Heidi J Kalkwarf

List of Publications by Year
in descending order

72	3,833	186265 28	128289 60
papers	citations	h-index	g-index

72	72	72	4632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual Energy X-ray Absorptiometry Interpretation and Reporting in Children and Adolescents: The 2007 ISCD Pediatric Official Positions. Journal of Clinical Densitometry, 2008, 11, 43-58.	1.2	480
2	Revised Reference Curves for Bone Mineral Content and Areal Bone Mineral Density According to Age and Sex for Black and Non-Black Children: Results of the Bone Mineral Density in Childhood Study. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3160-3169.	3.6	396
3	Milk intake during childhood and adolescence, adult bone density, and osteoporotic fractures in US women. American Journal of Clinical Nutrition, 2003, 77, 257-265.	4.7	361
4	The Bone Mineral Density in Childhood Study: Bone Mineral Content and Density According to Age, Sex, and Race. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2087-2099.	3.6	345
5	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. Genome Biology, 2021, 22, 1.	8.8	239
6	Bone Mineral Changes During Pregnancy and Lactation. Endocrine, 2002, 17, 49-54.	2.2	146
7	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. JAMA Pediatrics, 2017, 171, e171769.	6.2	112
8	Dietary patterns associated with fat and bone mass in young children. American Journal of Clinical Nutrition, 2010, 92, 294-303.	4.7	103
9	Tracking of Bone Mass and Density during Childhood and Adolescence. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1690-1698.	3.6	102
10	Lower Newborn Bone Mineral Content Associated With Maternal Use of Tenofovir Disoproxil Fumarate During Pregnancy. Clinical Infectious Diseases, 2015, 61, 996-1003.	5.8	97
11	Longitudinal Tracking of Dual-Energy X-ray Absorptiometry Bone Measures Over 6 Years in Children and Adolescents: Persistence of Low Bone Mass to Maturity. Journal of Pediatrics, 2014, 164, 1280-1285.e2.	1.8	96
12	Vitamin K, bone turnover, and bone mass in girls. American Journal of Clinical Nutrition, 2004, 80, 1075-1080.	4.7	86
13	Bone Densitometry in Infants and Young Children: The 2013 ISCD Pediatric Official Positions. Journal of Clinical Densitometry, 2014, 17, 243-257.	1.2	78
14	Child Care Center Characteristics Associated With Preschoolersâ€™ Physical Activity. American Journal of Preventive Medicine, 2016, 50, 470-479.	3.0	60
15	Bone mineral content and density of the lumbar spine of infants and toddlers: Influence of age, sex, race, growth, and human milk feeding. Journal of Bone and Mineral Research, 2013, 28, 206-212.	2.8	58
16	A trans-ethnic genome-wide association study identifies gender-specific loci influencing pediatric aBMD and BMC at the distal radius. Human Molecular Genetics, 2015, 24, 5053-5059.	2.9	48
17	Low bone mineral density and fractures are highly prevalent in pediatric patients with spinal muscular atrophy regardless of disease severity. Neuromuscular Disorders, 2017, 27, 331-337.	0.6	48
18	Are Mealtime Best Practice Guidelines for Child Care Centers Associated with Energy, Vegetable, and Fruit Intake?. Childhood Obesity, 2016, 12, 52-58.	1.5	47

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19	Vitamin D deficiency is common in children and adolescents with chronic kidney disease. Kidney International, 2012, 81, 690-697.	5.2	45
20	Body Composition and BMI Growth Charts in Children With Down Syndrome. Pediatrics, 2016, 138, .	2.1	40
21	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. Journal of Bone and Mineral Research, 2015, 30, 1676-1683.	2.8	39
22	Lumbar Spine Bone Mineral Apparent Density in Children: Results from the Bone Mineral Density in Childhood Study. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1283-1292.	3.6	39
23	Assessment of dual-energy x-ray absorptiometry measures of bone health in pediatric chronic kidney disease. Pediatric Nephrology, 2012, 27, 1139-1148.	1.7	37
24	Adolescent follow-up in the Health Outcomes and Measures of the Environment (HOME) Study: cohort profile. BMJ Open, 2020, 10, e034838.	1.9	37
25	Gestational perfluoroalkyl substance exposure and body mass index trajectories over the first 12 years of life. International Journal of Obesity, 2021, 45, 25-35.	3.4	36
26	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1380-1392.	3.6	33
27	Exposure to Per- and Polyfluoroalkyl Substances and Adiposity at Age 12 Years: Evaluating Periods of Susceptibility. Environmental Science & Technology, 2020, 54, 16039-16049.	10.0	33
28	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. Journal of Bone and Mineral Research, 2018, 33, 430-436.	2.8	31
29	A Genomewide Association Study Identifies Two Sexâ€Specific Loci, at SPTB and IZUMO3, Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. Journal of Bone and Mineral Research, 2017, 32, 1274-1281.	2.8	30
30	Nutritional Risks in Adolescents After Bariatric Surgery. Clinical Gastroenterology and Hepatology, 2020, 18, 1070-1081.e5.	4.4	30
31	BMD Loci Contribute to Ethnic and Developmental Differences in Skeletal Fragility across Populations: Assessment of Evolutionary Selection Pressures. Molecular Biology and Evolution, 2015, 32, 2961-2972.	8.9	29
32	Gestational and childhood exposure to per- and polyfluoroalkyl substances and cardiometabolic risk at age 12 years. Environment International, 2021, 147, 106344.	10.0	29
33	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. Journal of Bone and Mineral Research, 2016, 31, 1504-1512.	2.8	28
34	Lactation and Maternal Bone Health. Advances in Experimental Medicine and Biology, 2004, 554, 101-114.	1.6	26
35	Pediatric Bone Mineral Accrual Z-Score Calculation Equations and Their Application in Childhood Disease. Journal of Bone and Mineral Research, 2019, 34, 195-203.	2.8	25
36	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. Journal of Bone and Mineral Research, 2016, 31, 789-795.	2.8	24

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37	Change in gastrointestinal symptoms over the first 5â€¯years after bariatric surgery in a multicenter cohort of adolescents. Journal of Pediatric Surgery, 2019, 54, 1220-1225.	1.6	24
38	Impact of Earlyâ€Life Weight Status on Cognitive Abilities in Children. Obesity, 2018, 26, 1088-1095.	3.0	23
39	Associations of Maternal Serum Perfluoroalkyl Substances Concentrations with Early Adolescent Bone Mineral Content and Density: The Health Outcomes and Measures of the Environment (HOME) Study. Environmental Health Perspectives, 2021, 129, 97011.	6.0	21
40	Rare EN1 Variants and Pediatric Bone Mass. Journal of Bone and Mineral Research, 2016, 31, 1513-1517.	2.8	20
41	Accurate body composition measures from wholeâ€body silhouettes. Medical Physics, 2015, 42, 4668-4677.	3.0	17
42	Comparison of an interviewer-administered with an automated self-administered 24 h (ASA24) dietary recall in adolescents. Public Health Nutrition, 2017, 20, 3060-3067.	2.2	17
43	Bone fragility in Turner syndrome: Fracture prevalence and risk factors determined by a national patient survey. Clinical Endocrinology, 2018, 89, 46-55.	2.4	16
44	Pediatric Reference Ranges for Ultradistal Radius Bone Density: Results from the Bone Mineral Density in Childhood Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3529-e3539.	3.6	16
45	Relative Accuracy of Bioelectrical Impedance Analysis for Assessing Body Composition in Children With Severe Obesity. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, e129-e135.	1.8	16
46	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. Journal of Bone and Mineral Research, 2017, 32, 115-124.	2.8	15
47	Associations of mid-childhood bisphenol A and bisphenol S exposure with mid-childhood and adolescent obesity. Environmental Epidemiology, 2022, 6, e187.	3.0	13
48	Neonatal Adipocytokines and Longitudinal Patterns of Childhood Growth. Obesity, 2019, 27, 1323-1330.	3.0	12
49	Bone Density and Timing of Puberty in a Longitudinal Study of Girls. Journal of Pediatric and Adolescent Gynecology, 2015, 28, 170-172.	0.7	11
50	Infant Weight and Length Growth Trajectories Modeled Using Superimposition by Translation and Rotation Are Differentially Associated with Body Composition Components at 3 and 7 Years of Age. Journal of Pediatrics, 2018, 196, 182-188.e1.	1.8	11
51	Patterns of early life body mass index and childhood overweight and obesity status at eight years of age. BMC Pediatrics, 2018, 18, 161.	1.7	11
52	Trabecular Bone Score Reference Values for Children and Adolescents According to Age, Sex, and Ancestry. Journal of Bone and Mineral Research, 2020, 37, 776-785.	2.8	11
53	Abnormalities in serum biomarkers correlate with lower cardiac index in the Fontan population. Cardiology in the Young, 2017, 27, 59-68.	0.8	10
54	Comparing adolescent self staging of pubertal development with hormone biomarkers. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 1531-1541.	0.9	10

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55	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. Journal of Bone and Mineral Research, 2018, 33, 812-821.	2.8	8
56	Longitudinal Assessment of Sleep Trajectories during Early Childhood and Their Association with Obesity. Childhood Obesity, 2020, 16, 211-217.	1.5	8
57	Intermachine differences in DXA measurements vary by skeletal site, and impact the assessment of low bone density in children. Bone, 2020, 141, 115581.	2.9	8
58	Longitudinal Diet Quality Trajectories Suggest Targets for Diet Improvement in Early Childhood. Journal of the Academy of Nutrition and Dietetics, 2021, 121, 1273-1283.	0.8	8
59	Ageâ€related changes in appendicular lean mass in males with Duchenne muscular dystrophy: A retrospective review. Muscle and Nerve, 2021, 63, 231-238.	2.2	8
60	Associations of pregnancy phthalate concentrations and their mixture with early adolescent bone mineral content and density: The Health Outcomes and Measures of the Environment (HOME) study. Bone, 2022, 154, 116251.	2.9	7
61	Postmenopausal osteoporotic fracture-associated COLIA1 variant impacts bone accretion in girls. Bone, 2019, 121, 221-226.	2.9	4
62	Prevalence and Predictors of Compromised Bone Mineral Density in Pediatric Eosinophilic Esophagitis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 764-770.	1.8	4
63	Reference Ranges for Bone Mineral Content and Density by Dual Energy X-Ray Absorptiometry for Young Children. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3887-e3900.	3.6	4
64	CYP11B1 variants influence skeletal maturation via alternative splicing. Communications Biology, 2021, 4, 1274.	4.4	3
65	Neonatal and Adolescent Adipocytokines as Predictors of Adiposity and Cardiometabolic Risk in Adolescence. Obesity, 2021, 29, 1036-1045.	3.0	2
66	Gestational and childhood phthalate exposures and adolescent body composition: The HOME study. Environmental Research, 2022, 212, 113320.	7.5	2
67	Associations of mothers' source of feeding information with longitudinal trajectories of sugarâ€sweetened beverage intake, 100% juice intake and adiposity in early childhood. Pediatric Obesity, 2021, 16, e12746.	2.8	0
68	Physical activity modifies the association between prenatal perfluorooctanoic acid exposure and adolescent cardiometabolic risk. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
69	Identifying periods of susceptibility to perfluoroalkyl substances and bone mineral density in early adolescence: the HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
70	Gestational organophosphate ester exposures and bone mineral density in early adolescence: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
71	Gestational and early childhood phthalate exposures and adolescent body composition: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
72	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. Journal of the Endocrine Society, 2019, 3, .	0.2	0