Helen J Knowles

List of Publications by Year
in descending order

32	1,686	279798 23	434195 31
papers	citations	h-index	g-index

34	34	34	2608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hypoxia-inducible factor (HIF)â€“mediated effects of the hypoxic niche in bone cancer. , 2022, , 321-335.		1
2	Loss of mutual protection between human osteoclasts and chondrocytes in damaged joints initiates osteoclast-mediated cartilage degradation by MMPs. Scientific Reports, 2021, 11, 22708.	3.3	5
3	Distinct roles for the hypoxia-inducible transcription factors HIF-1Î± and HIF-2Î± in human osteoclast formation and function. Scientific Reports, 2020, 10, 21072.	3.3	16
4	Osteoblastâ€“Osteoclast Coculture Amplifies Inhibitory Effects of <scp>FG</scp>â€4592 on Human Osteoclastogenesis and Reduces Bone Resorption. JBMR Plus, 2020, 4, e10370.	2.7	13
5	The Adenosine A2B Receptor Drives Osteoclast-Mediated Bone Resorption in Hypoxic Microenvironments. Cells, 2019, 8, 624.	4.1	12
6	Transcriptomic profiling of the myeloma bone-lining niche reveals BMP signalling inhibition to improve bone disease. Nature Communications, 2019, 10, 4533.	12.8	46
7	Angiopoietin-like 4 promotes osteosarcoma cell proliferation and migration and stimulates osteoclastogenesis. BMC Cancer, 2018, 18, 536.	2.6	28
8	BRAF/MAPK and GSK3 signaling converges to control MITF nuclear export. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8668-E8677.	7.1	50
9	Hypoxia-Induced Fibroblast Growth Factor 11 Stimulates Osteoclast-Mediated Resorption of Bone. Calcified Tissue International, 2017, 100, 382-391.	3.1	23
10	Hypoxiaâ€inducible factor 1â€alpha does not regulate osteoclastogenesis but enhances bone resorption activity via prolylâ€4â€hydroxylase 2. Journal of Pathology, 2017, 242, 322-333.	4.5	53
11	Multiple Roles of Angiopoietin-Like 4 in Osteolytic Disease. Frontiers in Endocrinology, 2017, 8, 80.	3.5	20
12	Hypoxic regulation of osteoclast differentiation and bone resorption activity. Hypoxia (Auckland, N Z) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	86
13	Angiopoietin-Like 4 Is Over-Expressed in Rheumatoid Arthritis Patients: Association with Pathological Bone Resorption. PLoS ONE, 2014, 9, e109524.	2.5	32
14	Differential regulation of <scp>HIF</scp>â€mediated pathways increases mitochondrial metabolism and <scp>ATP</scp> production in hypoxic osteoclasts. Journal of Pathology, 2013, 229, 755-764.	4.5	70
15	KRAS p.G13D mutations are associated with sensitivity to anti-EGFR antibody treatment in colorectal cancer cell lines. Journal of Cancer Research and Clinical Oncology, 2013, 139, 201-209.	2.5	31
16	VEGF, FLT3 ligand, PlGF and HGF can substitute for M-CSF to induce human osteoclast formation: implications for giant cell tumour pathobiology. Laboratory Investigation, 2012, 92, 1398-1406.	3.7	40
17	CD14â^' mononuclear stromal cells support (CD14+) monocyteâ€“osteoclast differentiation in aneurysmal bone cyst. Laboratory Investigation, 2012, 92, 600-605.	3.7	15
18	The CXCR4-CXCL12 axis in Ewing sarcoma: promotion of tumor growth rather than metastatic disease. Clinical Sarcoma Research, 2012, 2, 24.	2.3	40

#	Article	IF	Citations
19	Epidermal growth factor receptor signalling contributes to osteoblastic stromal cell proliferation, osteoclastogenesis and disease progression in giant cell tumour of bone. Histopathology, 2011, 59, 376-389.	2.9	20
20	Ewing sarcoma cells express RANKL and support osteoclastogenesis. Journal of Pathology, 2011, 225, 195-202.	4.5	35
21	Hypoxia and hypoglycaemia in Ewing's sarcoma and osteosarcoma: regulation and phenotypic effects of Hypoxia-Inducible Factor. BMC Cancer, 2010, 10, 372.	2.6	49
22	Hypoxiaâ€inducible factor regulates osteoclastâ€mediated bone resorption: role of angiopoietinâ€like 4. FASEB Journal, 2010, 24, 4648-4659.	0.5	5
23	Hypoxia-inducible factor regulates osteoclast-mediated bone resorption: role of angiopoietin-like 4. FASEB Journal, 2010, 24, 4648-4659.	0.5	89
24	Acute hypoxia and osteoclast activity: a balance between enhanced resorption and increased apoptosis. Journal of Pathology, 2009, 218, 256-264.	4.5	100
25	Macrophage Infiltration and Angiogenesis in Human Malignancy. Novartis Foundation Symposium, 2008, , 189-204.	1.1	51
26	Macrophages and the hypoxic tumour microenvironment. Frontiers in Bioscience - Landmark, 2007, 12, 4298.	3.0	63
27	Normoxic Stabilization of Hypoxia-Inducible Factor-1Î± by Modulation of the Labile Iron Pool in Differentiating U937 Macrophages: Effect of Natural Resistanceâ€“Associated Macrophage Protein 1. Cancer Research, 2006, 66, 2600-2607.	0.9	84
28	Niacin induces PPARÎ³ expression and transcriptional activation in macrophages via HM74 and HM74a-mediated induction of prostaglandin synthesis pathways. Biochemical Pharmacology, 2006, 71, 646-656.	4.4	89
29	Novel Mechanism of Action for Hydralazine. Circulation Research, 2004, 95, 162-169.	4.5	125
30	Macrophage infiltration and angiogenesis in human malignancy. Novartis Foundation Symposium, 2004, 256, 189-200; discussion 200-4, 259-69.	1.1	28
31	Effect of ascorbate on the activity of hypoxia-inducible factor in cancer cells. Cancer Research, 2003, 63, 1764-8.	0.9	273
32	Hypoxia and oxidative stress in breast cancer Hypoxia and tumourigenesis. Breast Cancer Research, 2001, 3, 318-22.	5.0	92