Dominique Modrowski

List of Publications by Year
in descending order

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44 papers	2,520 citations	201575 27 h-index	276775 41 g-index
49 all docs	49 docs citations	49 times ranked	2672 citing authors

#	Article	IF	Citations
1	Metastatic Progression of Osteosarcomas: A Review of Current Knowledge of Environmental versus Oncogenic Drivers. Cancers, 2022, 14, 360.	1.7	28
2	Calpain-6 controls the fate of sarcoma stem cells by promoting autophagy and preventing senescence. JCI Insight, 2018, 3, .	2.3	21
3	Osteoblastic heparan sulfate glycosaminoglycans control bone remodeling by regulating Wnt signaling and the crosstalk between bone surface and marrow cells. Cell Death and Disease, 2017, 8, e2902-e2902.	2.7	47
4	HIF1Î± protects from osteoarthritis by inhibiting MMP13 expression through WNT/ Î²-catenin signaling. Osteoarthritis and Cartilage, 2016, 24, S138.	0.6	1
5	Interaction of HIF1Î± and Î²-catenin inhibits matrix metalloproteinase 13 expression and prevents cartilage damage in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5453-5458.	3.3	94
6	OP0255â€…MMP13 is Transcriptionally Repressed by the HIF1Î±/Î²-Catenin Interaction in Chondrocytes and Osteoarthritis in Mice. Annals of the Rheumatic Diseases, 2015, 74, 168.2-168.	0.5	0
7	Increased NF-ÎºB Activity and Decreased Wnt/Î²-Catenin Signaling Mediate Reduced Osteoblast Differentiation and Function in Î”F508 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Mice. Journal of Biological Chemistry, 2015, 290, 18009-18017.	1.6	44
8	Role of syndecan-2 in osteoblast biology and pathology. BoneKEy Reports, 2015, 4, 666.	2.7	18
9	HIF1Î±/Î²-catenin complex is a transcriptional repressor of Mmp13. Osteoarthritis and Cartilage, 2015, 23, A132.	0.6	0
10	Deregulation of osteoblast differentiation in primary bone cancers. , 2015, , 39-54.		1
11	Cadherin-Mediated Cellâ€“Cell Adhesion and Signaling in the Skeleton. Calcified Tissue International, 2014, 94, 46-54.	1.5	75
12	ErbB3 silencing reduces osteosarcoma cell proliferation and tumor growth in vivo. Gene, 2013, 521, 55-61.	1.0	15
13	Syndecan-2 controls the fate of osteoblast precursors through modulation of Wnt signaling. Bone, 2012, 50, S73.	1.4	0
14	Targeted inhibition of T-cell factor activity promotes syndecan-2 expression and sensitization to doxorubicin in osteosarcoma cells and bone tumors in mice. Journal of Bone and Mineral Research, 2012, 27, 2118-2129.	3.1	40
15	Targeting the E3 ubiquitin casitas B-lineage lymphoma decreases osteosarcoma cell growth and survival and reduces tumorigenesis. Journal of Bone and Mineral Research, 2012, 27, 2108-2117.	3.1	18
16	Calpainâ€6 is an endothelinâ€1 signaling dependent protective factor in chemoresistant osteosarcoma. International Journal of Cancer, 2012, 130, 2514-2525.	2.3	31
17	High Wnt Signaling Represses the Proapoptotic Proteoglycan syndecan-2 in Osteosarcoma Cells. Cancer Research, 2010, 70, 5399-5408.	0.4	45
18	Syndecan-2 Affects the Basal and Chemotherapy-Induced Apoptosis in Osteosarcoma. Cancer Research, 2007, 67, 3708-3715.	0.4	47

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19	RhoA GTPase inactivation by statins induces osteosarcoma cell apoptosis by inhibiting p42/p44-MAPKs-Bcl-2 signaling independently of BMP-2 and cell differentiation. Cell Death and Differentiation, 2006, 13, 1845-1856.	5.0	104
20	Dual involvement of protein kinase C Î´ in apoptosis induced by syndecan-2 in osteoblasts. Journal of Cellular Biochemistry, 2006, 98, 838-850.	1.2	18
21	Syndecan-2 overexpression induces osteosarcoma cell apoptosis: Implication of syndecan-2 cytoplasmic domain and JNK signaling. Bone, 2005, 37, 180-189.	1.4	38
22	Increased Osteoblast Apoptosis in Apert Craniosynostosis. American Journal of Pathology, 2001, 158, 1833-1842.	1.9	77
23	Role of N-Cadherin and Protein Kinase C in Osteoblast Gene Activation Induced by the S252W Fibroblast Growth Factor Receptor 2 Mutation in Apert Craniosynostosis. Journal of Bone and Mineral Research, 2001, 16, 832-845.	3.1	71
24	N- and E-cadherin mediate early human calvaria osteoblast differentiation promoted by bone morphogenetic protein-2. Journal of Cellular Physiology, 2000, 183, 117-128.	2.0	85
25	Syndecan-2 Is Involved in the Mitogenic Activity and Signaling of Granulocyte-Macrophage Colony-stimulating Factor in Osteoblasts. Journal of Biological Chemistry, 2000, 275, 9178-9185.	1.6	61
26	The Ser252Trp Fibroblast Growth Factor Receptor-2 (FGFR-2) Mutation Induces PKC-Independent Downregulation of FGFR-2 Associated with Premature Calvaria Osteoblast Differentiation. Experimental Cell Research, 2000, 256, 158-167.	1.2	76
27	Alterations of matrix- and cell-associated proteoglycans inhibit osteogenesis and growth response to fibroblast growth factor-2 in cultured rat mandibular condyle and calvaria. Cell and Tissue Research, 1999, 295, 523-536.	1.5	33
28	Differential expression of fibroblast growth factor receptor-1, -2, and -3 and syndecan-1, -2, and -4 in neonatal rat mandibular condyle and calvaria during osteogenic differentiation in vitro. Bone, 1999, 24, 337-347.	1.4	84
29	Glycosaminoglycans bind granulocyte-macrophage colony-stimulating factor and modulate its mitogenic activity and signaling in human osteoblastic cells. Journal of Cellular Physiology, 1998, 177, 187-195.	2.0	35
30	Sequential Expression of Bone Matrix Proteins During Rat Calvaria Osteoblast Differentiation and Bone Nodule Formation In Vitro. Journal of Histochemistry and Cytochemistry, 1997, 45, 493-503.	1.3	87
31	Endogenous GM-CSF is involved as an autocrine growth factor for human osteoblastic cells. Journal of Cellular Physiology, 1997, 170, 35-46.	2.0	23
32	Involvement of interleukin 1 and Tumour Necrosis Factor Î± as endogenous growth factors in human osteoblastic cells. Cytokine, 1995, 7, 720-726.	1.4	27
33	Cellular expression of bone-related proteins during in vitro osteogenesis in rat bone marrow stromal cell cultures. Journal of Cellular Physiology, 1994, 158, 555-572.	2.0	335
34	Regional variation of insulin-like growth factor-I gene expression in mature rat bone and cartilage. Bone, 1994, 15, 563-576.	1.4	69
35	Cells isolated from the endosteal bone surface of adult rats express differentiated osteoblastic characteristics in vitro. Cell and Tissue Research, 1993, 271, 499-505.	1.5	36
36	Short-term effects of organic silicon on trabecular bone in mature ovariectomized rats. Calcified Tissue International, 1993, 53, 174-179.	1.5	124

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37	An uncoupling agent containing strontium prevents bone loss by depressing bone resorption and maintaining bone formation in estrogen-deficient rats. Journal of Bone and Mineral Research, 1993, 8, 607-615.	3.1	333
38	Dynamics of Circulating Osteocalcin in Rats During Growth and Under Experimental Conditions. Hormone and Metabolic Research, 1992, 24, 474-477.	0.7	25
39	Prevention of adjuvant arthritis by cyclosporine in rats. Seminars in Arthritis and Rheumatism, 1992, 21, 23-29.	1.6	16
40	Effect of fluoride on bone and bone cells in ovariectomized rats. Journal of Bone and Mineral Research, 1992, 7, 961-969.	3.1	41
41	Effect of calcitonin administration on young pig trabecular bone remodeling. Bone, 1990, 11, 29-33.	1.4	20
42	Cyclosporin a induces in vivo inhibition of resorption and stimulation of formation in rat bone. Journal of Bone and Mineral Research, 1989, 4, 387-391.	3.1	88
43	Multifactorial Low Remodeling Bone Disease during Cyclic Total Parenteral Nutrition. Journal of Clinical Endocrinology and Metabolism, 1985, 60, 109-113.	1.8	84
44	Effects of iron overload on bone remodeling in pigs. Bone, 1985, 6, 407-408.	1.4	2