## Raewyn C Poulsen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Long-Chain Polyunsaturated Fatty Acids and the Regulation of Bone Metabolism. Experimental Biology and Medicine, 2007, 232, 1275-1288.	2.4	97
2	Glucocorticoids induce senescence in primary human tenocytes by inhibition of sirtuin 1 and activation of the p53/p21 pathway: in vivo and in vitro evidence. Annals of the Rheumatic Diseases, 2014, 73, 1405-1413.	0.9	81
3	Protection against Glucocorticoid-Induced Damage in Human Tenocytes by Modulation of ERK, Akt, and Forkhead Signaling. Endocrinology, 2011, 152, 503-514.	2.8	69
4	Cell differentiation versus cell death: extracellular glucose is a key determinant of cell fate following oxidative stress exposure. Cell Death and Disease, 2014, 5, e1074-e1074.	6.3	68
5	Identification of inflammatory and proresolving lipid mediators in bone marrow and their lipidomic profiles with ovariectomy and omegaâ€3 intake. American Journal of Hematology, 2008, 83, 437-445.	4.1	67
6	How does general anaesthesia affect the circadian clock?. Sleep Medicine Reviews, 2018, 37, 35-44.	8.5	55
7	Platelet-Rich Plasma Protects Tenocytes From Adverse Side Effects of Dexamethasone and Ciprofloxacin. American Journal of Sports Medicine, 2011, 39, 1929-1935.	4.2	47
8	Soy phytoestrogens: impact on postmenopausal bone loss and mechanisms of action. Nutrition Reviews, 2008, 66, 359-374.	5.8	39
9	Detrimental effect of eicosapentaenoic acid supplementation on bone following ovariectomy in rats. Prostaglandins Leukotrienes and Essential Fatty Acids, 2006, 75, 419-427.	2.2	34
10	Long chain polyunsaturated fatty acids alter membrane-bound RANK-L expression and osteoprotegerin secretion by MC3T3-E1 osteoblast-like cells. Prostaglandins and Other Lipid Mediators, 2008, 85, 42-48.	1.9	29
11	The chondrocyte-intrinsic circadian clock is disrupted in human osteoarthritis. Chronobiology International, 2016, 33, 574-579.	2.0	25
12	Specific Effects of Î <sup>3</sup> -Linolenic, Eicosapentaenoic, and Docosahexaenoic Ethyl Esters on Bone Post-ovariectomy in Rats. Calcified Tissue International, 2007, 81, 459-471.	3.1	19
13	Altered N-methyl D-aspartate receptor subunit expression causes changes to the circadian clock and cell phenotype in osteoarthritic chondrocytes. Osteoarthritis and Cartilage, 2018, 26, 1518-1530.	1.3	16
14	Altered expression of the core circadian clock component PERIOD2 contributes to osteoarthritis-like changes in chondrocyte activity. Chronobiology International, 2019, 36, 319-331.	2.0	16
15	lleal and faecal digestibility of daidzein and genistein and plasma bioavailability of these isoflavones and their bioactive metabolites in the ovariectomised rat. Molecular Nutrition and Food Research, 2009, 53, S27-35.	3.3	15
16	A comparison between acidic and basic protein fractions from whey or milk for reduction of bone loss in the ovariectomised rat. International Dairy Journal, 2006, 16, 1149-1156.	3.0	14
17	Cell proliferation is a key determinant of the outcome of FOXO3a activation. Biochemical and Biophysical Research Communications, 2015, 462, 78-84.	2.1	14
18	Basic Calcium Phosphate Crystals Induce Osteoarthritis-Associated Changes in Phenotype Markers in Primary Human Chondrocytes by a Calcium/Calmodulin Kinase 2-Dependent Mechanism. Calcified Tissue International, 2019, 104, 331-343.	3.1	13

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19	N-Methyl-D-Aspartate Receptor Hypofunction in Meg-01 Cells Reveals a Role for Intracellular Calcium Homeostasis in Balancing Megakaryocytic-Erythroid Differentiation. Thrombosis and Haemostasis, 2020, 120, 671-686.	3.4	11
20	Docosahexaenoic Acid and 17β-Estradiol Co-Treatment Is More Effective Than 17β-Estradiol Alone in Maintaining Bone Post-Ovariectomy. Experimental Biology and Medicine, 2008, 233, 592-602.	2.4	10
21	The circadian clock: a central mediator of cartilage maintenance and osteoarthritis development?. Rheumatology, 2021, 60, 3048-3057.	1.9	8
22	An ink surgical marker pen is damaging to tendon cells. Bone and Joint Research, 2012, 1, 36-41.	3.6	7
23	Deletion of <i>Grin1</i> in mouse megakaryocytes reveals NMDA receptor role in platelet function and proplatelet formation. Blood, 2022, 139, 2673-2690.	1.4	6
24	IL-1β induces changes in expression of core circadian clock components PER2 and BMAL1 in primary human chondrocytes through the NMDA receptor/CREB and NF-I®B signalling pathways. Cellular Signalling, 2021, 87, 110143.	3.6	4