

Hyun-Wook Chae

List of Publications by Year in descending order

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87
papers

1,335
citations

471061

17
h-index

414034

32
g-index

89
all docs

89
docs citations

89
times ranked

1681
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2017 Korean National Growth Charts for children and adolescents: development, improvement, and prospects. <i>Korean Journal of Pediatrics</i> , 2018, 61, 135.	1.9	374
2	Incidence and Prevalence of Central Precocious Puberty in Korea: An Epidemiologic Study Based on a National Database. <i>Journal of Pediatrics</i> , 2019, 208, 221-228.	0.9	95
3	Serum Kisspeptin Levels in Korean Girls with Central Precocious Puberty. <i>Journal of Korean Medical Science</i> , 2011, 26, 927.	1.1	49
4	Incidence and Surgery Rate of Idiopathic Scoliosis: A Nationwide Database Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8152.	1.2	37
5	Effects of a Structured Exercise Program on Insulin Resistance, Inflammatory Markers and Physical Fitness in Obese Korean Children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010, 23, 1065-72.	0.4	34
6	Incidence and Prevalence of Type 1 Diabetes Mellitus among Korean Children and Adolescents between 2007 and 2017: An Epidemiologic Study Based on a National Database. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 866-874.	1.8	30
7	Adult height in girls with central precocious puberty treated with gonadotropin-releasing hormone agonist with or without growth hormone. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2014, 19, 214.	0.8	28
8	Risk of Gonadoblastoma Development in Patients with Turner Syndrome with Cryptic Y Chromosome Material. <i>Hormones and Cancer</i> , 2017, 8, 166-173.	4.9	28
9	Long-term safety and effectiveness of growth hormone therapy in Korean children with growth disorders: 5-year results of LG Growth Study. <i>PLoS ONE</i> , 2019, 14, e0216927.	1.1	27
10	Clinical manifestations of testicular adrenal rest tumor in males with congenital adrenal hyperplasia. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 155.	0.8	27
11	Spot Urine Albumin to Creatinine Ratio and Serum Cystatin C are Effective for Detection of Diabetic Nephropathy in Childhood Diabetic Patients. <i>Journal of Korean Medical Science</i> , 2012, 27, 784.	1.1	26
12	Etiologies and characteristics of children with chief complaint of short stature. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 34.	0.8	24
13	Longitudinal Standards for Height and Height Velocity in Korean Children and Adolescents: the Kangwha Cohort Study. <i>Journal of Korean Medical Science</i> , 2013, 28, 1512.	1.1	23
14	2017 Clinical practice guidelines for dyslipidemia of Korean children and adolescents. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2020, 25, 199-207.	0.8	22
15	Insulin-Like Growth Factor-Binding Protein-3 Mediates High Glucose-Induced Apoptosis by Increasing Oxidative Stress in Proximal Tubular Epithelial Cells. <i>Endocrinology</i> , 2011, 152, 3135-3142.	1.4	21
16	Factors that predict a positive response on gonadotropin-releasing hormone stimulation test for diagnosing central precocious puberty in girls. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2013, 18, 202.	0.8	21
17	Relationship between serum 25-hydroxyvitamin D concentration and risks of metabolic syndrome in children and adolescents from Korean National Health and Nutrition Examination survey 2008-2010. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 46.	0.8	20
18	Ultrasound measurement of pediatric visceral fat thickness: correlations with metabolic and liver profiles. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2016, 21, 75.	0.8	17

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19	Respiratory failure in a diabetic ketoacidosis patient with severe hypophosphatemia. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2018, 23, 103-106.	0.8	17
20	Ten-Year Trends of Metabolic Syndrome Prevalence and Nutrient Intake among Korean Children and Adolescents: A Population-Based Study. <i>Yonsei Medical Journal</i> , 2021, 62, 344.	0.9	17
21	Comparison of the Triglyceride Glucose Index and Modified Triglyceride Glucose Indices to Predict Nonalcoholic Fatty Liver Disease in Youths. <i>Journal of Pediatrics</i> , 2022, 242, 79-85.e1.	0.9	17
22	Final Adult Height after Growth Hormone Treatment in Patients with Turner Syndrome. <i>Hormone Research in Paediatrics</i> , 2019, 91, 373-379.	0.8	16
23	Clinical manifestations of Rathke's cleft cysts and their natural progression during 2 years in children and adolescents. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 164-169.	0.8	16
24	Is There an Association Between Psychiatric Disorders and Adolescent Idiopathic Scoliosis? A Large-database Study. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1805-1812.	0.7	15
25	Diagnosis and Treatment of Growth Hormone Deficiency: A Position Statement from Korean Endocrine Society and Korean Society of Pediatric Endocrinology. <i>Endocrinology and Metabolism</i> , 2020, 35, 272-287.	1.3	15
26	The Clinical Measures Associated with C-peptide Decline in Patients with Type 1 Diabetes over 15 Years. <i>Journal of Korean Medical Science</i> , 2013, 28, 1340.	1.1	14
27	Design of the long-term observational cohort study with recombinant human growth hormone in Korean children: LG Growth Study. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2018, 23, 43-50.	0.8	14
28	Growth hormone treatment and risk of malignancy. <i>Korean Journal of Pediatrics</i> , 2015, 58, 41.	1.9	13
29	Prediction of Insulin Resistance by Modified Triglyceride Glucose Indices in Youth. <i>Life</i> , 2021, 11, 286.	1.1	13
30	Regression and progression of microalbuminuria in adolescents with childhood onset diabetes mellitus. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 13.	0.8	12
31	Trends in Prediabetes and Non-Alcoholic Fatty Liver Disease Associated with Abdominal Obesity among Korean Children and Adolescents: Based on the Korea National Health and Nutrition Examination Survey between 2009 and 2018. <i>Biomedicine</i> , 2022, 10, 584.	1.4	12
32	Association between Serum Matrix Metalloproteinase- (MMP-) 3 Levels and Systemic Lupus Erythematosus: A Meta-analysis. <i>Disease Markers</i> , 2019, 2019, 1-10.	0.6	11
33	Adolescents with thyroid nodules: retrospective analysis of factors predicting malignancy. <i>European Journal of Pediatrics</i> , 2020, 179, 317-325.	1.3	11
34	High Prevalence of Nonalcoholic Fatty Liver Disease Among Adolescents and Young Adults With Hypopituitarism due to Growth Hormone Deficiency. <i>Endocrine Practice</i> , 2021, 27, 1149-1155.	1.1	11
35	Mitochondrial diabetes and mitochondrial DNA mutation load in MELAS syndrome. <i>European Journal of Endocrinology</i> , 2020, 183, 505-512.	1.9	10
36	Diabetes mellitus due to agenesis of the dorsal pancreas in a patient with heterotaxy syndrome. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 125.	0.8	10

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37	XXX syndrome: a 13-year-old boy with tall stature. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 170.	0.8	9
38	A New Integrated Newborn Screening Workflow Can Provide a Shortcut to Differential Diagnosis and Confirmation of Inherited Metabolic Diseases. <i>Yonsei Medical Journal</i> , 2018, 59, 652.	0.9	9
39	The analysis of endocrine disruptors in patients with central precocious puberty. <i>BMC Pediatrics</i> , 2019, 19, 323.	0.7	9
40	Trends of Dyslipidemia in Korean Youth According to Sex and Body Mass Index: Based on the Korea National Health and Nutrition Examination Survey (2007-2018). <i>Journal of Pediatrics</i> , 2021, 237, 71-78.e5.	0.9	8
41	A 1-month-old infant with chylomicronemia due to <i>GPIHBP1</i> gene mutation treated by plasmapheresis. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 68.	0.8	8
42	Insulin resistance and bone age advancement in girls with central precocious puberty. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 176-182.	0.8	8
43	Comparison of the Modified TyG Indices and Other Parameters to Predict Non-Alcoholic Fatty Liver Disease in Youth. <i>Biology</i> , 2022, 11, 685.	1.3	8
44	Assessment of myocardial function in elite athlete's heart at rest - 2D speckle tracking echocardiography in Korean elite soccer players. <i>Scientific Reports</i> , 2016, 6, 39772.	1.6	7
45	Association of Vitamin D Status and Physical Activity with Lipid Profile in Korean Children and Adolescents: A Population-Based Study. <i>Children</i> , 2020, 7, 241.	0.6	7
46	2017 Clinical practice guidelines for dyslipidemia of Korean children and adolescents. <i>Clinical and Experimental Pediatrics</i> , 2020, 63, 454-462.	0.9	7
47	A case of thyrotoxic periodic paralysis as initial manifestation of Graves' disease in a 16-year-old Korean adolescent. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2014, 19, 169.	0.8	7
48	Next-generation sequencing-based mutational analysis of idiopathic short stature and isolated growth hormone deficiency in Korean pediatric patients. <i>Molecular and Cellular Endocrinology</i> , 2022, 544, 111489.	1.6	7
49	Final height and insulin-like growth factor-1 in children with medulloblastoma treated with growth hormone. <i>Child's Nervous System</i> , 2013, 29, 1859-1863.	0.6	6
50	Vitamin D status is associated with bone mineral density in adolescents: Findings from the Korea National Health and Nutrition Examination Survey. <i>Nutrition Research</i> , 2021, 87, 13-21.	1.3	6
51	Two cases of 17 α -hydroxylase/17,20-lyase deficiency caused by the CYP17A1 mutation. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2021, 26, 66-70.	0.8	6
52	A case of primary hyperparathyroidism due to an intrathyroidal ectopic parathyroid adenoma in a 15-year-old boy. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2020, 25, 187-191.	0.8	6
53	Incidence rate of congenital scoliosis estimated from a nationwide health insurance database. <i>Scientific Reports</i> , 2021, 11, 5507.	1.6	5
54	Sex hormone binding globulin, free estradiol index, and lipid profiles in girls with precocious puberty. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2013, 18, 81.	0.8	5

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55	Insulin Requirement and Complications Associated With Serum C-Peptide Decline in Patients With Type 1 Diabetes Mellitus During 15 Years After Diagnosis. <i>Frontiers in Endocrinology</i> , 2022, 13, 869204.	1.5	5
56	Hypodipsic hyponatremia leading to reversible renal failure following surgery for craniopharyngioma. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2012, 25, 1027-30.	0.4	4
57	Once-weekly supervised combined training improves neurocognitive and psychobehavioral outcomes in young patients with type 1 diabetes mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 1341-1350.	0.4	4
58	Hypotonic hyponatremia by primary polydipsia caused brain death in a 10-year-old boy. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 166.	0.8	4
59	Effect of agricultural pesticide on precocious puberty in urban children: an exploratory study. <i>Clinical and Experimental Pediatrics</i> , 2020, 63, 146-150.	0.9	4
60	Sexual precocity in hypomelanosis of Ito: mosaicism-associated case report and literature review. <i>International Journal of Dermatology</i> , 2011, 50, 168-174.	0.5	3
61	Sex Hormone-Binding Globulin Is Associated with Obesity and Dyslipidemia in Prepubertal Children. <i>Children</i> , 2020, 7, 272.	0.6	3
62	Testosterone Levels in Adolescents and Young Men with Type 1 Diabetes and Their Association with Diabetic Nephropathy. <i>Biology</i> , 2021, 10, 615.	1.3	3
63	Annual incidence and prevalence of obesity in childhood and young adulthood based on a 30-year longitudinal population-based cohort study in Korea: the Kangwha study. <i>Annals of Epidemiology</i> , 2021, 62, 1-6.	0.9	3
64	Turner syndrome with spinal hemorrhage due to vascular malformation. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2015, 20, 235.	0.8	3
65	A patient with Cushing disease lateralizing a pituitary adenoma by inferior petrosal sinus sampling using desmopressin: a case report. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2016, 21, 43.	0.8	3
66	Frequencies and Related Factors for Microvascular Complications in Patients with Type 1 Diabetes. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2012, 17, 16.	0.8	3
67	A novel compound heterozygous mutation of the AIRE gene in a patient with autoimmune polyendocrine syndrome type 1. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2019, 24, 248-252.	0.8	3
68	Central precocious puberty may be a manifestation of endocrine dysfunction in pediatric patients with mitochondrial disease. <i>European Journal of Pediatrics</i> , 2021, 180, 425-432.	1.3	2
69	Prevalence and treatment of pediatric dyslipidemia. <i>Journal of the Korean Medical Association</i> , 2021, 64, 410-415.	0.1	2
70	Identification of a novel point mutation in DAX-1 gene in a patient with adrenal hypoplasia congenita. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2021, 26, 126-129.	0.8	2
71	Management of Central Precocious Puberty in Children with Hypothalamic Hamartoma. <i>Children</i> , 2021, 8, 711.	0.6	2
72	A boy with 46,X,+mar presenting gynecomastia and short stature. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2017, 22, 266-271.	0.8	2

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73	Use of heteroplasmy rates for determining MELAS phenotype: a reply. <i>European Journal of Endocrinology</i> , 2021, 184, L7-L8.	1.9	1
74	Male patients presenting with rapidly progressive puberty associated with malignant tumors. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2016, 21, 51.	0.8	1
75	Visceral fat thickness and its associations with pubertal and metabolic parameters among girls with precocious puberty. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2018, 23, 81-87.	0.8	1
76	Proton-Pump Inhibitor-Induced Hypocalcemia and Hypomagnesemia. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2012, 17, 249.	0.8	1
77	Effect of the Orally Active Growth Hormone Secretagogue MK-677 on Somatic Growth in Rats. <i>Yonsei Medical Journal</i> , 2018, 59, 1174.	0.9	0
78	Ease of Use, Preference, and Safety of the Recombinant Human Growth Hormone Disposable Pen Compared with the Reusable Device: A Multicenter, Single-Arm, Open-Label, Switch-Over, Prospective, Phase IV Trial. <i>Patient Preference and Adherence</i> , 2019, Volume 13, 2195-2205.	0.8	0
79	12-year Trends in Lipid Levels in Korean Children and Adolescents: A Cross-sectional Study Based on the Korea National Health and Nutrition Examination Survey. <i>Journal of the Endocrine Society</i> , 2021, 5, A656-A656.	0.1	0
80	Painful Hashimoto Thyroiditis in a 7-Year-Old Girl: Differential Diagnosis and Medical Treatment. <i>International Journal of Thyroidology</i> , 2021, 14, 50-54.	0.1	0
81	Commentary on "Ambient air pollution and endocrinologic disorders in childhood". <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2021, 26, 135-135.	0.8	0
82	A Case of Idiopathic Hypomagnesemia with Hypocalcemia Presenting as Generalized Tonic-Clonic Seizure. <i>Journal of Korean Society of Pediatric Endocrinology</i> , 2011, 16, 193.	0.2	0
83	SAT-278 Changes in Biochemical and Electrocardiographic Findings During Insulin Tolerance Test. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
84	Diagnosis and Treatment of Central Precocious Puberty. <i>The Ewha Medical Journal</i> , 2021, 44, 117-121.	0.1	0
85	Cushing syndrome with acute kidney injury due to ureteral stones in a 6-year-old boy. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2020, 25, 277-281.	0.8	0
86	MON-387 Association Between Vitamin D Level and Bone Mineral Density in Korean Adolescents. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
87	MON-106 Prevalence and Incidence of Obesity in Children and Young Adults in Korea: The Kangwha Study. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0