

Dominique Modrowski

List of Publications by Year in descending order

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Version: 2024-02-01

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	Cellular expression of bone-related proteins during in vitro osteogenesis in rat bone marrow stromal cell cultures. <i>Journal of Cellular Physiology</i> , 1994, 158, 555-572.	2.0	335
2	An uncoupling agent containing strontium prevents bone loss by depressing bone resorption and maintaining bone formation in estrogen-deficient rats. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 607-615.	3.1	333
3	Short-term effects of organic silicon on trabecular bone in mature ovariectomized rats. <i>Calcified Tissue International</i> , 1993, 53, 174-179.	1.5	124
4	RhoA GTPase inactivation by statins induces osteosarcoma cell apoptosis by inhibiting p42/p44-MAPKs-Bcl-2 signaling independently of BMP-2 and cell differentiation. <i>Cell Death and Differentiation</i> , 2006, 13, 1845-1856.	5.0	104
5	Interaction of HIF1 α and β -catenin inhibits matrix metalloproteinase 13 expression and prevents cartilage damage in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5453-5458.	3.3	94
6	Cyclosporin a induces in vivo inhibition of resorption and stimulation of formation in rat bone. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 387-391.	3.1	88
7	Sequential Expression of Bone Matrix Proteins During Rat Calvaria Osteoblast Differentiation and Bone Nodule Formation In Vitro. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 493-503.	1.3	87
8	N- and E-cadherin mediate early human calvaria osteoblast differentiation promoted by bone morphogenetic protein-2. <i>Journal of Cellular Physiology</i> , 2000, 183, 117-128.	2.0	85
9	Multifactorial Low Remodeling Bone Disease during Cyclic Total Parenteral Nutrition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985, 60, 109-113.	1.8	84
10	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. <i>Bone</i> , 1999, 24, 337-347.	1.4	84
11	Increased Osteoblast Apoptosis in Apert Craniosynostosis. <i>American Journal of Pathology</i> , 2001, 158, 1833-1842.	1.9	77
12	The Ser252Trp Fibroblast Growth Factor Receptor-2 (FGFR-2) Mutation Induces PKC-Independent Downregulation of FGFR-2 Associated with Premature Calvaria Osteoblast Differentiation. <i>Experimental Cell Research</i> , 2000, 256, 158-167.	1.2	76
13	Cadherin-Mediated Cell-Cell Adhesion and Signaling in the Skeleton. <i>Calcified Tissue International</i> , 2014, 94, 46-54.	1.5	75
14	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. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 832-845.	3.1	71
15	Regional variation of insulin-like growth factor-I gene expression in mature rat bone and cartilage. <i>Bone</i> , 1994, 15, 563-576.	1.4	69
16	Syndecan-2 Is Involved in the Mitogenic Activity and Signaling of Granulocyte-Macrophage Colony-stimulating Factor in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2000, 275, 9178-9185.	1.6	61
17	Syndecan-2 Affects the Basal and Chemotherapy-Induced Apoptosis in Osteosarcoma. <i>Cancer Research</i> , 2007, 67, 3708-3715.	0.4	47
18	Osteoblastic heparan sulfate glycosaminoglycans control bone remodeling by regulating Wnt signaling and the crosstalk between bone surface and marrow cells. <i>Cell Death and Disease</i> , 2017, 8, e2902-e2902.	2.7	47

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19	High Wnt Signaling Represses the Proapoptotic Proteoglycan <i>syndecan-2</i> in Osteosarcoma Cells. <i>Cancer Research</i> , 2010, 70, 5399-5408.	0.4	45
20	Increased NF- κ B Activity and Decreased Wnt/ β 2-Catenin Signaling Mediate Reduced Osteoblast Differentiation and Function in β 508 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 18009-18017.	1.6	44
21	Effect of fluoride on bone and bone cells in ovariectomized rats. <i>Journal of Bone and Mineral Research</i> , 1992, 7, 961-969.	3.1	41
22	Targeted inhibition of T-cell factor activity promotes syndecan-2 expression and sensitization to doxorubicin in osteosarcoma cells and bone tumors in mice. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2118-2129.	3.1	40
23	Syndecan-2 overexpression induces osteosarcoma cell apoptosis: Implication of syndecan-2 cytoplasmic domain and JNK signaling. <i>Bone</i> , 2005, 37, 180-189.	1.4	38
24	Cells isolated from the endosteal bone surface of adult rats express differentiated osteoblastic characteristics in vitro. <i>Cell and Tissue Research</i> , 1993, 271, 499-505.	1.5	36
25	Glycosaminoglycans bind granulocyte-macrophage colony-stimulating factor and modulate its mitogenic activity and signaling in human osteoblastic cells. <i>Journal of Cellular Physiology</i> , 1998, 177, 187-195.	2.0	35
26	Alterations of matrix- and cell-associated proteoglycans inhibit osteogenesis and growth response to fibroblast growth factor-2 in cultured rat mandibular condyle and calvaria. <i>Cell and Tissue Research</i> , 1999, 295, 523-536.	1.5	33
27	Calpain β is an endothelin β 1 signaling dependent protective factor in chemoresistant osteosarcoma. <i>International Journal of Cancer</i> , 2012, 130, 2514-2525.	2.3	31
28	Metastatic Progression of Osteosarcomas: A Review of Current Knowledge of Environmental versus Oncogenic Drivers. <i>Cancers</i> , 2022, 14, 360.	1.7	28
29	Involvement of interleukin 1 and Tumour Necrosis Factor β as endogenous growth factors in human osteoblastic cells. <i>Cytokine</i> , 1995, 7, 720-726.	1.4	27
30	Dynamics of Circulating Osteocalcin in Rats During Growth and Under Experimental Conditions. <i>Hormone and Metabolic Research</i> , 1992, 24, 474-477.	0.7	25
31	Endogenous GM-CSF is involved as an autocrine growth factor for human osteoblastic cells. <i>Journal of Cellular Physiology</i> , 1997, 170, 35-46.	2.0	23
32	Calpain-6 controls the fate of sarcoma stem cells by promoting autophagy and preventing senescence. <i>JCI Insight</i> , 2018, 3, .	2.3	21
33	Effect of calcitonin administration on young pig trabecular bone remodeling. <i>Bone</i> , 1990, 11, 29-33.	1.4	20
34	Dual involvement of protein kinase C β in apoptosis induced by syndecan-2 in osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 838-850.	1.2	18
35	Targeting the E3 ubiquitin casitas B-lineage lymphoma decreases osteosarcoma cell growth and survival and reduces tumorigenesis. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2108-2117.	3.1	18
36	Role of syndecan-2 in osteoblast biology and pathology. <i>BoneKEy Reports</i> , 2015, 4, 666.	2.7	18

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37	Prevention of adjuvant arthritis by cyclosporine in rats. <i>Seminars in Arthritis and Rheumatism</i> , 1992, 21, 23-29.	1.6	16
38	ErbB3 silencing reduces osteosarcoma cell proliferation and tumor growth in vivo. <i>Gene</i> , 2013, 521, 55-61.	1.0	15
39	Effects of iron overload on bone remodeling in pigs. <i>Bone</i> , 1985, 6, 407-408.	1.4	2
40	Deregulation of osteoblast differentiation in primary bone cancers. , 2015, , 39-54.		1
41	HIF1 \pm protects from osteoarthritis by inhibiting MMP13 expression through WNT/ β -catenin signaling. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S138.	0.6	1
42	Syndecan-2 controls the fate of osteoblast precursors through modulation of Wnt signaling. <i>Bone</i> , 2012, 50, S73.	1.4	0
43	OP0255...MMP13 is Transcriptionally Repressed by the HIF1 \pm / β -Catenin Interaction in Chondrocytes and Osteoarthritis in Mice. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 168.2-168.	0.5	0
44	HIF1 \pm / β -catenin complex is a transcriptional repressor of Mmp13. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A132.	0.6	0