4	16
22	Gestational body weight gain and risk of low birth weight or macrosomia in women of Japan: a nationwide cohort study. International Journal of Obesity, 2021, 45, 2666-2674.	3.4	15
23	DNA methylation of GFI1 as a mediator of the association between prenatal smoking exposure and ADHD symptoms at 6Âyears: the Hokkaido Study on Environment and Childrenâ€™s Health. Clinical Epigenetics, 2021, 13, 74.	4.1	14
24	Changes in gene expression in chronic allergy mouse model exposed to natural environmental PM2.5-rich ambient air pollution. Scientific Reports, 2018, 8, 6326.	3.3	13
25	Association of aberrantASNSimprinting with asparaginase sensitivity and chromosomal abnormality in childhood BCP-ALL. Blood, 2020, 136, 2319-2333.	1.4	13
26	Clofarabine exerts antileukemic activity against cytarabineâ€resistant Bâ€cell precursor acute lymphoblastic leukemia with low deoxycytidine kinase expression. Cancer Medicine, 2018, 7, 1297-1316.	2.8	11
27	Association of allele-specific methylation of the ASNS gene with asparaginase sensitivity and prognosis in T-ALL. Blood Advances, 2022, 6, 212-224.	5.2	11
28	Prenatal occupational disinfectant exposure and childhood allergies: the Japan Environment and Childrenâ€™s study. Occupational and Environmental Medicine, 2022, 79, 521-526.	2.8	11
29	Association between Household Income and Allergy Development in Children: The Japan Environment and Childrenâ€™s Study. International Archives of Allergy and Immunology, 2022, 183, 201-209.	2.1	10
30	Inhibition of Î±-mannosidase attenuates endoplasmic reticulum stress-induced neuronal cell death. NeuroToxicology, 2009, 30, 144-150.	3.0	9
31	Neuronal cell adhesion molecule regulating neural systems underlying addiction. Neuropsychopharmacology Reports, 2019, 39, 10-16.	2.3	9
32	Epigenomic-Basis of Preemptive Medicine for Neurodevelopmental Disorders. Current Genomics, 2015, 16, 175-182.	1.6	9
33	Epigenetics as a basis for diagnosis of neurodevelopmental disorders: challenges and opportunities. Expert Review of Molecular Diagnostics, 2014, 14, 685-697.	3.1	8
34	Effectiveness of influenza vaccination in infants and toddlers with and without prior infection history: The Japan Environment and Childrenâ€™s Study. Vaccine, 2021, 39, 1800-1804.	3.8	8
35	Differential X Chromosome Inactivation Patterns during the Propagation of Human Induced Pluripotent Stem Cells. Keio Journal of Medicine, 2016, 66, 1-8.	1.1	6
36	Lack of association between deletion polymorphism of BIM gene and in vitro drug sensitivity in B-cell precursor acute lymphoblastic leukemia. Leukemia Research, 2017, 60, 24-30.	0.8	6

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37	Aberrant Methylation of Tumor Suppressive miRNAs in Bile from Patients With Pancreaticobiliary Diseases. Anticancer Research, 2019, 39, 5449-5459.	1.1	6
38	Association of the incidence of atopic dermatitis until 3 years old with birth month and with sunshine duration and humidity in the first 6 months of life: Japan Environment and Childrenâ€™s Study. BMJ Open, 2021, 11, e047226.	1.9	6
39	Association between gestational hair dye use and allergies at 3 years old: the Japan environment and Children's study. Environmental Research, 2021, 201, 111530.	7.5	6
40	LPCAT2 Methylation, a Novel Biomarker for the Severity of Cedar Pollen Allergic Rhinitis in Japan. American Journal of Rhinology and Allergy, 2021, 35, 631-639.	2.0	6
41	Association between preterm birth and maternal allergy considering IgE level. Pediatrics International, 2021, 63, 1026-1032.	0.5	5
42	Glucocorticoid receptor gene mutations confer glucocorticoid resistance in B-cell precursor acute lymphoblastic leukemia. Journal of Steroid Biochemistry and Molecular Biology, 2022, 218, 106068.	2.5	5
43	Association of the incidence of atopic dermatitis until 3 years old with climate conditions in the first 6 months of life: Japan Environment and Childrenâ€™s Study (JECS). PLoS ONE, 2022, 17, e0268204.	2.5	5
44	Motherâ€™s iodine exposure and infantsâ€™ hypothyroidism: the Japan environment and childrenâ€™s study. Endocrine Journal, 2021, , .	1.6	4
45	Epigenetic Modification of Death Receptor Genes for TRAIL and TRAIL Resistance in Childhood B-Cell Precursor Acute Lymphoblastic Leukemia. Genes, 2021, 12, 864.	2.4	4
46	Screening of frequent variants associated with congenital hypothyroidism: a comparison with next generation sequencing. Endocrine Journal, 2021, 68, 1411-1419.	1.6	4
47	Incidence, clinicopathological features and genetics of inâ€situ follicular neoplasia: a comprehensive screening study in a Japanese cohort. Histopathology, 2022, 80, 820-826.	2.9	4
48	Prader-Willi Syndrome: The Disease that Opened up Epigenomic-Based Preemptive Medicine. Diseases (Basel, Switzerland), 2016, 4, 15.	2.5	3
49	Assessment of MGMT methylation status using high-performance liquid chromatography in newly diagnosed glioblastoma. Clinical Epigenetics, 2020, 12, 174.	4.1	3
50	Association between Maternal Exposure to Chemicals during Pregnancy and the Risk of Foetal Death: The Japan Environment and Childrenâ€™s Study. International Journal of Environmental Research and Public Health, 2021, 18, 11748.	2.6	3
51	Association of glycated hemoglobin at an early stage of pregnancy with the risk of gestational diabetes mellitus among nonâ€diabetic women in Japan: The Japan Environment and Childrenâ€™s Study. Journal of Diabetes Investigation, 2022, 13, 687-695.	2.4	2
52	Influence of Maternal Active and Secondhand Smoking during Pregnancy on Childhood Obesity at 3 Years of Age: A Nested Caseâ€“Control Study from the Japan Environment and Childrenâ€™s Study (JECS). International Journal of Environmental Research and Public Health, 2021, 18, 12506.	2.6	2
53	High Incidence of Atopic Dermatitis among Children Whose Fathers Work in Primary Industry: The Japan Environment and Childrenâ€™s Study (JECS). International Journal of Environmental Research and Public Health, 2022, 19, 1761.	2.6	2
54	Mental Disorders and Transgenerational Epigenetics. , 2014, , 343-354.		1

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55	Involvement of Allele-Specific Methylation of Asparagine Synthetase Gene in Asparaginase Sensitivity of BCP-ALL. Blood, 2016, 128, 3966-3966.	1.4	1
56	Methylation of Tumor Suppressive miRNAs in Plasma from Patients With Pancreaticobiliary Diseases. Cancer Diagnosis & Prognosis, 2022, 2, 378-383.	0.7	1
57	Epigenetic Modulation of Human Neurobiological Disorders. , 2012, , 193-203.		0
58	Epigenome-wide association studies in neurodevelopmental disorders. , 0, , 123-136.		0
59	Pharmacoepigenetics and Toxicoepigenetics in Neurodevelopmental Disorders. , 2019, , 711-719.		0
60	Association between maternal gestational diabetes mellitus and highâ€sensitivity Câ€reactive protein levels in 8â€yearâ€old children: the Yamanashi Adjunct Study of the Japan Environment and Childrenâ€™s Study (JECS). Journal of Diabetes Investigation, 2022, , .	2.4	0
61	Caregiversâ€™ mental distress and child health during the COVID-19 outbreak in Japan. , 2020, 15, e0243702.		0
62	Caregiversâ€™ mental distress and child health during the COVID-19 outbreak in Japan. , 2020, 15, e0243702.		0
63	Caregiversâ€™ mental distress and child health during the COVID-19 outbreak in Japan. , 2020, 15, e0243702.		0
64	Caregiversâ€™ mental distress and child health during the COVID-19 outbreak in Japan. , 2020, 15, e0243702.		0
65	Prenatal Negative Life Events and Childhood Allergies: The Japan Environment and Childrenâ€™s Study (JECS). International Archives of Allergy and Immunology, 2022, 183, 1062-1070.	2.1	0