

Fat and Bone Interactions

Current Osteoporosis Reports

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Erythrocyte membrane fatty acids in multiple myeloma patients. <i>Leukemia Research</i> , 2014, 38, 1260-1265.	0.4	33
2	The Bone and Fat Connection in Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 2207-2217.	0.9	10
3	Effect of Television on Obesity and Excess of Weight and Consequences of Health. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 9408-9426.	1.2	73
4	Marrow Fat and Bone: Review of Clinical Findings. <i>Frontiers in Endocrinology</i> , 2015, 6, 40.	1.5	104
5	MicroRNA-188 regulates age-related switch between osteoblast and adipocyte differentiation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1509-1522.	3.9	418
6	Longitudinal assessment of oxytocin efficacy on bone and bone marrow fat masses in a rabbit osteoporosis model through 3.0-T magnetic resonance spectroscopy and micro-CT. <i>Osteoporosis International</i> , 2015, 26, 1081-1092.	1.3	16
7	Understanding the local actions of lipids in bone physiology. <i>Progress in Lipid Research</i> , 2015, 59, 126-146.	5.3	94
8	Marrow adiposity assessed on transiliac crest biopsy samples correlates with noninvasive measurement of marrow adiposity by proton magnetic resonance spectroscopy (1H-MRS) at the spine but not the femur. <i>Osteoporosis International</i> , 2015, 26, 2471-2478.	1.3	29
9	Fat Infiltration in the Leg is Associated with Bone Geometry and Physical Function in Healthy Older Women. <i>Calcified Tissue International</i> , 2015, 97, 353-363.	1.5	19
10	IGF-1 Receptor Insufficiency Leads to Age-Dependent Attenuation of Osteoblast Differentiation. <i>Endocrinology</i> , 2015, 156, 2872-2879.	1.4	6
11	TGF β 2-induced switch from adipogenic to osteogenic differentiation of human mesenchymal stem cells: identification of drug targets for prevention of fat cell differentiation. <i>Stem Cell Research and Therapy</i> , 2016, 7, 123.	2.4	56
12	Bone Marrow Lipid Profiles from Peripheral Skeleton as Potential Biomarkers for Osteoporosis: A 1H-MR Spectroscopy Study. <i>Academic Radiology</i> , 2016, 23, 273-283.	1.3	49
13	Visfatin is a positive predictor of bone mineral density in young survivors of acute lymphocytic leukemia. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 73-82.	1.3	9
14	Basis of bone metabolism around dental implants during osseointegration and peri-implant bone loss. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2075-2089.	2.1	159
15	Cell-cell communication in bone development and whole-body homeostasis and pharmacological avenues for bone disorders. <i>Current Opinion in Pharmacology</i> , 2017, 34, 21-35.	1.7	21
16	The Role of the Nuclear Envelope Protein MAN1 in Mesenchymal Stem Cell Differentiation. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4425-4435.	1.2	3
17	Effect of Aerobic Exercise on Markers of Bone Metabolism of Overweight and Obese Patients With Chronic Kidney Disease. , 2017, 27, 364-371.		36
18	ToF-SIMS study of differentiation of human bone-derived stromal cells: new insights into osteoporosis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4425-4435.	1.9	16

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19	Imaging of diabetic bone. <i>Endocrine</i> , 2017, 58, 426-441.	1.1	6
20	The emerging role of bone marrow adipose tissue in bone health and dysfunction. <i>Journal of Molecular Medicine</i> , 2017, 95, 1291-1301.	1.7	32
21	Fibroblast Growth Factor 23, Mineral Metabolism, and Adiposity in Normal Kidney Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1387-1395.	1.8	29
22	Fatty Acids on Osteoclastogenesis. , 2017, , .		0
23	Fat, Sugar, and Bone Health: A Complex Relationship. <i>Nutrients</i> , 2017, 9, 506.	1.7	56
24	Muscle-Bone Crosstalk: Emerging Opportunities for Novel Therapeutic Approaches to Treat Musculoskeletal Pathologies. <i>Biomedicines</i> , 2017, 5, 62.	1.4	72
25	Regulation of bone blood flow in humans: The role of nitric oxide, prostaglandins, and adenosine. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1552-1558.	1.3	11
26	Quantitative imaging techniques for the assessment of osteoporosis and sarcopenia. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 60-85.	1.1	97
27	The Effect of Antidepressants on Mesenchymal Stem Cell Differentiation. <i>Journal of Bone Metabolism</i> , 2018, 25, 43.	0.5	9
28	The impact of obesity through fat depots and adipokines on bone homeostasis. <i>AME Medical Journal</i> , 0, 3, 10-10.	0.4	6
29	Epicardial Fat Thickness and Bone Mineral Content: The Healthy Twin Study in Korea. <i>Journal of Epidemiology</i> , 2018, 28, 253-259.	1.1	0
30	Chemical shift-encoded MRI for assessment of bone marrow adipose tissue fat composition: Pilot study in premenopausal versus postmenopausal women. <i>Magnetic Resonance Imaging</i> , 2018, 53, 148-155.	1.0	29
31	Implant Success and Failure Is Dependent Upon the Bone Response. Show a Little Respect for Those Bone Cells!. <i>Journal of Oral Implantology</i> , 2018, 44, 85-86.	0.4	1
32	Therapeutic approaches to osteosarcopenia: insights for the clinician. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2019, 11, 1759720X1986700.	1.2	36
33	MicroRNA-130a controls bone marrow mesenchymal stem cell differentiation towards the osteoblastic and adipogenic fate. <i>Cell Proliferation</i> , 2019, 52, e12688.	2.4	111
34	Long-term childhood body mass index and adult bone mass are linked through concurrent body mass index and body composition. <i>Bone</i> , 2019, 121, 259-266.	1.4	4
35	Lipid profiles as potential mediators linking body mass index to osteoporosis among Chinese adults: the Henan Rural Cohort Study. <i>Osteoporosis International</i> , 2019, 30, 1413-1422.	1.3	9
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37	Increase of Glucose Uptake in Human Bone Marrow With Increasing Exercise Intensity. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 254-258.	1.0	4
38	Increased NF- κ B Activity in Osteoprogenitor-Lineage Cells Impairs the Balance of Bone Versus Fat in the Marrow of Skeletally Mature Mice. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 69-77.	1.6	1
39	Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness. <i>Pediatric Research</i> , 2020, 87, 42-47.	1.1	9
40	Diffusion MRI for Assessment of Bone Quality; A Review of Findings in Healthy Aging and Osteoporosis. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 975-992.	1.9	20
41	1,25(OH)2D3 ameliorates palmitate-induced lipotoxicity in human primary osteoblasts leading to improved viability and function. <i>Bone</i> , 2020, 141, 115672.	1.4	22
42	Macrobiomineralogy: Insights and Enigmas in Giant Whale Bones and Perspectives for Bioinspired Materials Science. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5357-5367.	2.6	17
43	Association of Circulating Omentin-1 with Osteoporosis in a Chinese Type 2 Diabetic Population. <i>Mediators of Inflammation</i> , 2020, 2020, 1-16.	1.4	6
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45	Differences between muscle from osteoporotic and osteoarthritic subjects: in vitro study by diffusion-tensor MRI and histological findings. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 2489-2499.	1.4	5
46	Age-Related Increases in Marrow Fat Volumes have Regional Impacts on Bone Cell Numbers and Structure. <i>Calcified Tissue International</i> , 2020, 107, 126-134.	1.5	8
47	Dairy product intake decreases bone resorption following a 12-week diet and exercise intervention in overweight and obese adolescent girls. <i>Pediatric Research</i> , 2020, 88, 910-916.	1.1	16
48	Pathogenesis of Osteoporosis. <i>Handbook of Experimental Pharmacology</i> , 2020, 262, 353-367.	0.9	12
49	Association between total and regional body fat to bone parameters of university athletes. <i>Sport Sciences for Health</i> , 2021, 17, 423-430.	0.4	0
50	Voxel-based mapping of five MR biomarkers in the wrist bone marrow. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 729-740.	1.1	1
51	Abnormal Lipid Profile in Fast-Growing Broilers With Spontaneous Femoral Head Necrosis. <i>Frontiers in Physiology</i> , 2021, 12, 685968.	1.3	6
52	Bone marrow adipose tissue content in Latino adolescents with prediabetes and obesity. <i>Obesity</i> , 2021, 29, 2100-2107.	1.5	6
53	Role of adiponectin in the relationship between visceral adiposity and fibroblast growth factor 23 in non-diabetic men with normal kidney function. <i>Endocrine Journal</i> , 2022, 69, 121-129.	0.7	1
54	Osteosarcopenia as a Lipotoxic Disease. , 2019, , 123-143.		2

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55	Pregnancy and lactation, a challenge for the skeleton. <i>Endocrine Connections</i> , 2020, 9, R143-R157.	0.8	35
56	Are Survivors of Childhood Acute Lymphoblastic Leukemia at Increased Risk for Low Bone Mass?. <i>Journal of Leukemia (Los Angeles, Calif)</i> , 2014, 02, .	0.1	0
57	Bone mineral density and trabecular bone tissue quality in obese men. <i>Mã-Å¼narodnij Endokrinologã-Äñij Å½urnal</i> , 2017, 13, 4-12.	0.1	0
58	Soluble epoxide hydrolase inhibitor can protect the femoral head against tobacco smoke exposure-induced osteonecrosis in spontaneously hypertensive rats. <i>Toxicology</i> , 2022, 465, 153045.	2.0	2
60	Identification of abnormal BMD and osteoporosis in postmenopausal women with T2*-corrected Q-Dixon and reduced-FOV IVIM: correlation with QCT. <i>European Radiology</i> , 2022, 32, 4707-4717.	2.3	3
62	Protective effects of apple polyphenols on bone loss in mice with high fat diet-induced obesity. <i>Food and Function</i> , 2022, 13, 8047-8055.	2.1	5
63	Association between bone mineral density and content and physical growth parameters among children and adolescents diagnosed with HIV: a cross-sectional study. <i>Sao Paulo Medical Journal</i> , 0, , .	0.4	0
64	Obesity: The Impact on Host Systems Affecting Mobility and Navigation through the Environment. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 63-70.	3.0	1
66	CircRBM23 regulates the switch between osteogenesis and adipogenesis of mesenchymal stem cells via sponging miR-338-3p. <i>Clinical Science</i> , 2023, 137, 495-510.	1.8	0