

Kin-Hing Lau

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.

30
papers

601
citations

12
h-index

24
g-index

31
ext. papers

688
ext. citations

5.5
avg, IF

3.65
L-index

#	Paper	IF	Citations
30	Up-regulation of the Wnt, estrogen receptor, insulin-like growth factor-I, and bone morphogenetic protein pathways in C57BL/6J osteoblasts as opposed to C3H/HeJ osteoblasts in part contributes to the differential anabolic response to fluid shear. <i>Journal of Biological Chemistry</i> , 2006 , 281, 9576-88	5.4	133
29	Effect of aging on stem cells. <i>World Journal of Experimental Medicine</i> , 2017 , 7, 1-10	0.4	85
28	Retroviral-based gene therapy with cyclooxygenase-2 promotes the union of bony callus tissues and accelerates fracture healing in the rat. <i>Journal of Gene Medicine</i> , 2008 , 10, 229-41	3.5	48
27	PDGFB-based stem cell gene therapy increases bone strength in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E3893-900	11.5	39
26	Fracture healing in mice deficient in plasminogen activator inhibitor-1. <i>Calcified Tissue International</i> , 2008 , 83, 276-84	3.9	35
25	MicroRNA223 promotes pathogenic T-cell development and autoimmune inflammation in central nervous system in mice. <i>Immunology</i> , 2016 , 148, 326-38	7.8	28
24	1,25-Dihydroxyvitamin D suppresses M1 macrophages and promotes M2 differentiation at bone injury sites. <i>JCI Insight</i> , 2018 , 3,	9.9	27
23	Cellular and molecular mechanisms of accelerated fracture healing by COX2 gene therapy: studies in a mouse model of multiple fractures. <i>Bone</i> , 2013 , 53, 369-81	4.7	26
22	EphA4 receptor is a novel negative regulator of osteoclast activity. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 804-19	6.3	25
21	Targeted 25-hydroxyvitamin D3 1 β -hydroxylase adoptive gene therapy ameliorates dss-induced colitis without causing hypercalcemia in mice. <i>Molecular Therapy</i> , 2015 , 23, 339-51	11.7	22
20	Sca-1(+) hematopoietic cell-based gene therapy with a modified FGF-2 increased endosteal/trabecular bone formation in mice. <i>Molecular Therapy</i> , 2007 , 15, 1881-9	11.7	16
19	Role of protein-tyrosine phosphatases in regulation of osteoclastic activity. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 1946-61	10.3	14
18	An osteoclastic protein-tyrosine phosphatase regulates the β -integrin, syk, and shp1 signaling through respective src-dependent phosphorylation in osteoclasts. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 302, C1676-86	5.4	12
17	In Vivo Generation of Gut-Homing Regulatory T Cells for the Suppression of Colitis. <i>Journal of Immunology</i> , 2019 , 202, 3447-3457	5.3	10
16	Cyclooxygenase 2 augments osteoblastic but suppresses chondrocytic differentiation of CD90 skeletal stem cells in fracture sites. <i>Science Advances</i> , 2019 , 5, eaaw2108	14.3	10
15	Osteocyte-derived insulin-like growth factor I is not essential for the bone repletion response in mice. <i>PLoS ONE</i> , 2015 , 10, e0115897	3.7	8
14	Lentiviral-based BMP4 in vivo gene transfer strategy increases pull-out tensile strength without an improvement in the osteointegration of the tendon graft in a rat model of biceps tenodesis. <i>Journal of Gene Medicine</i> , 2011 , 13, 511-21	3.5	8

13	An Osteoclastic Transmembrane Protein-Tyrosine Phosphatase Enhances Osteoclast Activity in Part by Dephosphorylating EphA4 in Osteoclasts. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1785-96	4.7	7
12	Mechanistic study of the cause of decreased blood 1,25-Dihydroxyvitamin D in sepsis. <i>BMC Infectious Diseases</i> , 2019 , 19, 1020	4	7
11	Dendritic cells, engineered to overexpress 25-hydroxyvitamin D 1 β hydroxylase and pulsed with a myelin antigen, provide myelin-specific suppression of ongoing experimental allergic encephalomyelitis. <i>FASEB Journal</i> , 2017 , 31, 2996-3006	0.9	6
10	Conditional Disruption of in Osteoclasts Led to Activation of Osteoclasts and Loss of Trabecular Bone In Part Through Suppression of the miR17-Mediated Downregulation of Protein-Tyrosine Phosphatase-oc in Mice. <i>JBMR Plus</i> , 2017 , 1, 73-85	3.9	6
9	Direct lentiviral-cyclooxygenase 2 application to the tendon-bone interface promotes osteointegration and enhances return of the pull-out tensile strength of the tendon graft in a rat model of biceps tenodesis. <i>PLoS ONE</i> , 2014 , 9, e98004	3.7	6
8	Bidirectional ephrin signaling in bone. <i>Osteoporosis and Sarcopenia</i> , 2016 , 2, 65-76	2.3	6
7	Deficient arginase II expression without alteration in arginase I expression attenuated experimental autoimmune encephalomyelitis in mice. <i>Immunology</i> , 2018 , 155, 85-98	7.8	4
6	A Mouse Noninvasive Intraarticular Tibial Plateau Compression Loading-Induced Injury Model of Posttraumatic Osteoarthritis. <i>Calcified Tissue International</i> , 2020 , 106, 158-171	3.9	4
5	A novel miR17/protein tyrosine phosphatase-oc/EphA4 regulatory axis of osteoclast activity. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 650, 30-38	4.1	4
4	Marrow stromal cell-based cyclooxygenase 2 ex vivo gene-transfer strategy surprisingly lacks bone-regeneration effects and suppresses the bone-regeneration action of bone morphogenetic protein 4 in a mouse critical-sized calvarial defect model. <i>Calcified Tissue International</i> , 2009 , 85, 356-67	3.9	3
3	Unique anabolic action of stem cell gene therapy overexpressing PDGFB-DSS6 fusion protein in OVX osteoporosis mouse model. <i>Bone Reports</i> , 2020 , 12, 100236	2.6	1
2	The EphA4 Signaling is Anti-catabolic in Synoviocytes but Pro-anabolic in Articular Chondrocytes. <i>Calcified Tissue International</i> , 2020 , 107, 576-592	3.9	1
1	Unique Regenerative Mechanism to Replace Bone Lost During Dietary Bone Depletion in Weanling Mice. <i>Endocrinology</i> , 2017 , 158, 714-729	4.8	0