Akira Oka

List of Publications by Year
in descending order

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68	1,066	516710 16	477307 29
papers	citations	h-index	g-index

70	70	70	2390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. Nature Communications, 2015, 6, 7557.	12.8	149
2	Recurrent SPI1 (PU.1) fusions in high-risk pediatric T cell acute lymphoblastic leukemia. Nature Genetics, 2017, 49, 1274-1281.	21.4	100
3	Biallelic DICER1 Mutations in Sporadic Pleuropulmonary Blastoma. Cancer Research, 2014, 74, 2742-2749.	0.9	67
4	Autologous cord blood cell therapy for neonatal hypoxic-ischaemic encephalopathy: a pilot study for feasibility and safety. Scientific Reports, 2020, 10, 4603.	3.3	62
5	Epidemiological changes of acute encephalopathy in Japan based on national surveillance for 2014â€“2017. Brain and Development, 2020, 42, 508-514.	1.1	41
6	Long-term ventilator support in patients with Werdnig-Hoffmann disease. Pediatrics International, 2000, 42, 359-363.	0.5	34
7	Integrated multiomics analysis of hepatoblastoma unravels its heterogeneity and provides novel druggable targets. Npj Precision Oncology, 2020, 4, 20.	5.4	30
8	Contribution of gene mutations to Silver-Russell syndrome phenotype: multigene sequencing analysis in 92 etiology-unknown patients. Clinical Epigenetics, 2020, 12, 86.	4.1	29
9	Amnionless-mediated glycosylation is crucial for cell surface targeting of cubilin in renal and intestinal cells. Scientific Reports, 2018, 8, 2351.	3.3	27
10	<scp>NOTCH</scp>1 pathway activating mutations and clonal evolution in pediatric Tâ€cell acute lymphoblastic leukemia. Cancer Science, 2019, 110, 784-794.	3.9	26
11	Integrated Molecular Characterization of the Lethal Pediatric Cancer Pancreatoblastoma. Cancer Research, 2018, 78, 865-876.	0.9	25
12	Association of the Emergence of Acyclovir-Resistant Herpes Simplex Virus Type 1 With Prognosis in Hematopoietic Stem Cell Transplantation Patients. Journal of Infectious Diseases, 2017, 215, 865-873.	4.0	23
13	Molecular and clinical analyses of two patients with UPD(16)mat detected by screening 94 patients with Silver-Russell syndrome phenotype of unknown aetiology. Journal of Medical Genetics, 2019, 56, 413-418.	3.2	23
14	Identification of the genetic and clinical characteristics of neuroblastomas using genome-wide analysis. Oncotarget, 2017, 8, 107513-107529.	1.8	23
15	Fever pattern and Câ€reactive protein predict response to rescue therapy in Kawasaki disease. Pediatrics International, 2016, 58, 180-184.	0.5	19
16	Effect of i.v. immunoglobulin in the first 4 days of illness in Kawasaki disease. Pediatrics International, 2018, 60, 334-341.	0.5	19
17	Epithelial protein lost in neoplasm modulates platelet-derived growth factorâ€“mediated adhesion and motility of mesangial cells. Kidney International, 2014, 86, 548-557.	5.2	18
18	Holoprosencephaly with cerebellar vermis hypoplasia in 13q deletion syndrome: Critical region for cerebellar dysgenesis within 13q32.2q34. Brain and Development, 2015, 37, 714-718.	1.1	17

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19	LOX-1 Is a Novel Therapeutic Target in Neonatal Hypoxic-Ischemic Encephalopathy. American Journal of Pathology, 2014, 184, 1843-1852.	3.8	16
20	Detection of Hereditary 1,25-Hydroxyvitamin D-Resistant Rickets Caused by Uniparental Disomy of Chromosome 12 Using Genome-Wide Single Nucleotide Polymorphism Array. PLoS ONE, 2015, 10, e0131157.	2.5	15
21	Integrated genetic and epigenetic analysis revealed heterogeneity of acute lymphoblastic leukemia in Down syndrome. Cancer Science, 2019, 110, 3358-3367.	3.9	15
22	Functional analyses of a novel missense and other mutations of the vitamin D receptor in association with alopecia. Scientific Reports, 2017, 7, 5102.	3.3	14
23	DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. Leukemia, 2020, 34, 1163-1168.	7.2	14
24	A Japanese patient with RAD51 â€associated Fanconi anemia. American Journal of Medical Genetics, Part A, 2019, 179, 900-902.	1.2	13
25	Altered expression of Crb2 in podocytes expands a variation of CRB2 mutations in steroid-resistant nephrotic syndrome. Pediatric Nephrology, 2017, 32, 801-809.	1.7	12
26	Accelerated Cardiomyocyte Proliferation in the Heart of a Neonate With LEOPARD Syndrome-Associated Fatal Cardiomyopathy. Circulation: Heart Failure, 2018, 11, e004660.	3.9	12
27	A Qualitative Assessment of Adolescent Girls' Perception of Living with Congenital Heart Disease: Focusing on Future Pregnancies and Childbirth. Journal of Pediatric Nursing, 2018, 38, e12-e18.	1.5	11
28	A case of malignant rhabdoid tumor mimicking yolk sac tumor. Pediatric Blood and Cancer, 2019, 66, e27784.	1.5	11
29	Case-control association study of rare nonsynonymous variants of SCN1A and KCNQ2 in acute encephalopathy with biphasic seizures and late reduced diffusion. Journal of the Neurological Sciences, 2020, 414, 116808.	0.6	11
30	Association of high-risk neuroblastoma classification based on expression profiles with differentiation and metabolism. PLoS ONE, 2021, 16, e0245526.	2.5	11
31	Thermolabile polymorphism of carnitine palmitoyltransferase 2: A genetic risk factor of overall acute encephalopathy. Brain and Development, 2019, 41, 862-869.	1.1	10
32	Leaky splicing variant in sepiapterin reductase deficiency. Neurology: Genetics, 2019, 5, e319.	1.9	10
33	Direct hyperbilirubinemia in infants with congenital heart disease. Pediatrics International, 2018, 60, 179-182.	0.5	9
34	Altered Expression of Astrocyte-Related Receptors and Channels Correlates With Epileptogenesis in Hippocampal Sclerosis. Pediatric and Developmental Pathology, 2019, 22, 532-539.	1.0	9
35	Comprehensive genetic analysis of pediatric germ cell tumors identifies potential drug targets. Communications Biology, 2020, 3, 544.	4.4	9
36	MLC1 mutations in Japanese patients with megalencephalic leukoencephalopathy with subcortical cysts. Human Genome Variation, 2014, 1, 14019.	0.7	8

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37	Systemic lupus erythematosus presenting with mixedâ€type fulminant autoimmune hemolytic anemia. Pediatrics International, 2016, 58, 527-530.	0.5	8
38	Noonan syndromeâ€associated biallelic LZTR1 mutations cause cardiac hypertrophy and vascular malformations in zebrafish. Molecular Genetics & Genomic Medicine, 2020, 8, e1107.	1.2	8
39	Association of human cytomegalovirus (HCMV) neutralizing antibodies with antibodies to the HCMV glycoprotein complexes. Virology Journal, 2020, 17, 120.	3.4	8
40	Clinical and genetic characterization of nephropathy in patients with nail-patella syndrome. European Journal of Human Genetics, 2020, 28, 1414-1421.	2.8	8
41	A Nationwide Epidemiological Survey of Adolescent Patients With Diverse Symptoms Similar to Those Following Human Papillomavirus Vaccination: Background Prevalence and Incidence for Considering Vaccine Safety in Japan. Journal of Epidemiology, 2022, 32, 34-43.	2.4	8
42	Afadin is localized at cellâ€“cell contact sites in mesangial cells and regulates migratory polarity. Laboratory Investigation, 2016, 96, 49-59.	3.7	7
43	Efficacy and safety of valganciclovir in patients with symptomatic congenital cytomegalovirus disease. Medicine (United States), 2020, 99, e19765.	1.0	7
44	Medical, welfare, and educational challenges and psychological distress in parents caring for an individual with 22q11.2 deletion syndrome: A crossâ€sectional survey in Japan. American Journal of Medical Genetics, Part A, 2022, 188, 37-45.	1.2	7
45	Toward coâ€production of research in 22q11.2 deletion syndrome: Research needs from the caregiver's perspective. Psychiatry and Clinical Neurosciences, 2020, 74, 626-627.	1.8	7
46	Novel DHCR7 mutation in a case of Smithâ€“Lemliâ€“Opitz syndrome showing 46,XY disorder of sex development. Human Genome Variation, 2017, 4, 17015.	0.7	6
47	Nonosmotic secretion of arginine vasopressin and salt loss in hyponatremia in Kawasaki disease. Pediatrics International, 2020, 62, 363-370.	0.5	6
48	Correlation between fetal heart rate evolution patterns and magnetic resonance imaging findings in severe cerebral palsy: AÂlongitudinal study. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 1574-1582.	2.3	6
49	Deletion in the Cobalamin Synthetase W Domainâ€“Containing Protein 1 Gene Is associated with Congenital Anomalies of the Kidney and Urinary Tract. Journal of the American Society of Nephrology: JASN, 2020, 31, 139-147.	6.1	5
50	The cellular model of albumin endocytosis uncovers link between membrane and nuclear proteins. Journal of Cell Science, 2020, 133, .	2.0	5
51	Relationship between post-IVIG IgG levels and clinical outcomes in Kawasaki disease patients: new insight into the mechanism of action of IVIG. Clinical Rheumatology, 2020, 39, 3747-3755.	2.2	5
52	Brain edema with clasmatodendrosis complicating ataxia telangiectasia. Brain and Development, 2017, 39, 629-632.	1.1	4
53	Incomplete cryptic splicing by an intronic mutation of OCRL in patients with partial phenotypes of Lowe syndrome. Journal of Human Genetics, 2020, 65, 831-839.	2.3	4
54	Longitudinal Trends of Prevalence of Neutralizing Antibody against Human Cytomegalovirus over the Past 30 Years in Japanese Women. Japanese Journal of Infectious Diseases, 2022, 75, 496-503.	1.2	4

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55	Preferential involvement of U-fibers in human herpesvirus 6-associated acute encephalopathy. Annals of Neurology, 1999, 45, 684-684.	5.3	2
56	CBFA2T3â€GLIS2â€positive acute megakaryoblastic leukemia in a patient with Down syndrome. Pediatric Blood and Cancer, 2020, 67, e28055.	1.5	2
57	Rituximab-induced serum sickness in a 6-year-old boy with steroid-dependent nephrotic syndrome. CEN Case Reports, 2020, 9, 173-176.	0.9	2
58	Effectiveness of Pediatric Teleconsultation to Prevent Skin Conditions in Infants and Reduce Parenting Stress in Mothers: Randomized Controlled Trial. JMIR Pediatrics and Parenting, 2022, 5, e27615.	1.6	2
59	Partial monosomy of 10p and duplication of another chromosome in two patients. Pediatrics International, 2017, 59, 99-102.	0.5	1
60	Early-onset Marfan Syndrome Caused by a Splicing Mutation of FBN1 Exon 29: A Case Report. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2018, 34, 77-83.	0.0	1
61	New ocular movement detector system as a communication tool in ventilatorâ€assisted Werdnigâ€Hoffmann disease. Developmental Medicine and Child Neurology, 2000, 42, 61-64.	2.1	0
62	Genetic Landscapes Of Childhood T-Cell Acute Lymphoblastic Leukemia. Blood, 2013, 122, 3786-3786.	1.4	0
63	TAL1 and MYB Abnormalities in Childhood T-Cell Acute Lymphoblastic Leukemia. Blood, 2015, 126, 2628-2628.	1.4	0
64	Identifications of Highly Aggressive Phenotype with SPI1 Overexpression in Pediatric T Cell Acute Lymphoblastic Leukemia/Lymphoma. Blood, 2016, 128, 909-909.	1.4	0
65	Gene Expression Profiles and Methylation Analysis in Down Syndrome Related Acute Lymphoblastic Leukemia. Blood, 2016, 128, 4084-4084.	1.4	0
66	Distribution and Clinical Features of NOTCH1 Signaling Activating Alterations in Pediatric T-Cell Acute Lymphoblastic Leukemia (T-ALL). Blood, 2018, 132, 4089-4089.	1.4	0
67	Comprehensive Genomic Analysis Identified Acute Lymphoblastic Leukemia in Down Syndrome Was Highly Heterogeneous with the High Prevalence of Ph-like Signature. Blood, 2018, 132, 2817-2817.	1.4	0
68	Neonatal Enterovirus Myocarditis: A Case Report. Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery, 2019, 35, 284-289.	0.0	0