

# Maureen J Devlin

## List of Publications by Year in descending order

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36  
papers

2,044  
citations

331670

21  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tibial nerve stimulation increases vaginal blood perfusion and bone mineral density and yield load in ovariectomized rat menopause model. <i>International Urogynecology Journal</i> , 2022, 33, 3543-3553.	1.4	6
2	Intersite reliability of vertebral bone marrow lipidomics-derived lipid composition among children with varying degrees of bone fragility undergoing routine orthopedic surgery. <i>Bone</i> , 2021, 143, 115633.	2.9	3
3	Pattern of bone marrow lipid composition measures along the vertebral column: A descriptive study of adolescents with idiopathic scoliosis. <i>Bone</i> , 2021, 142, 115702.	2.9	2
4	Development and validation of an ELISA for a biomarker of thyroid dysfunction, thyroid peroxidase autoantibodies (TPO-Ab), in dried blood spots. <i>Journal of Physiological Anthropology</i> , 2020, 39, 16.	2.6	4
5	Test-Retest Reliability and Correlates of Vertebral Bone Marrow Lipid Composition by Lipidomics Among Children With Varying Degrees of Bone Fragility. <i>JBMR Plus</i> , 2020, 4, e10400.	2.7	4
6	Validation of an enzyme-linked immunoassay assay for osteocalcin, a marker of bone formation, in dried blood spots. <i>American Journal of Human Biology</i> , 2020, 32, e23394.	1.6	7
7	Craniofacial Phenotypic Plasticity in Mice Exposed to Various Temperatures. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
8	A dried blood spot-based method to measure levels of tartrate-resistant acid phosphatase 5b (TRACP-5b), a marker of bone resorption. <i>American Journal of Human Biology</i> , 2019, 31, e23240.	1.6	12
9	Adults with Cerebral Palsy have Higher Prevalence of Fracture Compared with Adults Without Cerebral Palsy Independent of Osteoporosis and Cardiometabolic Diseases. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1240-1247.	2.8	52
10	Cold stress and high fat, high protein diet decreases trabecular and cortical bone mass in male C57BL/6J mice. <i>FASEB Journal</i> , 2019, 33, 19.1.	0.5	0
11	Differential Adaptive Response of Growing Bones From Two Female Inbred Mouse Strains to Voluntary Cage-Wheel Running. <i>JBMR Plus</i> , 2018, 2, 143-153.	2.7	4
12	Low temperature decreases bone mass in mice: Implications for humans. <i>American Journal of Physical Anthropology</i> , 2018, 167, 557-568.	2.1	21
13	Noncommunicable disease and multimorbidity in young adults with cerebral palsy. <i>Clinical Epidemiology</i> , 2018, Volume 10, 511-519.	3.0	85
14	Age trajectories of musculoskeletal morbidities in adults with cerebral palsy. <i>Bone</i> , 2018, 114, 285-291.	2.9	59
15	Bone Marrow Fat Physiology in Relation to Skeletal Metabolism and Cardiometabolic Disease Risk in Children With Cerebral Palsy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 911-919.	1.4	22
16	Cross-sex testosterone therapy in ovariectomized mice: addition of low-dose estrogen preserves bone architecture. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E540-E551.	3.5	18
17	Daily leptin blunts marrow fat but does not impact bone mass in calorie-restricted mice. <i>Journal of Endocrinology</i> , 2016, 229, 295-306.	2.6	30
18	The bone-fat interface: basic and clinical implications of marrow adiposity. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 141-147.	11.4	198

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19	The "Skinny" on brown fat, obesity, and bone. <i>American Journal of Physical Anthropology</i> , 2015, 156, 98-115.	2.1	24
20	The Effect of the Achilles Tendon on Trabecular Structure in the Primate Calcaneus. <i>Anatomical Record</i> , 2013, 296, 1509-1517.	1.4	21
21	Maternal perinatal diet induces developmental programming of bone architecture. <i>Journal of Endocrinology</i> , 2013, 217, 69-81.	2.6	22
22	Bone marrow composition, diabetes, and fracture risk: More bad news for saturated fat. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1718-1720.	2.8	12
23	A comparative study of the trabecular bony architecture of the talus in humans, non-human primates, and <i>Australopithecus</i> . <i>Journal of Human Evolution</i> , 2012, 63, 536-551.	2.6	58
24	Influence of pre- and peri-natal nutrition on skeletal acquisition and maintenance. <i>Bone</i> , 2012, 50, 444-451.	2.9	46
25	Reply to the Letter to the Editor "Peripartum nutrition and adult bone health". <i>Bone</i> , 2012, 51, 186.	2.9	0
26	Parental Diabetes: The Akita Mouse as a Model of the Effects of Maternal and Paternal Hyperglycemia in Wildtype Offspring. <i>PLoS ONE</i> , 2012, 7, e50210.	2.5	24
27	Why does starvation make bones fat?. <i>American Journal of Human Biology</i> , 2011, 23, 577-585.	1.6	78
28	Estrogen, exercise, and the skeleton. <i>Evolutionary Anthropology</i> , 2011, 20, 54-61.	3.4	34
29	Peripubertal estrogen levels and physical activity affect femur geometry in young adult women. <i>Osteoporosis International</i> , 2010, 21, 609-617.	3.1	23
30	Caloric restriction leads to high marrow adiposity and low bone mass in growing mice. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2078-2088.	2.8	295
31	Fat targets for skeletal health. <i>Nature Reviews Rheumatology</i> , 2009, 5, 365-372.	8.0	124
32	Variation in estradiol level affects cortical bone growth in response to mechanical loading in sheep. <i>Journal of Experimental Biology</i> , 2007, 210, 602-613.	1.7	28
33	Trabecular bone in the bird knee responds with high sensitivity to changes in load orientation. <i>Journal of Experimental Biology</i> , 2006, 209, 57-65.	1.7	163
34	Effects of food processing on masticatory strain and craniofacial growth in a retrognathic face. <i>Journal of Human Evolution</i> , 2004, 46, 655-677.	2.6	206
35	Effects of food processing on masticatory strain and craniofacial growth in a retrognathic face. <i>Journal of Human Evolution</i> , 2004, 46, 655-655.	2.6	145
36	Articular area responses to mechanical loading: effects of exercise, age, and skeletal location. <i>American Journal of Physical Anthropology</i> , 2001, 116, 266-277.	2.1	213