Charles N Pagel

List of Publications by Year in Descending Order

48 papers	1,903 citations	23 h-index	43 g-index
55 ext. papers	2,026 ext. citations	4.4 avg, IF	4.15 L-index

#	Paper	IF	Citations
48	Normal inflammation and regeneration of muscle following injury require osteopontin from both muscle and non-muscle cells. *Skeletal Muscle*, **2019**, 9, 6	5.1	10
47	Keratinocyte-specific ablation of protease-activated receptor 2 prevents gingival inflammation and bone loss in a mouse model of periodontal disease. *Cellular Microbiology*, **2018**, 20, e12891	3.9	4
46	A T cell-specific knockout reveals an important role for protease-activated receptor 2 in lymphocyte development. *International Journal of Biochemistry and Cell Biology*, **2017**, 92, 95-103	5.6	1
45	The vacuolar H ATPase V subunit d is associated with chondrocyte hypertrophy and supports chondrocyte differentiation. *Bone Reports*, **2017**, 7, 98-107	2.6	5
44	The antiepileptic medications carbamazepine and phenytoin inhibit native sodium currents in murine osteoblasts. *Epilepsia*, **2016**, 57, 1398-405	6.4	12
43	Identification of novel osteochondrosis--Associated genes. *Journal of Orthopaedic Research*, **2016**, 34, 404-11	3.8	14
42	Evidence of apoptosis induced by viral protein 2 of chicken anaemia virus. *Archives of Virology*, **2015** , 160, 2557-63	2.6	9
41	Osteopontin, inflammation and myogenesis: influencing regeneration, fibrosis and size of skeletal muscle. *Journal of Cell Communication and Signaling*, **2014**, 8, 95-103	5.2	58
40	Contractile properties of slow and fast skeletal muscles from protease activated receptor-1 null mice. *Muscle and Nerve*, **2014**, 50, 991-8	3.4	3
39	Tumour progression and cancer-induced pain: a role for protease-activated receptor-2?. *International Journal of Biochemistry and Cell Biology*, **2014**, 57, 149-56	5.6	9
38	Omega-1 knockdown in Schistosoma mansoni eggs by lentivirus transduction reduces granuloma size in vivo. *Nature Communications*, **2014**, 5, 5375	17.4	52
37	Thrombin inhibits osteoclast differentiation through a non-proteolytic mechanism. *Journal of Molecular Endocrinology*, **2013**, 50, 347-59	4.5	12
36	Osteopontin deficiency delays inflammatory infiltration and the onset of muscle regeneration in a mouse model of muscle injury. *DMM Disease Models and Mechanisms*, **2013**, 6, 197-205	4.1	41
35	Evaluation of antibodies directed against human protease-activated receptor-2. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2012**, 385, 861-73	3.4	19
34	Proteinase-activated receptor-2 is required for normal osteoblast and osteoclast differentiation during skeletal growth and repair. *Bone*, **2012**, 50, 704-12	4.7	22
33	The ovicidal, larvacidal and adulticidal properties of 5,5Ŷdimethyl-2,2Ŷbipyridyl against Drosophila melanogaster. *PLoS ONE*, **2012**, 7, e49961	3.7	4
32	Proteinase-activated receptor-2 (PAR2) and mouse osteoblasts: regulation of cell function and lack of specificity of PAR2-activating peptides. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 328-36	3	14

31	Protease-activated receptor 2 has pivotal roles in cellular mechanisms involved in experimental periodontitis. *Infection and Immunity*, **2010**, 78, 629-38	3.7	23
30	Protease-activated receptor-1 down-regulates the murine inflammatory and humoral response to Helicobacter pylori. *Gastroenterology*, **2010**, 138, 573-82	13.3	26
29	Periostin expression distinguishes between light and dark hypertrophic chondrocytes. *International Journal of Biochemistry and Cell Biology*, **2010**, 42, 880-9	5.6	12
28	Identification of light and dark hypertrophic chondrocytes in mouse and rat chondrocyte pellet cultures. *Tissue and Cell*, **2010**, 42, 121-8	2.7	5
27	High molecular weight gingipains from Porphyromonas gingivalis induce cytokine responses from human macrophage-like cells via a nonproteolytic mechanism. *Journal of Innate Immunity*, **2009**, 1, 109-17	6.9	25
26	Altered gene expression in early osteochondrosis lesions. *Journal of Orthopaedic Research*, **2009**, 27, 452-7	3.8	32
25	The gingipains from Porphyromonas gingivalis do not directly induce osteoclast differentiation in primary mouse bone marrow cultures. *Journal of Periodontal Research*, **2009**, 44, 565-7	4.3	5
24	Thrombin-stimulated growth factor and cytokine expression in osteoblasts is mediated by protease-activated receptor-1 and prostanoids. *Bone*, **2009**, 44, 813-21	4.7	35
23	Protease-activated receptors in the musculoskeletal system. *International Journal of Biochemistry and Cell Biology*, **2008**, 40, 1169-84	5.6	35
22	Osteopontin and skeletal muscle myoblasts: association with muscle regeneration and regulation of myoblast function in vitro. *International Journal of Biochemistry and Cell Biology*, **2008**, 40, 2303-14	5.6	83
21	Myoblasts isolated from hypertrophy-responsive callipyge muscles show altered growth rates and increased resistance to serum deprivation-induced apoptosis. *Cells Tissues Organs*, **2008**, 187, 141-51	2.1	6
20	Physiological death of hypertrophic chondrocytes. *Osteoarthritis and Cartilage*, **2007**, 15, 575-86	6.2	56
19	Hypertrophy and physiological death of equine chondrocytes in vitro. *Equine Veterinary Journal*, **2007**, 39, 546-52	2.4	10
18	Functional responses of bone cells to thrombin. *Biological Chemistry*, **2006**, 387, 1037-41	4.5	14
17	Studies on the receptors mediating responses of osteoblasts to thrombin. *International Journal of Biochemistry and Cell Biology*, **2005**, 37, 206-13	5.6	26
16	The role of protease-activated receptor-1 in bone healing. *American Journal of Pathology*, **2005**, 166, 857-68	5.8	41
15	Thrombin is a pro-fibrotic factor for rat renal fibroblasts in vitro. *Nephron Experimental Nephrology*, **2005**, 101, e42-9		12
14	Activation of protease-activated receptor-2 leads to inhibition of osteoclast differentiation. *Journal of Bone and Mineral Research*, **2004**, 19, 507-16	6.3	32

13	Inhibition of osteoblast apoptosis by thrombin. *Bone*, **2003**, 33, 733-43	4.7	59
12	Protease-activated receptors: a means of converting extracellular proteolysis into intracellular signals. *IUBMB Life*, **2002**, 53, 277-81	4.7	56
11	Myogenic cell proliferation and generation of a reversible tumorigenic phenotype are triggered by preirradiation of the recipient site. *Journal of Cell Biology*, **2002**, 157, 693-702	7.3	61
10	Organization and conservation of the GART/SON/DONSON locus in mouse and human genomes. *Genomics*, **2000**, 68, 57-62	4.3	26
9	Dynamics of myoblast transplantation reveal a discrete minority of precursors with stem cell-like properties as the myogenic source. *Journal of Cell Biology*, **1999**, 144, 1113-22	7.3	436
8	Covert persistence of mdx mouse myopathy is revealed by acute and chronic effects of irradiation. *Journal of the Neurological Sciences*, **1999**, 164, 103-16	3.2	60
7	Chapter 12 The molecular and cellular biology of skeletal muscle myogenesis. *Principles of Medical Biology*, **1998**, 229-259		
6	A dual-marker system for quantitative studies of myoblast transplantation in the mouse. *Transplantation*, **1997**, 63, 1794-7	1.8	53
5	Myoblast transfer and gene therapy in muscular dystrophies. *Microscopy Research and Technique*, **1995**, 30, 469-79	2.8	16
4	Myogenic cell lines derived from transgenic mice carrying a thermolabile T antigen: a model system for the derivation of tissue-specific and mutation-specific cell lines. *Developmental Biology*, **1994**, 162, 486-98	3.1	241
3	Long-term persistence and migration of myogenic cells injected into pre-irradiated muscles of mdx mice. *Journal of the Neurological Sciences*, **1993**, 115, 191-200	3.2	123
2	The change in dystrophin phenotype in heterozygous mdx mice. *Journal of Neuropathology and Experimental Neurology*, **1991**, 50, 278-80	3.1	2
1	In situ hybridisation of a Y chromosome-specific probe to male myoblasts after implantation into female skeletal muscle. *Biochemical Society Transactions*, **1991**, 19, 195S	5.1	2