Yohann Wittrant

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9005993/publications.pdf Version: 2024-02-01



ΥΩΗΛΝΝ ΜΙΤΤΡΛΝΤ

#	Article	IF	CITATIONS
1	Prebiotic effects: metabolic and health benefits. British Journal of Nutrition, 2010, 104, S1-S63.	2.3	1,745
2	Oxidative stress in bone remodelling and disease. Trends in Molecular Medicine, 2009, 15, 468-477.	6.7	379
3	Muscle and bone, two interconnected tissues. Ageing Research Reviews, 2015, 21, 55-70.	10.9	277
4	The Free Fatty Acid Receptor G Protein-coupled Receptor 40 (GPR40) Protects from Bone Loss through Inhibition of Osteoclast Differentiation*. Journal of Biological Chemistry, 2013, 288, 6542-6551.	3.4	76
5	The Polyphenol Fisetin Protects Bone by Repressing NF-κB and MKP-1-Dependent Signaling Pathways in Osteoclasts. PLoS ONE, 2013, 8, e68388.	2.5	58
6	Pomegranate and its derivatives can improve bone health through decreased inflammation and oxidative stress in an animal model of postmenopausal osteoporosis. European Journal of Nutrition, 2014, 53, 1155-1164.	3.9	49
7	Pomegranate seed oil prevents bone loss in a mice model of osteoporosis, through osteoblastic stimulation, osteoclastic inhibition and decreased inflammatory status. Journal of Nutritional Biochemistry, 2013, 24, 1840-1848.	4.2	45
8	Pomegranate Peel Extract Prevents Bone Loss in a Preclinical Model of Osteoporosis and Stimulates Osteoblastic Differentiation in Vitro. Nutrients, 2015, 7, 9265-9284.	4.1	44
9	Biological Effect of Hydrolyzed Collagen on Bone Metabolism. Critical Reviews in Food Science and Nutrition, 2017, 57, 00-00.	10.3	43
10	The flavonoid fisetin promotes osteoblasts differentiation through Runx2 transcriptional activity. Molecular Nutrition and Food Research, 2014, 58, 1239-1248.	3.3	37
11	Olive and grape seed extract prevents post-traumatic osteoarthritis damages and exhibits in vitro anti IL-1β activities before and after oral consumption. Scientific Reports, 2016, 6, 33527.	3.3	35
12	Optimized Bioactive Glass: the Quest for the Bony Graft. Advanced Healthcare Materials, 2019, 8, e1801542.	7.6	35
13	Pros and cons of fatty acids in bone biology. Progress in Lipid Research, 2015, 58, 121-145.	11.6	34
14	Polycaprolactone / bioactive glass hybrid scaffolds for bone regeneration. Biomedical Glasses, 2018, 4, 108-122.	2.4	27
15	Borage and fish oils lifelong supplementation decreases inflammation and improves bone health in a murine model of senile osteoporosis. Bone, 2012, 50, 553-561.	2.9	26
16	Mechanism of Calcium Incorporation Inside Sol–Gel Silicate Bioactive Glass and the Advantage of Using Ca(OH) ₂ over Other Calcium Sources. ACS Biomaterials Science and Engineering, 2019, 5, 5906-5915.	5.2	25
17	Human Enriched Serum Following Hydrolysed Collagen Absorption Modulates Bone Cell Activity: from Bedside to Bench and Vice Versa. Nutrients, 2019, 11, 1249.	4.1	19
18	Olive Oil and Vitamin D Synergistically Prevent Bone Loss in Mice. PLoS ONE, 2014, 9, e115817.	2.5	18

YOHANN WITTRANT

#	Article	IF	CITATIONS
19	Bioactive Glass/Polycaprolactone Hybrid with a Dual Cortical/Trabecular Structure for Bone Regeneration. ACS Applied Bio Materials, 2019, 2, 3473-3483.	4.6	18
20	GW9508, a free fatty acid receptor agonist, specifically induces cell death in bone resorbing precursor cells through increased oxidative stress from mitochondrial origin. Experimental Cell Research, 2013, 319, 3035-3041.	2.6	16
21	Metabolic and Anti-Inflammatory Protective Properties of Human Enriched Serum Following Artichoke Leaf Extract Absorption: Results from an Innovative Ex Vivo Clinical Trial. Nutrients, 2021, 13, 2653.	4.1	15
22	Increased body fat mass and tissue lipotoxicity associated with ovariectomy or high-fat diet differentially affects bone and skeletal muscle metabolism in rats. European Journal of Nutrition, 2015, 54, 1139-1149.	3.9	14
23	Chondroprotective Properties of Human-Enriched Serum Following Polyphenol Extract Absorption: Results from an Exploratory Clinical Trial. Nutrients, 2019, 11, 3071.	4.1	14
24	Featured Article: Deficiency of G-protein coupled receptor 40, a lipid-activated receptor, heightens <i>inÂvitro-</i> and <i>inÂvivo-</i> induced murine osteoarthritis. Experimental Biology and Medicine, 2015, 240, 854-866.	2.4	13
25	The phenolic acids of Agen prunes (dried plums) or Agen prune juice concentrates do not account for the protective action on bone in a rat model of postmenopausal osteoporosis. Nutrition Research, 2016, 36, 161-173.	2.9	13
26	Non-targeted and targeted analysis of collagen hydrolysates during the course of digestion and absorption. Analytical and Bioanalytical Chemistry, 2020, 412, 973-982.	3.7	13
27	The effects of dietary fatty acids on bone, hematopoietic marrow and marrow adipose tissue in a murine model of senile osteoporosis. Aging, 2019, 11, 7938-7947.	3.1	13
28	Nutraceuticals in joint health: animal models as instrumental tools. Drug Discovery Today, 2014, 19, 1649-1658.	6.4	12
29	Circulating Human Serum Metabolites Derived from the Intake of a Saffron Extract (Safr'InsideTM) Protect Neurons from Oxidative Stress: Consideration for Depressive Disorders. Nutrients, 2022, 14, 1511.	4.1	12
30	GPR40, a free fatty acid receptor, differentially impacts osteoblast behavior depending on differentiation stage and environment. Molecular and Cellular Biochemistry, 2016, 412, 197-208.	3.1	9
31	GPR40 mediates potential positive effects of a saturated fatty acid enriched diet on bone. Molecular Nutrition and Food Research, 2017, 61, 1600219.	3.3	9
32	Berries, their micronutrients and bone health. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 453-457.	2.5	5
33	Tailored therapeutic release from polycaprolactone-silica hybrids for the treatment of osteomyelitis: antibiotic rifampicin and osteogenic silicates. Biomaterials Science, 2022, 10, 1936-1951.	5.4	5
34	Targeting the gut to prevent and counteract metabolic disorders and pathologies during aging. Critical Reviews in Food Science and Nutrition, 2023, 63, 11185-11210.	10.3	2
35	Osteogenic Effect of Fisetin Doping in Bioactive Glass/Poly(caprolactone) Hybrid Scaffolds. ACS Omega, 2022, 7, 22279-22290.	3.5	1