

# Philippa A Hulley

## List of Publications by Citations

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58  
papers

2,216  
citations

25  
h-index

46  
g-index

61  
ext. papers

2,433  
ext. citations

4.4  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
58	The biology of platelet-rich plasma and its application in trauma and orthopaedic surgery: a review of the literature. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>2009</b> , 91, 987-96		400
57	Bisphosphonates: an update on mechanisms of action and how these relate to clinical efficacy. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1117, 209-57	6.5	291
56	Glucocorticoids induce rapid up-regulation of mitogen-activated protein kinase phosphatase-1 and dephosphorylation of extracellular signal-regulated kinase and impair proliferation in human and mouse osteoblast cell lines. <i>Endocrinology</i> , <b>2003</b> , 144, 412-22	4.8	129
55	Effect of statins on bone mineral density and bone histomorphometry in rodents. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1636-41	9.4	117
54	Tendinopathy and tears of the rotator cuff are associated with hypoxia and apoptosis. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>2010</b> , 92, 448-53		89
53	Novel 3D collagen scaffolds fabricated by indirect printing technique for tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2008</b> , 85, 519-28	3.5	83
52	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. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1405-13	2.4	60
51	Mitogen-activated protein kinase phosphatase 1/dual specificity phosphatase 1 mediates glucocorticoid inhibition of osteoblast proliferation. <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 2929-40		58
50	Protection against glucocorticoid-induced damage in human tenocytes by modulation of ERK, Akt, and forkhead signaling. <i>Endocrinology</i> , <b>2011</b> , 152, 503-14	4.8	53
49	Selective inhibition of Rab prenylation by a phosphonocarboxylate analogue of risedronate induces apoptosis, but not S-phase arrest, in human myeloma cells. <i>International Journal of Cancer</i> , <b>2006</b> , 119, 1254-61	7.5	52
48	A gene expression study of normal and damaged cartilage in anteromedial gonarthrosis, a phenotype of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2014</b> , 22, 334-43	6.2	49
47	Brain distribution of four rat homologues of the <i>Drosophila dunce</i> cAMP phosphodiesterase. <i>Journal of Neuroscience Research</i> , <b>1995</b> , 41, 169-78	4.4	49
46	Cell differentiation versus cell death: extracellular glucose is a key determinant of cell fate following oxidative stress exposure. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1074	9.8	46
45	L1 neural cell adhesion molecule is a survival factor for fetal dopaminergic neurons. <i>Journal of Neuroscience Research</i> , <b>1998</b> , 53, 129-34	4.4	44
44	Regulation of bim in glucocorticoid-mediated osteoblast apoptosis. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 215, 488-96	7	44
43	Platelet-rich plasma protects tenocytes from adverse side effects of dexamethasone and ciprofloxacin. <i>American Journal of Sports Medicine</i> , <b>2011</b> , 39, 1929-35	6.8	43
42	Glucocorticoid-induced osteoporosis in the rat is prevented by the tyrosine phosphatase inhibitor, sodium orthovanadate. <i>Bone</i> , <b>2002</b> , 31, 220-9	4.7	41

41	Inhibitors of type IV phosphodiesterases reduce the toxicity of MPTP in substantia nigra neurons in vivo. <i>European Journal of Neuroscience</i> , <b>1995</b> , 7, 2431-40	3.5	40
40	Bone biology and the pathogenesis of osteoporosis. <i>Current Opinion in Rheumatology</i> , <b>2006</b> , 18 Suppl 1, S3-10	5.3	31
39	Hypoxia-inducible factor 1-alpha does not regulate osteoclastogenesis but enhances bone resorption activity via prolyl-4-hydroxylase 2. <i>Journal of Pathology</i> , <b>2017</b> , 242, 322-333	9.4	30
38	Platelet rich plasma injection for acute Achilles tendon rupture: PATH-2 randomised, placebo controlled, superiority trial. <i>BMJ, The</i> , <b>2019</b> , 367, l6132	5.9	30
37	Vanadate prevents glucocorticoid-induced apoptosis of osteoblasts in vitro and osteocytes in vivo. <i>Journal of Endocrinology</i> , <b>2007</b> , 195, 229-40	4.7	28
36	KUVA (khellin plus ultraviolet A) stimulates proliferation and melanogenesis in normal human melanocytes and melanoma cells in vitro. <i>British Journal of Dermatology</i> , <b>2003</b> , 149, 707-17	4	28
35	Stimulation of melanogenesis by tetradecanoylphorbol 13-acetate (TPA) in mouse melanocytes and neural crest cells. <i>Pigment Cell &amp; Melanoma Research</i> , <b>2003</b> , 16, 26-34		27
34	Selective targeting of death receptor 5 circumvents resistance of MG-63 osteosarcoma cells to TRAIL-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 3219-28	6.1	25
33	Enhanced osteoblastogenesis in three-dimensional collagen gels. <i>BoneKEy Reports</i> , <b>2014</b> , 3, 560		22
32	Hyaluronidase treatment of synovial fluid to improve assay precision for biomarker research using multiplex immunoassay platforms. <i>Journal of Immunological Methods</i> , <b>2012</b> , 386, 22-30	2.5	22
31	Bim, Bak, and Bax regulate osteoblast survival. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 610-20	6.3	22
30	Regulation of hypoxia-induced cell death in human tenocytes. <i>Advances in Orthopedics</i> , <b>2012</b> , 2012, 984950		20
29	Terminal migration and early differentiation of melanocytes in embryonic chick skin. <i>Developmental Biology</i> , <b>1991</b> , 145, 182-94	3.1	17
28	Functional assessment of gap junctions in monolayer and three-dimensional cultures of human tendon cells using fluorescence recovery after photobleaching. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 15001	3.5	16
27	BMP5 activates multiple signaling pathways and promotes chondrogenic differentiation in the ATDC5 growth plate model. <i>Growth Factors</i> , <b>2010</b> , 28, 268-79	1.6	16
26	Platelet rich Plasma in Achilles Tendon Healing 2 (PATH-2) trial: protocol for a multicentre, participant and assessor-blinded, parallel-group randomised clinical trial comparing platelet-rich plasma (PRP) injection versus placebo injection for Achilles tendon rupture. <i>BMJ Open</i> , <b>2017</b> , 7, e018135	3	15
25	The histological features of anteromedial gonarthrosis--the comparison of two grading systems in a human phenotype of osteoarthritis. <i>Knee</i> , <b>2011</b> , 18, 172-6	2.6	15
24	Regulation of tyrosine phosphorylation cascades by phosphatases: What the actions of vanadium teach us. <i>Journal of Trace Elements in Experimental Medicine</i> , <b>2003</b> , 16, 281-290		15

23	The viability and proliferation of human chondrocytes following cryopreservation. <i>Journal of Bone and Joint Surgery: British Volume</i> , <b>2008</b> , 90, 1245-8		14
22	Lovastatin-Mediated Changes in Human Tendon Cells. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 2543-51	7	13
21	The pattern of cartilage damage in antero-medial osteoarthritis of the knee and its relationship to the anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , <b>2013</b> , 31, 908-13	3.8	13
20	Cell proliferation is a key determinant of the outcome of FOXO3a activation. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 462, 78-84	3.4	12
19	Modulation of Mechanical Interactions by Local Piezoelectric Effects. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 7662-7667	15.6	10
18	An In Vitro Model for the Development of Mature Bone Containing an Osteocyte Network. <i>Advanced Biology</i> , <b>2018</b> , 2, 1700156	3.5	8
17	The osteocyte--a novel endocrine regulator of body phosphate homeostasis. <i>Maturitas</i> , <b>2010</b> , 67, 327-385		8
16	Apomine enhances the antitumor effects of lovastatin on myeloma cells by down-regulating 3-hydroxy-3-methylglutaryl-coenzyme A reductase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 322, 228-35	4.7	8
15	25-Hydroxy- and 1 $\alpha$ ,25-Dihydroxycholecalciferol Have Greater Potencies than 25-Hydroxy- and 1 $\alpha$ ,25-Dihydroxyergocalciferol in Modulating Cultured Human and Mouse Osteoblast Activities. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165462	3.7	8
14	An ink surgical marker pen is damaging to tendon cells. <i>Bone and Joint Research</i> , <b>2012</b> , 1, 36-40	4.2	7
13	Platelet-rich plasma injection for adults with acute Achilles tendon rupture: the PATH-2 RCT. <i>Efficacy and Mechanism Evaluation</i> , <b>2019</b> , 6, 1-98	1.7	7
12	Synovial fluid fingerprinting in end-stage knee osteoarthritis: a novel biomarker concept. <i>Bone and Joint Research</i> , <b>2020</b> , 9, 623-632	4.2	7
11	A novel method for the collection of nanoscopic vesicles from an organotypic culture model. <i>RSC Advances</i> , <b>2018</b> , 8, 7622-7632	3.7	5
10	Inhomogeneous Response of Articular Cartilage: A Three-Dimensional Multiphasic Heterogeneous Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157967	3.7	5
9	Osteoblast-Osteoclast Coculture Amplifies Inhibitory Effects of FG-4592 on Human Osteoclastogenesis and Reduces Bone Resorption. <i>JBMR Plus</i> , <b>2020</b> , 4, e10370	3.9	4
8	Characteristics of L-PRP preparations for treating Achilles tendon rupture within the PATH-2 study. <i>Platelets</i> , <b>2021</b> , 32, 273-279	3.6	4
7	Co-expression of DKK-1 and Sclerostin in Subchondral Bone of the Proximal Femoral Heads from Osteoarthritic Hips. <i>Calcified Tissue International</i> , <b>2017</b> , 100, 609-618	3.9	3
6	Organotypic Culture of Bone-Like Structures Using Composite Ceramic-Fibrin Scaffolds. <i>Current Protocols in Stem Cell Biology</i> , <b>2019</b> , 48, e79	2.8	3

5	Platelet-rich plasma in Achilles tendon healing 2 (PATH-2) trial: statistical analysis plan for a multicentre, double-blinded, parallel-group, placebo-controlled randomised clinical trial. <i>Trials</i> , <b>2018</b> , 19, 464	2.8	3
4	Organotypic Bone Culture: An In Vitro Model for the Development of Mature Bone Containing an Osteocyte Network (Adv. Biosys. 2/2018). <i>Advanced Biology</i> , <b>2018</b> , 2, 1870012	3.5	2
3	Growth Factors <b>2006</b> , 99-113		2
2	An in vitro scratch tendon tissue injury model: effects of high frequency low magnitude loading. <i>Connective Tissue Research</i> , <b>2017</b> , 58, 162-171	3.3	1
1	Using Fluorescence Recovery After Photobleaching to Study Gap Junctional Communication In Vitro. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1437, 171-9	1.4	1