

# Jonathan A Mitchell

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,121  
citations

172207

29  
h-index

168136

53  
g-index

67  
all docs

67  
docs citations

67  
times ranked

5803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedentary behaviour in youth. <i>British Journal of Sports Medicine</i> , 2011, 45, 906-913.	3.1	287
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	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.	1.6	192
4	Measurement of Physical Activity in Preschool Children. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 508-512.	0.2	167
5	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. <i>Pediatrics</i> , 2016, 137, .	1.0	135
6	Sedentary Behavior and Obesity in a Large Cohort of Children. <i>Obesity</i> , 2009, 17, 1596-1602.	1.5	125
7	Sleep Duration and Adolescent Obesity. <i>Pediatrics</i> , 2013, 131, e1428-e1434.	1.0	119
8	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, 572-575.	1.5	114
9	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.	2.6	112
10	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
11	Variation in actigraphy-estimated rest-activity patterns by demographic factors. <i>Chronobiology International</i> , 2017, 34, 1042-1056.	0.9	86
12	A Prospective Study of Sedentary Behavior in a Large Cohort of Youth. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1081-1087.	0.2	83
13	Parental and Environmental Correlates of Physical Activity of Children Attending Preschool. <i>JAMA Pediatrics</i> , 2011, 165, 939.	3.6	82
14	Comparison of Accelerometry Methods for Estimating Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 617-624.	0.2	81
15	GPS-Based Exposure to Greenness and Walkability and Accelerometry-Based Physical Activity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 525-532.	1.1	69
16	FTO Genotype and the Weight Loss Benefits of Moderate Intensity Exercise. <i>Obesity</i> , 2010, 18, 641-643.	1.5	59
17	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
18	Neighborhood environments and sleep among children and adolescents: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 57, 101465.	3.8	58

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19	Sedentary Behavior and Health Outcomes in Children and Adolescents. <i>American Journal of Lifestyle Medicine</i> , 2014, 8, 173-199.	0.8	56
20	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
21	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, 1551-1560.	1.8	48
22	The impact of combined health factors on cardiovascular disease mortality. <i>American Heart Journal</i> , 2010, 160, 102-108.	1.2	45
23	Actigraphy-Derived Daily Rest—Activity Patterns and Body Mass Index in Community-Dwelling Adults. <i>Sleep</i> , 2017, 40, .	0.6	44
24	The relations between sleep, time of physical activity, and time outdoors among adult women. <i>PLoS ONE</i> , 2017, 12, e0182013.	1.1	41
25	Obesity-susceptibility loci and the tails of the pediatric BMI distribution. <i>Obesity</i> , 2013, 21, 1256-1260.	1.5	39
26	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
27	No Evidence of Reciprocal Associations between Daily Sleep and Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1950-1956.	0.2	38
28	Physical Activity and Pediatric Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 466-473.	0.2	37
29	Objectively Measured Sedentary Time, Physical Activity and Markers of Body Fat in Preschool Children. <i>Pediatric Exercise Science</i> , 2013, 25, 154-163.	0.5	35
30	Zeitgebers and their association with rest-activity patterns. <i>Chronobiology International</i> , 2019, 36, 203-213.	0.9	35
31	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
32	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
33	Height and Body Mass Index as Modifiers of Breast Cancer Risk in <i>BRCA1</i> / <i>2</i> Mutation Carriers: A Mendelian Randomization Study. <i>Journal of the National Cancer Institute</i> , 2019, 111, 350-364.	3.0	30
34	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
35	GPS-based activity space exposure to greenness and walkability is associated with increased accelerometer-based physical activity. <i>Environment International</i> , 2022, 165, 107317.	4.8	27
36	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

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37	Screen-Based Sedentary Behavior and Cardiorespiratory Fitness from Age 11 to 13. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1302-1309.	0.2	23
38	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, 2244-2252.	0.2	22
39	Rare <i>EN1</i> Variants and Pediatric Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1513-1517.	3.1	20
40	Changes in Sleep Duration and Timing During the Middle-to-High School Transition. <i>Journal of Adolescent Health</i> , 2020, 67, 829-836.	1.2	20
41	Associations of the residential built environment with adolescent sleep outcomes. <i>Sleep</i> , 2021, 44, .	0.6	18
42	Genetics of pediatric bone strength. <i>BoneKEy Reports</i> , 2016, 5, 823.	2.7	18
43	Telomere Length and Neighborhood Circumstances: Evaluating Biological Response to Unfavorable Exposures. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 553-560.	1.1	17
44	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
45	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
46	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.	1.1	12
47	Sex differences in childhood sleep and health implications. <i>Annals of Human Biology</i> , 2021, 48, 474-484.	0.4	10
48	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
49	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
50	The relationship between autism spectrum and <sc>sleep&quot;wake</sc> traits. <i>Autism Research</i> , 2022, 15, 641-652.	2.1	7
51	Changes in cardiovascular disease risk factors from age 9 to 19 and the influence of television viewing. <i>Obesity</i> , 2013, 21, 386-393.	1.5	6
52	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, 1329-1337.	0.8	6
53	Targeting Sleep Duration and Timing for Prevention of Adolescent Obesity. <i>JAMA Pediatrics</i> , 2019, 173, 1018.	3.3	5
54	Ethnic disparities in DNA methylation and risk of type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 491-492.	5.5	4

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55	Postmenopausal osteoporotic fracture-associated COL1A1 variant impacts bone accretion in girls. <i>Bone</i> , 2019, 121, 221-226.	1.4	4
56	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
57	Physical Activity and Bone Accretion. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 977-986.	0.2	3
58	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.	0.8	3
59	Engineering a mobile platform to promote sleep in the pediatric primary care setting. <i>SLEEP Advances</i> , 2021, 2, zpab006.	0.1	3
60	CYP11B1 variants influence skeletal maturation via alternative splicing. <i>Communications Biology</i> , 2021, 4, 1274.	2.0	3
61	Body Mass Index and Height in the Friedreich Ataxia Clinical Outcome Measures Study. <i>Neurology: Genetics</i> , 2021, 7, e638.	0.9	3
62	Sufficient sleep duration in autistic children and the role of physical activity. <i>Autism</i> , 2022, 26, 814-826.	2.4	2
63	Adaptation of Bone to Mechanical Strain—Reply. <i>JAMA Pediatrics</i> , 2018, 172, 196.	3.3	1