Hideaki Sawai

List of Publications by Year
in descending order

62	1,075	471061 17	476904 29
papers	citations	h-index	g-index

65	65	65	1233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of individuals with thanatophoric dysplasia surviving beyond infancy. Pediatrics International, 2022, 64, .	0.2	2
2	Retrospective details of false-positive and false-negative results in non-invasive prenatal testing for fetal trisomies 21, 18 and 13. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 256, 75-81.	0.5	20
3	Association between the serum insulinâ€like growth factorâ€1 concentration in the first trimester of pregnancy and postpartum depression. Psychiatry and Clinical Neurosciences, 2021, 75, 159-165.	1.0	3
4	Feelings about pregnancy and mother-infant bonding as predictors of persistent psychological distress in the perinatal period: The Japan Environment and Children's Study. Journal of Psychiatric Research, 2021, 140, 132-140.	1.5	8
5	Evaluation of the clinical performance of noninvasive prenatal testing at a Japanese laboratory. Journal of Obstetrics and Gynaecology Research, 2021, 47, 3437-3446.	0.6	2
6	Association of ALPL variants with serum alkaline phosphatase and bone traits in the general Japanese population: The Nagahama Study. Journal of Human Genetics, 2020, 65, 337-343.	1.1	4
7	Clinical Practice Guidelines for Hypophosphatasia*. Clinical Pediatric Endocrinology, 2020, 29, 9-24.	0.4	28
8	Qualitative investigation of the factors that generate ambivalent feelings in women who give birth after receiving negative results from non-invasive prenatal testing. BMC Pregnancy and Childbirth, 2020, 20, 112.	0.9	10
9	National survey of prevalence and prognosis of thanatophoric dysplasia in Japan. Pediatrics International, 2019, 61, 748-753.	0.2	7
10	Cytogenetic Analysis of Spontaneous Miscarriages Using Long-Term Culturing of Chorionic Villi. Journal of Fetal Medicine, 2019, 6, 1-6.	0.1	1
11	Challenges in Managing Patients with Hereditary Cancer at Gynecological Services. Obstetrics and Gynecology International, 2019, 2019, 1-9.	0.5	3
12	Paternal occupational exposure to chemicals and secondary sex ratio: results from the Japan Environment and Children's Study. Lancet Planetary Health, The, 2019, 3, e529-e538.	5.1	5
13	Classification of factors involved in nonreportable results of noninvasive prenatal testing (NIPT) and prediction of success rate of second NIPT. Prenatal Diagnosis, 2019, 39, 100-106.	1.1	27
14	Fetal cell-free DNA fraction in maternal plasma for the prediction of hypertensive disorders of pregnancy. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 224, 165-169.	0.5	22
15	A Case of a Pregnant Woman with Thrombosis in an Artificial Aortic Valve Resulting in Severe Cerebral Hemorrhage in the Newborn. Case Reports in Obstetrics and Gynecology, 2018, 2018, 1-3.	0.2	0
16	Maternal age-specific risk for trisomy 21 based on the clinical performance of NIPT and empirically derived NIPT age-specific positive and negative predictive values in Japan. Journal of Human Genetics, 2018, 63, 1035-1040.	1.1	13
17	Current status of nonâ€invasive prenatal testing in Japan. Journal of Obstetrics and Gynaecology Research, 2017, 43, 1245-1255.	0.6	40
18	Follow-Up Study on Fetal CT Radiation Dose in Japan: Validating the Decrease in Radiation Dose. American Journal of Roentgenology, 2017, 208, 862-867.	1.0	3

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19	Parental serum alkaline phosphatase activity as an auxiliary tool for prenatal diagnosis of hypophosphatasia. Prenatal Diagnosis, 2017, 37, 491-496.	1.1	6
20	A Case of Thanatophoric Dysplasia Type I with Fetal Hydrops in the First Trimester. Case Reports in Obstetrics and Gynecology, 2016, 2016, 1-4.	0.2	4
21	Survey of prenatal testing for genetic disorders in <scp>Japan</scp>: Recent report. Journal of Obstetrics and Gynaecology Research, 2016, 42, 375-379.	0.6	4
22	A survey on awareness of genetic counseling for non-invasive prenatal testing: the first year experience in Japan. Journal of Human Genetics, 2016, 61, 995-1001.	1.1	19
23	Nationwide survey for current clinical status of amniocentesis and maternal serum marker test in Japan. Journal of Human Genetics, 2016, 61, 879-884.	1.1	4
24	Factors affecting parental decisions to terminate pregnancy in the presence of chromosome abnormalities: a Japanese multicenter study. Prenatal Diagnosis, 2016, 36, 1121-1126.	1.1	14
25	Fetal cell-free DNA fraction in maternal plasma is affected by fetal trisomy. Journal of Human Genetics, 2016, 61, 647-652.	1.1	59
26	Criteria for radiologic diagnosis of hypochondroplasia in neonates. Pediatric Radiology, 2016, 46, 513-518.	1.1	11
27	A novel mutation Ser344Cys in FGFR3 causes achondroplasia with severe platyspondyly. American Journal of Medical Genetics, Part A, 2015, 167, 2851-2854.	0.7	13
28	Chromosome abnormalities diagnosed in utero: a Japanese study of 28â€‰983 amniotic fluid specimens collected before 22 weeks gestations. Journal of Human Genetics, 2015, 60, 133-137.	1.1	15
29	Nationwide demonstration project of nextâ€generation sequencing of cellâ€free DNA in maternal plasma in Japan: 1â€year experience. Prenatal Diagnosis, 2015, 35, 331-336.	1.1	59
30	Modeling type II collagenopathy skeletal dysplasia by directed conversion and induced pluripotent stem cells. Human Molecular Genetics, 2015, 24, 299-313.	1.4	35
31	Development of an integrated support system for hereditary cancer and its impact on gynecologic services. International Journal of Clinical Oncology, 2014, 19, 1043-1051.	1.0	1
32	Statin treatment rescues FGFR3 skeletal dysplasia phenotypes. Nature, 2014, 513, 507-511.	13.7	186
33	Nationwide radiation dose survey of computed tomography for fetal skeletal dysplasias. Pediatric Radiology, 2014, 44, 971-979.	1.1	13
34	Live births from isolated primary/early secondary follicles following a multistep culture without organ culture in mice. Reproduction, 2013, 146, 37-47.	1.1	45
35	The Current State of Genetic Counseling Before and After Amniocentesis for Fetal Karyotyping in Japan: A Survey of Obstetric Hospital Clients of a Prenatal Testing Laboratory. Journal of Genetic Counseling, 2013, 22, 795-804.	0.9	9
36	A large seminoma occurring 20years after diagnosis of complete androgen insensitivity syndrome: A case report. Gynecologic Oncology Case Reports, 2013, 5, 16-18.	0.9	2

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37	Recurrence of osteogenesis imperfecta due to maternal mosaicism of a novel COL1A1 mutation. American Journal of Medical Genetics, Part A, 2012, 158A, 2969-2971.	0.7	2
38	Prenatal diagnosis of Kniest dysplasia with three-dimensional helical computed tomography. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 1181-1184.	0.7	13
39	The current status of umbilical cord blood collection in Japanese medical centers: Survey of obstetricians. Transfusion and Apheresis Science, 2011, 44, 263-268.	0.5	5
40	Prenatal diagnosis of short-rib polydactyly syndrome type 3 (Verma-Naumoff type) by three-dimensional helical computed tomography. Journal of Obstetrics and Gynaecology Research, 2011, 37, 151-155.	0.6	13
41	Low prevalence of genetic prenatal diagnosis in Japan. Prenatal Diagnosis, 2011, 31, 1007-1009.	1.1	29
42	Reproductive success in patients with Hallermannâ€“Streiff syndrome. American Journal of Medical Genetics, Part A, 2011, 155, 2311-2313.	0.7	1
43	Prevalence of c.1559delT in ALPL, a common mutation resulting in the perinatal (lethal) form of hypophosphatasia in Japanese and effects of the mutation on heterozygous carriers. Journal of Human Genetics, 2011, 56, 166-168.	1.1	57
44	Mutation analysis of SOX9 and single copy number variant analysis of the upstream region in eight patients with campomelic dysplasia and acampomelic campomelic dysplasia. American Journal of Medical Genetics, Part A, 2009, 149A, 2882-2885.	0.7	20
45	Platyspondylic lethal skeletal dysplasia San Diego type (thanatophoric dysplasia type 1) associated with trisomy 21 presenting with nuchal translucency: a case report. Prenatal Diagnosis, 2009, 29, 715-717.	1.1	4
46	Prenatal Diagnosis of Thanatophoric Dysplasia by 3-D Helical Computed Tomography and Genetic Analysis. Fetal Diagnosis and Therapy, 2008, 24, 420-424.	0.6	18
47	Bone Morphogenetic Protein-2 Counterregulates Interleukin-18 mRNA and Protein in MC3T3-E1 Mouse Osteoblastic Cells. Connective Tissue Research, 2006, 47, 124-132.	1.1	13
48	A compound heterozygote harboring novel and recurrentDTDST mutations with intermediate phenotype between atelosteogenesis type II and diastrophic dysplasia. American Journal of Medical Genetics, Part A, 2006, 140A, 1143-1147.	0.7	13
49	Pig zona pellucida 2 (pZP2) protein does not participate in zona pellucida formation in transgenic mice. Reproduction, 2006, 132, 455-464.	1.1	4
50	Possible presence of O-linked carbohydrate in the human male reproductive tract CD52. Journal of Reproductive Immunology, 2004, 62, 91-100.	0.8	12
51	Radiographic and genetic diagnosis of sporadic hypochondroplasia early in the neonatal period. Prenatal Diagnosis, 2004, 24, 45-49.	1.1	11
52	Birth of healthy neonates after intracytoplasmic injection of ejaculated or testicular spermatozoa from men with nonmosaic Klinefelter's syndrome: a report of 2 cases. Journal of reproductive medicine, The, 2004, 49, 126-30.	0.2	20
53	Isolation and characterization of a human sperm antigen gene h-Sp-1. Journal of Developmental and Physical Disabilities, 2003, 26, 226-235.	3.6	2
54	Severe perinatal hypophosphatasia due to homozygous deletion of T at nucleotide 1559 in the tissue nonspecific alkaline phosphatase gene. Prenatal Diagnosis, 2003, 23, 743-746.	1.1	15

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55	Molecular analysis of the Y chromosome AZFc region in Japanese infertile males with spermatogenic defects. Journal of Reproductive Immunology, 2002, 53, 37-44.	0.8	14
56	Prenatal diagnosis of thanatophoric dysplasia by mutational analysis of the fibroblast growth factor receptor 3 gene and a proposed correction of previously published PCR results. , 1999, 19, 21-24.		36
57	Novel missense mutation resulting in the substitution of tyrosine by cysteine at codon 597 of the type X collagen gene associated with Schmid metaphyseal chondrodysplasia. Journal of Human Genetics, 1998, 43, 259-261.	1.1	11
58	Prenatal Diagnosis of Achondroplasia Using the Nested Polymerase Chain Reaction with Modified Primer Sets. Fetal Diagnosis and Therapy, 1996, 11, 407-413.	0.6	1
59	Direct Production of the Fab Fragment Derived From the Sperm Immobilizing Antibody Using Polymerase Chain Reaction and cDNA Expression Vectors. American Journal of Reproductive Immunology, 1995, 34, 26-34.	1.2	4
60	Cloning and expression of the rat class I MHC gene RT1.A l. Immunogenetics, 1994, 39, 447-447.	1.2	30
61	Multiple TL-like loci in the grc-G/C region of the rat. Immunogenetics, 1994, 39, 301-315.	1.2	23
62	Stable Production of Recombinant Human Sperm Immobilizing Antibody Using cDNA Expression Vectors. American Journal of Reproductive Immunology, 1993, 29, 100-108.	1.2	2