Shana E Mccormack

List of Publications by Year
in descending order

78 papers	2,438 citations	186265 28 h-index	233421 45 g-index
81 all docs	81 docs citations	81 times ranked	4502 citing authors

#	Article	IF	Citations
1	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	2.9	275
2	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
3	Patient care standards for primary mitochondrial disease: a consensus statement from the Mitochondrial Medicine Society. Genetics in Medicine, 2017, 19, 1380-1397.	2.4	173
4	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. Pediatrics, 2016, 137, .	2.1	135
5	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. JAMA Pediatrics, 2017, 171, e171769.	6.2	112
6	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	2.9	76
7	Metabolic Effects of Oxytocin. Endocrine Reviews, 2020, 41, 121-145.	20.1	75
8	Pediatric Idiopathic Intracranial Hypertension. Ophthalmology, 2016, 123, 2424-2431.	5.2	66
9	Body Mass Index Is a Better Indicator of Body Composition than Weight-for-Length at Age 1 Month. Journal of Pediatrics, 2019, 204, 77-83.e1.	1.8	59
10	Mitochondrial disease patient motivations and barriers to participate in clinical trials. PLoS ONE, 2018, 13, e0197513.	2.5	53
11	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
12	An integrated mechanism of pediatric pseudotumor cerebri syndrome: evidence of bioenergetic and hormonal regulation of cerebrospinal fluid dynamics. Pediatric Research, 2015, 77, 282-289.	2.3	45
13	N-acetylcysteine and vitamin E rescue animal longevity and cellular oxidative stress in pre-clinical models of mitochondrial complex I disease. Molecular Genetics and Metabolism, 2018, 123, 449-462.	1.1	45
14	Primary Respiratory Chain Disease Causes Tissue-Specific Dysregulation of the Global Transcriptome and Nutrient-Sensing Signaling Network. PLoS ONE, 2013, 8, e69282.	2.5	44
15	Diagnosis of â€˜possibleâ€™ mitochondrial disease: an existential crisis. Journal of Medical Genetics, 2019, 56, 123-130.	3.2	42
16	Resting Energy Expenditure Is Decreased in Pseudohypoparathyroidism Type 1A. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 880-888.	3.6	41
17	The circadian gene Rev-erbÎ± improves cellular bioenergetics and provides preconditioning for protection against oxidative stress. Free Radical Biology and Medicine, 2016, 93, 177-189.	2.9	41
18	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

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19	Overweight and Obesity in Pediatric Secondary Pseudotumor Cerebri Syndrome. American Journal of Ophthalmology, 2015, 159, 344-352.e1.	3.3	38
20	Muscle oxidative phosphorylation quantitation using creatine chemical exchange saturation transfer (CrCEST) MRI in mitochondrial disorders. JCI Insight, 2016, 1, e88207.	5.0	38
21	Endocrine Disorders in Primary Mitochondrial Disease. Journal of the Endocrine Society, 2018, 2, 361-373.	0.2	37
22	Digenic Inheritance of PROKR2 and WDR11 Mutations in Pituitary Stalk Interruption Syndrome. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2501-2507.	3.6	36
23	Pharmacologic targeting of sirtuin and PPAR signaling improves longevity and mitochondrial physiology in respiratory chain complex I mutant Caenorhabditis elegans. Mitochondrion, 2015, 22, 45-59.	3.4	34
24	In vivo metabolic flux profiling with stable isotopes discriminates sites and quantifies effects of mitochondrial dysfunction in C. elegans. Molecular Genetics and Metabolism, 2014, 111, 331-341.	1.1	32
25	Mitochondrial single-stranded DNA binding protein novel de novo SSBP1 mutation in a child with single large-scale mtDNA deletion (SLSMD) clinically manifesting as Pearson, Kearns-Sayre, and Leigh syndromes. PLoS ONE, 2019, 14, e0221829.	2.5	32
26	Randomized, doubleâ€blind, placeboâ€controlled study of interferonâ€Î³ 1b in Friedreich Ataxia. Annals of Clinical and Translational Neurology, 2019, 6, 546-553.	3.7	32
27	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
28	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
29	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
30	Friedreich Ataxia: Multidisciplinary Clinical Care. Journal of Multidisciplinary Healthcare, 2021, Volume 14, 1645-1658.	2.7	26
31	Genetics of Obesity and Type 2 Diabetes in African Americans. Journal of Obesity, 2013, 2013, 1-12.	2.7	24
32	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
33	Pediatric Pseudotumor Cerebri Syndrome: Diagnosis, Classification, and Underlying Pathophysiology. Seminars in Pediatric Neurology, 2017, 24, 110-115.	2.0	22
34	Risk factors for poor bone health in primary mitochondrial disease. Journal of Inherited Metabolic Disease, 2017, 40, 673-683.	3.6	22
35	Magnetic Resonance Imaging Findings in Pediatric Pseudotumor Cerebri Syndrome. Pediatric Neurology, 2019, 99, 31-39.	2.1	21
36	Rare EN1 Variants and Pediatric Bone Mass. Journal of Bone and Mineral Research, 2016, 31, 1513-1517.	2.8	20

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37	Characterization of Rare Variants in MC4R in African American and Latino Children With Severe Early-Onset Obesity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2961-2970.	3.6	20
38	Abnormal body composition is a predictor of adverse outcomes after autologous haematopoietic cell transplantation. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 962-972.	7.3	19
39	Hospitalizations for mitochondrial disease across the lifespan in the U.S.. Molecular Genetics and Metabolism, 2017, 121, 119-126.	1.1	16
40	Impact of diabetes in the Friedreich ataxia clinical outcome measures study. Annals of Clinical and Translational Neurology, 2017, 4, 622-631.	3.7	16
41	Headache Characteristics in Children With Pseudotumor Cerebri Syndrome, Elevated Opening Pressure Without Papilledema, and Normal Opening Pressure: A Retrospective Cohort Study. Headache, 2018, 58, 1339-1346.	3.9	16
42	Understanding the phenotypic spectrum of ASXL â€related disease: Ten cases and a review of the literature. American Journal of Medical Genetics, Part A, 2021, 185, 1700-1711.	1.2	16
43	Multimodality assessment of heart failure with preserved ejection fraction skeletal muscle reveals differences in the machinery of energy fuel metabolism. ESC Heart Failure, 2021, 8, 2698-2712.	3.1	16
44	Common data elements for clinical research in mitochondrial disease: a National Institute for Neurological Disorders and Stroke project. Journal of Inherited Metabolic Disease, 2017, 40, 403-414.	3.6	15
45	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. Journal of Bone and Mineral Research, 2017, 32, 115-124.	2.8	15
46	Sitting Height to Standing Height Ratio Reference Charts for Children in the United States. Journal of Pediatrics, 2020, 226, 221-227.e15.	1.8	15
47	Effects of genetic severity on glucose homeostasis in Friedreich ataxia. Muscle and Nerve, 2016, 54, 887-894.	2.2	14
48	Genetically Determined Birthweight Associates With Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2020, 13, e002553.	3.6	13
49	PARP-1 Inhibition Rescues Short Lifespan in Hyperglycemic C. Elegans And Improves GLP-1 Secretion in Human Cells. , 2018, 9, 17.		12
50	Presumed Pseudotumor Cerebri Syndrome After Withdrawal of Inhaled Glucocorticoids. Pediatrics, 2016, 137, e20152091-e20152091.	2.1	11
51	Clinical and Prognostic Significance of Cerebrospinal Fluid Opening and Closing Pressures in Pediatric Pseudotumor Cerebri Syndrome. Pediatric Neurology, 2018, 83, 50-55.	2.1	10
52	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
53	Overview of Atypical Diabetes. Endocrinology and Metabolism Clinics of North America, 2020, 49, 695-723.	3.2	8
54	Friedreichâ€™s Ataxia related Diabetes: Epidemiology and management practices. Diabetes Research and Clinical Practice, 2022, 186, 109828.	2.8	8

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55	Frataxin deficiency lowers lean mass and triggers the integrated stress response in skeletal muscle. JCI Insight, 2022, 7, .	5.0	8
56	Peak cortisol response to corticotropin-releasing hormone is associated with age and body size in children referred for clinical testing: a retrospective review. International Journal of Pediatric Endocrinology (Springer), 2015, 2015, 22.	1.6	5
57	Phosphorus-31 Magnetic Resonance Spectroscopy: A Tool for Measuring In Vivo Mitochondrial Oxidative Phosphorylation Capacity in Human Skeletal Muscle. Journal of Visualized Experiments, 2017, , .	0.3	5
58	Postmenopausal osteoporotic fracture-associated COLIA1 variant impacts bone accretion in girls. Bone, 2019, 121, 221-226.	2.9	4
59	Leg length and sitting height reference data and charts for children in the United States. Data in Brief, 2020, 32, 106131.	1.0	4
60	Allelic Expression Imbalance: Tipping the Scales to Elucidate the Function of Type 2 Diabetesâ€“Associated Loci: Figure 1. Diabetes, 2015, 64, 1102-1104.	0.6	3
61	Response to Newman et al.. Genetics in Medicine, 2017, 19, 1380-1380.	2.4	3
62	Physical Activity and Bone Accretion. Medicine and Science in Sports and Exercise, 2018, 50, 977-986.	0.4	3
63	CYP11B1 variants influence skeletal maturation via alternative splicing. Communications Biology, 2021, 4, 1274.	4.4	3
64	Body Mass Index and Height in the Friedreich Ataxia Clinical Outcome Measures Study. Neurology: Genetics, 2021, 7, e638.	1.9	3
65	Association Between Body Composition and Development of Glucose Intolerance after Allogeneic Hematopoietic Cell Transplantation. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 2004-2010.	2.5	3
66	Predictors of outcome in children with disorders of mitochondrial metabolism in the pediatric intensive care unit. Pediatric Research, 2021, 90, 1221-1227.	2.3	2
67	In vivo assessment of OXPHOS capacity using 3ÂT CrCEST MRI in Friedreichâ€™s ataxia. Journal of Neurology, 2022, 269, 2527-2538.	3.6	2
68	Persistent Musculoskeletal Deficits in Pediatric, Adolescent and Young Adult Survivors of Allogeneic Hematopoietic Stem-Cell Transplantation. Journal of Bone and Mineral Research, 2020, 37, 794-803.	2.8	2
69	Adaptation of Bone to Mechanical Strainâ€”Reply. JAMA Pediatrics, 2018, 172, 196.	6.2	1
70	Autism Spectrum Disorder in Pediatric Idiopathic Intracranial Hypertension. Life, 2021, 11, 972.	2.4	1
71	Developmental origins of genotype-phenotype correlations in chronic diseases of old age. , 2012, 3, 385-403.		1
72	Bone Mineral Density and Current Bone Health Screening Practices in Friedreichâ€™s Ataxia. Frontiers in Neuroscience, 2022, 16, 818750.	2.8	1

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73	Response to Letter to the Editor: â€œEndocrine Disorders in Primary Mitochondrial Diseaseâ€. Journal of the Endocrine Society, 2018, 2, 572-573.	0.2	0
74	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. Journal of the Endocrine Society, 2019, 3, .	0.2	0
75	MON-LB030 Muscle Mitochondrial Oxidative Phosphorylation Capacity and Whole Body Glucose Metabolism in Friedreich's Ataxia. Journal of the Endocrine Society, 2019, 3, .	0.2	0
76	MON-LB021 Effects of Intranasal Oxytocin on the Fasting Serum Proteome in Healthy Lean and Obese Men. Journal of the Endocrine Society, 2019, 3, .	0.2	0
77	RARE-13. Clinical management and functional and survival outcomes in pediatric craniopharyngioma, a patient and family perspective. Neuro-Oncology, 2022, 24, i12-i12.	1.2	0
78	RARE-17. Multi-institutional craniopharyngioma cohort highlights need for more comprehensive data collection on comorbidities and quality of life. Neuro-Oncology, 2022, 24, i13-i13.	1.2	0