

Andrea Kelly

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

3,608
citations

147566

31
h-index

155451

55
g-index

103
all docs

103
docs citations

103
times ranked

4789
citing authors

#	ARTICLE	IF	CITATIONS
1	Height Adjustment in Assessing Dual Energy X-Ray Absorptiometry Measurements of Bone Mass and Density in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1265-1273.	1.8	368
2	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. <i>Genome Biology</i> , 2021, 22, 1.	3.8	239
3	The stepwise assembly of the neonatal virome is modulated by breastfeeding. <i>Nature</i> , 2020, 581, 470-474.	13.7	185
4	Update on cystic fibrosis-related diabetes. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 318-331.	0.3	160
5	Clinical Effectiveness of Elexacaftor/Tezacaftor/Ivacaftor in People with Cystic Fibrosis: A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 529-539.	2.5	147
6	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. <i>Pediatrics</i> , 2016, 137, .	1.0	135
7	Hypocalcemia in the Critically Ill patient. <i>Journal of Intensive Care Medicine</i> , 2013, 28, 166-177.	1.3	134
8	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. <i>JAMA Pediatrics</i> , 2017, 171, e171769.	3.3	112
9	Acute Insulin Responses to Leucine in Children with the Hyperinsulinism/Hyperammonemia Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3724-3728.	1.8	90
10	Age-Based Reference Ranges for Annual Height Velocity in US Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2104-2112.	1.8	90
11	Biomarkers of Insulin for the Diagnosis of Hyperinsulinemic Hypoglycemia in Infants and Children. <i>Journal of Pediatrics</i> , 2016, 168, 212-219.	0.9	86
12	Disorders of glutamate metabolism. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2001, 7, 287-295.	3.5	82
13	A cross-sectional study of vitamin D and insulin resistance in children. <i>Archives of Disease in Childhood</i> , 2011, 96, 447-452.	1.0	80
14	Islet Hormone and Incretin Secretion in Cystic Fibrosis after Four Months of Ivacaftor Therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 342-351.	2.5	77
15	Catecholamines, Adiponectin, and Insulin Resistance as Measured by HOMA in Children with Obstructive Sleep Apnea. <i>Sleep</i> , 2010, 33, 1185-1191.	0.6	70
16	Bacterial colonization reprograms the neonatal gut metabolome. <i>Nature Microbiology</i> , 2020, 5, 838-847.	5.9	70
17	Body Composition and Pulmonary Function in Cystic Fibrosis. <i>Frontiers in Pediatrics</i> , 2014, 2, 33.	0.9	64
18	Reduced β -Cell Secretory Capacity in Pancreatic-Insufficient, but Not Pancreatic-Sufficient, Cystic Fibrosis Despite Normal Glucose Tolerance. <i>Diabetes</i> , 2017, 66, 134-144.	0.3	62

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19	Body Mass Index Is a Better Indicator of Body Composition than Weight-for-Length at Age 1 Month. <i>Journal of Pediatrics</i> , 2019, 204, 77-83.e1.	0.9	59
20	Poor Specificity of Low Growth Hormone and Cortisol Levels During Fasting Hypoglycemia for the Diagnoses of Growth Hormone Deficiency and Adrenal Insufficiency. <i>Pediatrics</i> , 2008, 122, e522-e528.	1.0	52
21	A trans-ethnic genome-wide association study identifies gender-specific loci influencing pediatric aBMD and BMC at the distal radius. <i>Human Molecular Genetics</i> , 2015, 24, 5053-5059.	1.4	48
22	Vitamin D Deficiency Is Associated With Poor Ovarian Stimulation Outcome in PCOS but Not Unexplained Infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 369-378.	1.8	42
23	Vitamin D deficiency and its treatment in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, S66-S73.	0.3	41
24	Glutaminolysis and Insulin Secretion: From Bedside to Bench and Back. <i>Diabetes</i> , 2002, 51, S421-S426.	0.3	40
25	Deficits in Bone Mineral Content in Children and Adolescents With Cystic Fibrosis Are Related to Height Deficits. <i>Journal of Clinical Densitometry</i> , 2008, 11, 581-589.	0.5	40
26	Metabolic Bone Disease Screening Practices Among U.S. Neonatologists. <i>Clinical Pediatrics</i> , 2014, 53, 1077-1083.	0.4	39
27	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1676-1683.	3.1	39
28	Lumbar Spine Bone Mineral Apparent Density in Children: Results from the Bone Mineral Density in Childhood Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1283-1292.	1.8	39
29	PROMISE: Working with the CF community to understand emerging clinical and research needs for those treated with highly effective CFTR modulator therapy. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 205-212.	0.3	39
30	Î²-Cell secretory defects are present in pancreatic insufficient cystic fibrosis with 1-hour oral glucose tolerance test glucose ≥ 155 mg/dL. <i>Pediatric Diabetes</i> , 2018, 19, 1173-1182.	1.2	38
31	A Longitudinal Study of Estrogen-Responsive Tissues and Hormone Concentrations in Infants Fed Soy Formula. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1899-1909.	1.8	37
32	Long-Term Parathyroid Hormone 1-34 Replacement Therapy in Children with Hypoparathyroidism. <i>Journal of Pediatrics</i> , 2018, 203, 391-399.e1.	0.9	36
33	Female reproductive health in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, S95-S104.	0.3	34
34	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1380-1392.	1.8	33
35	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 430-436.	3.1	31
36	A Genomewide Association Study Identifies Two Sex-Specific Loci, at <i>SPTB</i> and <i>IZUMO3</i> , Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1274-1281.	3.1	30

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37	BMD Loci Contribute to Ethnic and Developmental Differences in Skeletal Fragility across Populations: Assessment of Evolutionary Selection Pressures. <i>Molecular Biology and Evolution</i> , 2015, 32, 2961-2972.	3.5	29
38	Trabecular and cortical bone deficits are present in children and adolescents with cystic fibrosis. <i>Bone</i> , 2016, 90, 7-14.	1.4	29
39	Acute Insulin Responses to Leucine in Children with the Hyperinsulinism/Hyperammonemia Syndrome. , 0, .		29
40	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1504-1512.	3.1	28
41	Cardiometabolic Risk and Body Composition in Youth With Down Syndrome. <i>Pediatrics</i> , 2019, 144, .	1.0	26
42	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 789-795.	3.1	24
43	Caregiver-Reported Quality of Life in Youth with Down Syndrome. <i>Journal of Pediatrics</i> , 2017, 189, 98-104.e1.	0.9	24
44	Puberty in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, S88-S94.	0.3	24
45	Body composition estimation using skinfolds in children with and without health conditions affecting growth and body composition. <i>Annals of Human Biology</i> , 2017, 44, 108-120.	0.4	22
46	Poor Glycemic Control Is Associated With Impaired Bone Accrual in the Year Following a Diagnosis of Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4511-4520.	1.8	22
47	Elevation of one hour plasma glucose during oral glucose tolerance testing. <i>Pediatric Pulmonology</i> , 2015, 50, 963-969.	1.0	21
48	Rare <i>EN1</i> Variants and Pediatric Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1513-1517.	3.1	20
49	The relationship between sleep-disordered breathing, blood pressure, and urinary cortisol and catecholamines in children. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 907-916.	1.4	20
50	Bone Mass and Density in Youth With Type 2 Diabetes, Obesity, and Healthy Weight. <i>Diabetes Care</i> , 2020, 43, 2544-2552.	4.3	19
51	Size of testes, ovaries, uterus and breast buds by ultrasound in healthy full-term neonates ages 0-3 days. <i>Pediatric Radiology</i> , 2016, 46, 1837-1847.	1.1	18
52	Effect of Sitagliptin on Islet Function in Pancreatic Insufficient Cystic Fibrosis With Abnormal Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2617-2634.	1.8	17
53	Pediatric Reference Ranges for Ultradistal Radius Bone Density: Results from the Bone Mineral Density in Childhood Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3529-e3539.	1.8	16
54	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 115-124.	3.1	15

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55	Changes in pediatric DXA measures of musculoskeletal outcomes and correlation with quantitative CT following treatment of acute lymphoblastic leukemia. <i>Bone</i> , 2018, 112, 128-135.	1.4	13
56	Hypoglycemia and Islet Dysfunction Following Oral Glucose Tolerance Testing in Pancreatic-Insufficient Cystic Fibrosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3179-3189.	1.8	13
57	Dysregulated insulin in pancreatic insufficient cystic fibrosis with post-prandial hypoglycemia. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 310-315.	0.3	11
58	Calcitriol treatment in metabolic bone disease of prematurity with elevated parathyroid hormone: A preliminary study. <i>Journal of Clinical and Translational Endocrinology</i> , 2015, 2, 14-20.	1.0	10
59	Sex differences in the associations of visceral adiposity, homeostatic model assessment of insulin resistance, and body mass index with lipoprotein subclass analysis in obese adolescents. <i>Journal of Clinical Lipidology</i> , 2016, 10, 757-766.	0.6	10
60	Vitamin D3 supplementation in obese, African-American, vitamin D deficient adolescents. <i>Journal of Clinical and Translational Endocrinology</i> , 2018, 12, 1-7.	1.0	9
61	Endocrine complications after solid-organ transplant in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, S111-S119.	0.3	9
62	Abnormal glucose tolerance and the 50-gram glucose challenge test in Cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 696-699.	0.3	9
63	Reproductive Hormone Concentrations and Associated Anatomical Responses: Does Soy Formula Affect Minipuberty in Boys?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2635-2645.	1.8	9
64	Sarcopenia and preserved bone mineral density in paediatric survivors of high-risk neuroblastoma with growth failure. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1024-1033.	2.9	9
65	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 812-821.	3.1	8
66	Intermachine differences in DXA measurements vary by skeletal site, and impact the assessment of low bone density in children. <i>Bone</i> , 2020, 141, 115581.	1.4	8
67	Neck fat and obstructive sleep apnea in obese adolescents. <i>Sleep</i> , 2021, 44, .	0.6	8
68	Endocrine-sensitive physical endpoints in newborns: ranges and predictors. <i>Pediatric Research</i> , 2021, 89, 660-666.	1.1	8
69	Friedreich's Ataxia related Diabetes: Epidemiology and management practices. <i>Diabetes Research and Clinical Practice</i> , 2022, 186, 109828.	1.1	8
70	Patient and parent perceptions of the diagnosis and management of cystic fibrosis-related diabetes. <i>Journal of Clinical and Translational Endocrinology</i> , 2014, 1, 100-107.	1.0	7
71	Relationships of Body Composition to Cardiac Structure and Function in Adolescents With Down Syndrome are Different than in Adolescents Without Down Syndrome. <i>Pediatric Cardiology</i> , 2019, 40, 421-430.	0.6	7
72	Genetic potential and height velocity during childhood and adolescence do not fully account for shorter stature in cystic fibrosis. <i>Pediatric Research</i> , 2021, 89, 653-659.	1.1	7

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73	Effects of GLP-1 and GIP on Islet Function in Glucose-Intolerant, Pancreatic-Insufficient Cystic Fibrosis. <i>Diabetes</i> , 2022, 71, 2153-2165.	0.3	7
74	<scp>Realâ€world</scp> treatment escalation from metformin monotherapy in <scp>youthâ€onset</scp> Type 2 diabetes mellitus: A retrospective cohort study. <i>Pediatric Diabetes</i> , 2021, 22, 861-871.	1.2	6
75	An update on methods for assessing bone quality and health in Cystic fibrosis. <i>Journal of Clinical and Translational Endocrinology</i> , 2022, 27, 100281.	1.0	6
76	Incidental findings during ultrasound of thyroid, breast, testis, uterus and ovary in healthy term neonates. <i>Journal of Ultrasound</i> , 2019, 22, 395-400.	0.7	5
77	Association between prediabetes diagnosis and body mass index trajectory of overweight and obese adolescents. <i>Pediatric Diabetes</i> , 2020, 21, 743-746.	1.2	5
78	Perceptions of Diabetes Technology Use in Cystic Fibrosis-Related Diabetes Management. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 753-759.	2.4	5
79	Neurological aspects in hyperinsulinismâ€hyperammonaemia syndrome. <i>Developmental Medicine and Child Neurology</i> , 2008, 50, 888-888.	1.1	4
80	Postmenopausal osteoporotic fracture-associated COL1A1 variant impacts bone accretion in girls. <i>Bone</i> , 2019, 121, 221-226.	1.4	4
81	Text Messages and Financial Incentives to Increase Physical Activity in Adolescents With Prediabetes and Type 2 Diabetes: Web-Based Group Interviews to Inform Intervention Design. <i>JMIR Diabetes</i> , 2022, 7, e33082.	0.9	4
82	Reference Ranges for Bone Mineral Content and Density by Dual Energy X-Ray Absorptiometry for Young Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3887-e3900.	1.8	4
83	Physical Activity and Bone Accretion. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 977-986.	0.2	3
84	Sexâ€based differences in screening and recognition of preâ€diabetes and type 2 diabetes in pediatric primary care. <i>Pediatric Obesity</i> , 2021, 16, e12699.	1.4	3
85	CYP11B1 variants influence skeletal maturation via alternative splicing. <i>Communications Biology</i> , 2021, 4, 1274.	2.0	3
86	Bone accrual and structural changes over one year in youth with cystic fibrosis. <i>Journal of Clinical and Translational Endocrinology</i> , 2022, 28, 100297.	1.0	3
87	Prevalence of unsuspected abnormal echocardiograms in adolescents with down syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 2420-2424.	0.7	2
88	Cross-Sectional Study of Arterial Stiffness in Adolescents with Down Syndrome. <i>Journal of Pediatrics</i> , 2019, 212, 79-86.e1.	0.9	2
89	Sugar Substitute?. <i>Journal of Cystic Fibrosis</i> , 2016, 15, 141-142.	0.3	1
90	Adrenal function in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, S74-S81.	0.3	1

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91	Case Report: Low Bone and Normal Lean Mass in Adolescents With Complete Androgen Insensitivity Syndrome. <i>Frontiers in Endocrinology</i> , 2021, 12, 727131.	1.5	1
92	Infant Body Mass Index or Weight-for-Length and Risk of Undernutrition in Childhood Among Children with Cystic Fibrosis. <i>Journal of Pediatrics</i> , 2022, 243, 116-121.e3.	0.9	1
93	Characterization of glucose metabolism in youth with vs. without cystic fibrosis liver disease: A pilot study. <i>Journal of Clinical and Translational Endocrinology</i> , 2022, 28, 100296.	1.0	1
94	Preface. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020, 49, xiii-xiv.	1.2	0
95	Dietary Patterns and Growth From 12 to 24 Months of Age in African American Infants. <i>Current Developments in Nutrition</i> , 2021, 5, 454.	0.1	0
96	Response to Letter to the Editor From Pierre BougnÃ'es: "Reproductive Hormone Concentrations and Associated Anatomical Responses: Does Soy Formula Affect Minipuberty in Boys?" <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e894-e895.	1.8	0
97	MON-184 Hypoglycemia During Mixed Meal Tolerance Testing and Early Glucose Dysregulation in Cystic Fibrosis. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
98	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
99	MON-LB030 Muscle Mitochondrial Oxidative Phosphorylation Capacity and Whole Body Glucose Metabolism in Friedreich's Ataxia. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
100	0522 Level II Home Sleep Apnea Testing Compared to In-Lab Polysomnography for the Evaluation of Obstructive Sleep Apnea in Youth with Down Syndrome. <i>Sleep</i> , 2022, 45, A230-A230.	0.6	0