

Jonathan A Mitchell

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,190

citations

26

h-index

46

g-index

67

ext. papers

2,601

ext. citations

5.2

avg, IF

4.87

L-index

#	Paper	IF	Citations
63	Sedentary behaviour in youth. <i>British Journal of Sports Medicine</i> , 2011 , 45, 906-13	10.3	242
62	Time spent in sedentary behavior and changes in childhood BMI: a longitudinal study from ages 9 to 15 years. <i>International Journal of Obesity</i> , 2013 , 37, 54-60	5.5	161
61	Measurement of physical activity in preschool children. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 508-12	1.2	135
60	Sedentary behavior and obesity in a large cohort of children. <i>Obesity</i> , 2009 , 17, 1596-602	8	106
59	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. <i>Pediatrics</i> , 2016 , 137,	7.4	93
58	Sleep duration and adolescent obesity. <i>Pediatrics</i> , 2013 , 131, e1428-34	7.4	90
57	Greater screen time is associated with adolescent obesity: a longitudinal study of the BMI distribution from Ages 14 to 18. <i>Obesity</i> , 2013 , 21, 572-5	8	87
56	A prospective study of sedentary behavior in a large cohort of youth. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1081-7	1.2	79
55	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017 , 101, 227-238	11	76
54	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. <i>JAMA Pediatrics</i> , 2017 , 171, e171769	8.3	74
53	Parental and environmental correlates of physical activity of children attending preschool. <i>JAMA Pediatrics</i> , 2011 , 165, 939-44		70
52	Comparison of Accelerometry Methods for Estimating Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 617-624	1.2	64
51	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. <i>Genome Biology</i> , 2021 , 22, 1	18.3	58
50	Variation in actigraphy-estimated rest-activity patterns by demographic factors. <i>Chronobiology International</i> , 2017 , 34, 1042-1056	3.6	50
49	FTO genotype and the weight loss benefits of moderate intensity exercise. <i>Obesity</i> , 2010 , 18, 641-3	8	50
48	GPS-Based Exposure to Greenness and Walkability and Accelerometry-Based Physical Activity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 525-532	4	49
47	Sedentary Behavior and Health Outcomes in Children and Adolescents. <i>American Journal of Lifestyle Medicine</i> , 2014 , 8, 173-199	1.9	47

46	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	3.6	43
45	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, 5053-9	5.6	40
44	Body mass index (BMI) trajectories in infancy differ by population ancestry and may presage disparities in early childhood obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1551-60	5.6	37
43	The impact of combined health factors on cardiovascular disease mortality. <i>American Heart Journal</i> , 2010 , 160, 102-8	4.9	37
42	Objectively measured sedentary time, physical activity and markers of body fat in preschool children. <i>Pediatric Exercise Science</i> , 2013 , 25, 154-63	2	34
41	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1676-83	6.3	32
40	Obesity-susceptibility loci and the tails of the pediatric BMI distribution. <i>Obesity</i> , 2013 , 21, 1256-60	8	31
39	No Evidence of Reciprocal Associations between Daily Sleep and Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1950-6	1.2	30
38	Actigraphy-Derived Daily Rest-Activity Patterns and Body Mass Index in Community-Dwelling Adults. <i>Sleep</i> , 2017 , 40,	1.1	26
37	A Genomewide Association Study Identifies Two Sex-Specific Loci, at SPTB and IZUMO3, Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1274-1281	6.3	24
36	Physical Activity and Pediatric Obesity: A Quantile Regression Analysis. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 466-473	1.2	24
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	6.3	24
34	The relations between sleep, time of physical activity, and time outdoors among adult women. <i>PLoS ONE</i> , 2017 , 12, e0182013	3.7	22
33	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, 1504-12	6.3	22
32	Height and Body Mass Index as Modifiers of Breast Cancer Risk in BRCA1/2 Mutation Carriers: A Mendelian Randomization Study. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 350-364	9.7	22
31	Screen-based sedentary behavior and cardiorespiratory fitness from age 11 to 13. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1302-9	1.2	19
30	A prospective study of sedentary behavior and changes in the body mass index distribution. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 2244-52	1.2	18
29	Zeitgebers and their association with rest-activity patterns. <i>Chronobiology International</i> , 2019 , 36, 203-213	3.6	18

28	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 789-95	6.3	17
27	Rare EN1 Variants and Pediatric Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1513-7	6.3	16
26	Genetics of pediatric bone strength. <i>BoneKEy Reports</i> , 2016 , 5, 823		12
25	Changes in Sleep Duration and Timing During the Middle-to-High School Transition. <i>Journal of Adolescent Health</i> , 2020 , 67, 829-836	5.8	11
24	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 115-124	6.3	11
23	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	4.7	10
22	Changes in cardiovascular disease risk factors from age 9 to 19 and the influence of television viewing. <i>Obesity</i> , 2013 , 21, 386-93	8	6
21	Neighborhood environments and sleep among children and adolescents: A systematic review. <i>Sleep Medicine Reviews</i> , 2021 , 57, 101465	10.2	6
20	Latent profile analysis of accelerometer-measured sleep, physical activity, and sedentary time and differences in health characteristics in adult women. <i>PLoS ONE</i> , 2019 , 14, e0218595	3.7	5
19	Engineering a Mobile Platform to Promote Sleep in the Pediatric Primary Care Setting 2020 ,		5
18	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual through variant-to-gene mapping		5
17	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	6.3	5
16	Targeting Sleep Duration and Timing for Prevention of Adolescent Obesity. <i>JAMA Pediatrics</i> , 2019 , 173, 1018-1020	8.3	4
15	Postmenopausal osteoporotic fracture-associated COL1A1 variant impacts bone accretion in girls. <i>Bone</i> , 2019 , 121, 221-226	4.7	4
14	Ethnic disparities in DNA methylation and risk of type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 491-2	18.1	4
13	Individual- and neighborhood-level education influences the effect of obesity on prostate cancer treatment failure after prostatectomy. <i>Cancer Causes and Control</i> , 2015 , 26, 1329-37	2.8	4
12	Associations of the residential built environment with adolescent sleep outcomes. <i>Sleep</i> , 2021 , 44,	1.1	4
11	Physical Activity and Bone Accretion: Isotemporal Modeling and Genetic Interactions. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 977-986	1.2	3

10	Sex differences in childhood sleep and health implications.. <i>Annals of Human Biology</i> , 2021 , 48, 474-484	1.7	3
9	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	3.2	3
8	GPS-based activity space exposure to greenness and walkability is associated with increased accelerometer-based physical activity. <i>Environment International</i> , 2022 , 165, 107317	12.9	2
7	Adaptation of Bone to Mechanical Strain-Reply. <i>JAMA Pediatrics</i> , 2018 , 172, 196-197	8.3	1
6	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	2.7	1
5	Body Mass Index and Height in the Friedreich Ataxia Clinical Outcome Measures Study. <i>Neurology: Genetics</i> , 2021 , 7, e638	3.8	1
4	Does meeting physical activity recommendations ameliorate association between television viewing with cardiovascular disease risk? A cross-sectional, population-based analysis. <i>BMJ Open</i> , 2020 , 10, e036507	3	0
3	CYP11B1 variants influence skeletal maturation via alternative splicing. <i>Communications Biology</i> , 2021 , 4, 1274	6.7	0
2	Engineering a mobile platform to promote sleep in the pediatric primary care setting. <i>SLEEP Advances</i> , 2021 , 2, zpab006	2.8	0
1	Sufficient sleep duration in autistic children and the role of physical activity.. <i>Autism</i> , 2022 , 13623613211053671	10.5	3671