

Charles N Pagel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Dynamics of myoblast transplantation reveal a discrete minority of precursors with stem cell-like properties as the myogenic source. <i>Journal of Cell Biology</i> , 1999 , 144, 1113-22	7.3	436
47	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. <i>Developmental Biology</i> , 1994 , 162, 486-98	3.1	241
46	Long-term persistence and migration of myogenic cells injected into pre-irradiated muscles of mdx mice. <i>Journal of the Neurological Sciences</i> , 1993 , 115, 191-200	3.2	123
45	Osteopontin and skeletal muscle myoblasts: association with muscle regeneration and regulation of myoblast function in vitro. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2303-14	5.6	83
44	Myogenic cell proliferation and generation of a reversible tumorigenic phenotype are triggered by preirradiation of the recipient site. <i>Journal of Cell Biology</i> , 2002 , 157, 693-702	7.3	61
43	Covert persistence of mdx mouse myopathy is revealed by acute and chronic effects of irradiation. <i>Journal of the Neurological Sciences</i> , 1999 , 164, 103-16	3.2	60
42	Inhibition of osteoblast apoptosis by thrombin. <i>Bone</i> , 2003 , 33, 733-43	4.7	59
41	Osteopontin, inflammation and myogenesis: influencing regeneration, fibrosis and size of skeletal muscle. <i>Journal of Cell Communication and Signaling</i> , 2014 , 8, 95-103	5.2	58
40	Physiological death of hypertrophic chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2007 , 15, 575-86	6.2	56
39	Protease-activated receptors: a means of converting extracellular proteolysis into intracellular signals. <i>IUBMB Life</i> , 2002 , 53, 277-81	4.7	56
38	A dual-marker system for quantitative studies of myoblast transplantation in the mouse. <i>Transplantation</i> , 1997 , 63, 1794-7	1.8	53
37	Omega-1 knockdown in <i>Schistosoma mansoni</i> eggs by lentivirus transduction reduces granuloma size in vivo. <i>Nature Communications</i> , 2014 , 5, 5375	17.4	52
36	Osteopontin deficiency delays inflammatory infiltration and the onset of muscle regeneration in a mouse model of muscle injury. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 197-205	4.1	41
35	The role of protease-activated receptor-1 in bone healing. <i>American Journal of Pathology</i> , 2005 , 166, 857-68	5.8	41
34	Thrombin-stimulated growth factor and cytokine expression in osteoblasts is mediated by protease-activated receptor-1 and prostanoids. <i>Bone</i> , 2009 , 44, 813-21	4.7	35
33	Protease-activated receptors in the musculoskeletal system. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 1169-84	5.6	35
32	Altered gene expression in early osteochondrosis lesions. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 452-7	3.8	32

31	Activation of protease-activated receptor-2 leads to inhibition of osteoclast differentiation. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 507-16	6.3	32
30	Protease-activated receptor-1 down-regulates the murine inflammatory and humoral response to <i>Helicobacter pylori</i> . <i>Gastroenterology</i> , 2010 , 138, 573-82	13.3	26
29	Studies on the receptors mediating responses of osteoblasts to thrombin. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 206-13	5.6	26
28	Organization and conservation of the GART/SON/DONSON locus in mouse and human genomes. <i>Genomics</i> , 2000 , 68, 57-62	4.3	26
27	High molecular weight gingipains from <i>Porphyromonas gingivalis</i> induce cytokine responses from human macrophage-like cells via a nonproteolytic mechanism. <i>Journal of Innate Immunity</i> , 2009 , 1, 109-117	6.9	25
26	Protease-activated receptor 2 has pivotal roles in cellular mechanisms involved in experimental periodontitis. <i>Infection and Immunity</i> , 2010 , 78, 629-38	3.7	23
25	Proteinase-activated receptor-2 is required for normal osteoblast and osteoclast differentiation during skeletal growth and repair. <i>Bone</i> , 2012 , 50, 704-12	4.7	22
24	Evaluation of antibodies directed against human protease-activated receptor-2. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012 , 385, 861-73	3.4	19
23	Myoblast transfer and gene therapy in muscular dystrophies. <i>Microscopy Research and Technique</i> , 1995 , 30, 469-79	2.8	16
22	Proteinase-activated receptor-2 (PAR2) and mouse osteoblasts: regulation of cell function and lack of specificity of PAR2-activating peptides. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, 328-36	3	14
21	Functional responses of bone cells to thrombin. <i>Biological Chemistry</i> , 2006 , 387, 1037-41	4.5	14
20	Identification of novel osteochondrosis--Associated genes. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 404-11	3.8	14
19	The antiepileptic medications carbamazepine and phenytoin inhibit native sodium currents in murine osteoblasts. <i>Epilepsia</i> , 2016 , 57, 1398-405	6.4	12
18	Thrombin inhibits osteoclast differentiation through a non-proteolytic mechanism. <i>Journal of Molecular Endocrinology</i> , 2013 , 50, 347-59	4.5	12
17	Periostin expression distinguishes between light and dark hypertrophic chondrocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 880-9	5.6	12
16	Thrombin is a pro-fibrotic factor for rat renal fibroblasts in vitro. <i>Nephron Experimental Nephrology</i> , 2005 , 101, e42-9		12
15	Normal inflammation and regeneration of muscle following injury require osteopontin from both muscle and non-muscle cells. <i>Skeletal Muscle</i> , 2019 , 9, 6	5.1	10
14	Hypertrophy and physiological death of equine chondrocytes in vitro. <i>Equine Veterinary Journal</i> , 2007 , 39, 546-52	2.4	10

13	Evidence of apoptosis induced by viral protein 2 of chicken anaemia virus. <i>Archives of Virology</i> , 2015 , 160, 2557-63	2.6	9
12	Tumour progression and cancer-induced pain: a role for protease-activated receptor-2?. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 57, 149-56	5.6	9
11	Myoblasts isolated from hypertrophy-responsive callipyge muscles show altered growth rates and increased resistance to serum deprivation-induced apoptosis. <i>Cells Tissues Organs</i> , 2008 , 187, 141-51	2.1	6
10	The vacuolar H ATPase V subunit d is associated with chondrocyte hypertrophy and supports chondrocyte differentiation. <i>Bone Reports</i> , 2017 , 7, 98-107	2.6	5
9	Identification of light and dark hypertrophic chondrocytes in mouse and rat chondrocyte pellet cultures. <i>Tissue and Cell</i> , 2010 , 42, 121-8	2.7	5
8	The gingipains from <i>Porphyromonas gingivalis</i> do not directly induce osteoclast differentiation in primary mouse bone marrow cultures. <i>Journal of Periodontal Research</i> , 2009 , 44, 565-7	4.3	5
7	Keratinocyte-specific ablation of protease-activated receptor 2 prevents gingival inflammation and bone loss in a mouse model of periodontal disease. <i>Cellular Microbiology</i> , 2018 , 20, e12891	3.9	4
6	The ovicidal, larvacidal and adulticidal properties of 5,5-dimethyl-2,2-bipyridyl against <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012 , 7, e49961	3.7	4
5	Contractile properties of slow and fast skeletal muscles from protease activated receptor-1 null mice. <i>Muscle and Nerve</i> , 2014 , 50, 991-8	3.4	3
4	The change in dystrophin phenotype in heterozygous mdx mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 1991 , 50, 278-80	3.1	2
3	In situ hybridisation of a Y chromosome-specific probe to male myoblasts after implantation into female skeletal muscle. <i>Biochemical Society Transactions</i> , 1991 , 19, 195S	5.1	2
2	A T cell-specific knockout reveals an important role for protease-activated receptor 2 in lymphocyte development. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 92, 95-103	5.6	1
1	Chapter 12 The molecular and cellular biology of skeletal muscle myogenesis. <i>Principles of Medical Biology</i> , 1998 , 229-259		