Deborah L Galson

List of Publications by Year
in descending order

88 papers	4,002 citations	117625 34 h-index	114465 63 g-index
89 all docs	89 docs citations	89 times ranked	4945 citing authors

#	Article	IF	Citations
1	Nuclear Factor of Activated T-cells (NFAT) Rescues Osteoclastogenesis in Precursors Lacking c-Fos. Journal of Biological Chemistry, 2004, 279, 26475-26480.	3.4	509
2	Monocyte chemotactic protein-1 (MCP-1) acts as a paracrine and autocrine factor for prostate cancer growth and invasion. Prostate, 2006, 66, 1311-1318.	2.3	225
3	Hypoxic induction of the human erythropoietin gene: cooperation between the promoter and enhancer, each of which contains steroid receptor response elements.. Molecular and Cellular Biology, 1992, 12, 5373-5385.	2.3	217
4	The Orphan Receptor Hepatic Nuclear Factor 4 Functions as a Transcriptional Activator for Tissue-Specific and Hypoxia-Specific Erythropoietin Gene Expression and Is Antagonized by EAR3/COUP-TF1. Molecular and Cellular Biology, 1995, 15, 2135-2144.	2.3	193
5	Amylin inhibits bone resorption while the calcitonin receptor controls bone formation in vivo. Journal of Cell Biology, 2004, 164, 509-514.	5.2	183
6	The human prointerleukin 1 beta gene requires DNA sequences both proximal and distal to the transcription start site for tissue-specific induction.. Molecular and Cellular Biology, 1993, 13, 1332-1344.	2.3	164
7	Mouse beta-globin DNA-binding protein B1 is identical to a proto-oncogene, the transcription factor Spi-1/PU.1, and is restricted in expression to hematopoietic cells and the testis.. Molecular and Cellular Biology, 1993, 13, 2929-2941.	2.3	160
8	Monocyte Expression of the Human Prointerleukin 1Î² Gene (IL1B) Is Dependent on Promoter Sequences Which Bind the Hematopoietic Transcription Factor Spi-1/PU.1. Molecular and Cellular Biology, 1995, 15, 59-68.	2.3	145
9	Contributions of the Measles Virus Nucleocapsid Gene and the SQSTM1/p62P392L Mutation to Paget's Disease. Cell Metabolism, 2011, 13, 23-34.	16.2	104
10	Pathobiology of Paget's Disease of Bone. Journal of Bone Metabolism, 2014, 21, 85.	1.3	98
11	Kindlin-2 controls TGF-Î² signalling and Sox9 expression to regulate chondrogenesis. Nature Communications, 2015, 6, 7531.	12.8	93
12	IMiD immunomodulatory compounds block C/EBPÎ² translation through eIF4E down-regulation resulting in inhibition of MM. Blood, 2011, 117, 5157-5165.	1.4	89
13	Gfi1 expressed in bone marrow stromal cells is a novel osteoblast suppressor in patients with multiple myeloma bone disease. Blood, 2011, 118, 6871-6880.	1.4	86
14	Activating transcription factor 4 regulates osteoclast differentiation in mice. Journal of Clinical Investigation, 2010, 120, 2755-2766.	8.2	80
15	The role of TNF-receptor family members and other TRAF-dependent receptors in bone resorption. Arthritis Research, 2001, 3, 6.	2.0	78
16	CXCL16 Functions as a Novel Chemotactic Factor for Prostate Cancer Cells In vitro. Molecular Cancer Research, 2008, 6, 546-554.	3.4	76
17	C/EBPÎ² regulates transcription factors critical for proliferation and survival of multiple myeloma cells. Blood, 2009, 114, 3890-3898.	1.4	73
18	Detection of two tissue-specific DNA-binding proteins with affinity for sites in the mouse beta-globin intervening sequence 2.. Molecular and Cellular Biology, 1988, 8, 381-392.	2.3	71

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19	Erythropoietin gene regulation depends on heme-dependent oxygen sensing and assembly of interacting transcription factors. Kidney International, 1997, 51, 548-552.	5.2	64
20	Annexin II interactions with the annexin II receptor enhance multiple myeloma cell adhesion and growth in the bone marrow microenvironment. Blood, 2012, 119, 1888-1896.	1.4	63
21	Tissue-specific and Ubiquitous Promoters Direct the Expression of Alternatively Spliced Transcripts from the Calcitonin Receptor Gene. Journal of Biological Chemistry, 2001, 276, 22663-22674.	3.4	60
22	PTHrP-induced MCP-1 production by human bone marrow endothelial cells and osteoblasts promotes osteoclast differentiation and prostate cancer cell proliferation and invasionin vitro. International Journal of Cancer, 2007, 121, 724-733.	5.1	60
23	Resveratrol triggers the pro-apoptotic endoplasmic reticulum stress response and represses pro-survival XBP1 signaling in human multiple myeloma cells. Experimental Hematology, 2011, 39, 999-1006.	0.4	58
24	ATF4 promotes bone angiogenesis by increasing vegf expression and release in the bone environment. Journal of Bone and Mineral Research, 2013, 28, 1870-1884.	2.8	57
25	EZH2 or HDAC1 Inhibition Reverses Multiple Myelomaâ€“Induced Epigenetic Suppression of Osteoblast Differentiation. Molecular Cancer Research, 2017, 15, 405-417.	3.4	57
26	Estrogen Receptor-Related Receptor Î± Impinges on the Estrogen Axis in Bone: Potential Function in Osteoporosis. Endocrinology, 2002, 143, 3658-3670.	2.8	56
27	Epigallocatechinâ€3â€gallate diminishes CCL2 expression in human osteoblastic cells via upâ€regulation of phosphatidylinositol 3â€kinase/Akt/Rafâ€1 interaction: A potential therapeutic benefit for arthritis. Arthritis and Rheumatism, 2008, 58, 3145-3156.	6.7	51
28	Immortalization of osteoclast precursors by targeting Bcl -XL and Simian virus 40 large T antigen to the osteoclast lineage in transgenic mice.. Journal of Clinical Investigation, 1998, 102, 88-97.	8.2	51
29	Mechanisms of multiple myeloma bone disease. BoneKEy Reports, 2012, 1, 135.	2.7	43
30	Phosphorylation of IRF8 in a pre-associated complex with Spi-1/PU.1 and non-phosphorylated Stat1 is critical for LPS induction of the IL1B gene. Molecular Immunology, 2007, 44, 3364-3379.	2.2	42
31	TRAF6 activation of PI 3-kinase-dependent cytoskeletal changes is cooperative with Ras and is mediated by an interaction with cytoplasmic Src. Journal of Cell Science, 2006, 119, 1579-1591.	2.0	40
32	The Role of Semaphorin 4D in Bone Remodeling and Cancer Metastasis. Frontiers in Endocrinology, 2018, 9, 322.	3.5	39
33	Oncostatin Mâ€“induced CCL2 transcription in osteoblastic cells is mediated by multiple levels of STATâ€1 and STATâ€3 signaling: An implication for the pathogenesis of arthritis. Arthritis and Rheumatism, 2009, 60, 1451-1462.	6.7	38
34	ADAM8 enhances osteoclast precursor fusion and osteoclast formation in vitro and in vivo. Journal of Bone and Mineral Research, 2011, 26, 169-181.	2.8	37
35	Phospholipase D- and Protein Kinase C Isoenzyme-Dependent Signal Transduction Pathways Activated by the Calcitonin Receptor*. Endocrinology, 1998, 139, 3241-3248.	2.8	33
36	Distinct Mechanisms for Induction and Tolerance Regulate the Immediate Early Genes Encoding Interleukin 1Î² and Tumor Necrosis Factor Î±. PLoS ONE, 2013, 8, e70622.	2.5	33

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37	Calcitonin-Dependent Down-Regulation of the Mouse C1a Calcitonin Receptor in Cells of the Osteoclast Lineage Involves a Transcriptional Mechanism*. Endocrinology, 1999, 140, 1060-1068.	2.8	30
38	Activating transcription factor 4 is critical for proliferation and survival in primary bone marrow stromal cells and calvarial osteoblasts. Journal of Cellular Biochemistry, 2008, 105, 885-895.	2.6	30
39	General Transcription Factor IIA-Î³ Increases Osteoblast-specific Osteocalcin Gene Expression via Activating Transcription Factor 4 and Runt-related Transcription Factor 2. Journal of Biological Chemistry, 2008, 283, 5542-5553.	3.4	30
40	Tissue-specific nuclear factors mediate expression of the CD3 delta gene during T cell development.. EMBO Journal, 1990, 9, 109-115.	7.8	29
41	Increased IL-6 Expression in Osteoclasts Is Necessary But Not Sufficient for the Development of Paget's Disease of Bone. Journal of Bone and Mineral Research, 2014, 29, 1456-1465.	2.8	28
42	Osteoblast suppression in multiple myeloma bone disease. Journal of Bone Oncology, 2018, 13, 62-70.	2.4	28
43	EZH2 Supports Osteoclast Differentiation and Bone Resorption Via Epigenetic and Cytoplasmic Targets. Journal of Bone and Mineral Research, 2020, 35, 181-195.	2.8	26
44	Distinct mechanisms regulate IL1B gene transcription in lymphoid CD4 T cells and monocytes. Cytokine, 2018, 111, 373-381.	3.2	25
45	TBK1 Mediates Critical Effects of Measles Virus Nucleocapsid Protein (MVNP) on Pagetic Osteoclast Formation. Journal of Bone and Mineral Research, 2014, 29, 90-102.	2.8	24
46	TRAF6 is autoinhibited by an intramolecular interaction which is counteracted by transâ€ubiquitination. Journal of Cellular Biochemistry, 2010, 110, 763-771.	2.6	22
47	XRK3F2 Inhibition of p62-ZZ Domain Signaling Rescues Myeloma-Induced GFI1-Driven Epigenetic Repression of the Runx2 Gene in Pre-osteoblasts to Overcome Differentiation Suppression. Frontiers in Endocrinology, 2018, 9, 344.	3.5	20
48	Expression of the Transcription Factor, Spi-1 (PU.1), in Differentiating Murine Erythroleukemia Cells Is Regulated Post-transcriptionally. Journal of Biological Chemistry, 1996, 271, 3385-3391.	3.4	19
49	EpigeneticâEBased Mechanisms of Osteoblast Suppression in Multiple Myeloma Bone Disease. JBMR Plus, 2019, 3, e10183.	2.7	19
50	Measles virus nucleocapsid protein, a key contributor to Paget's disease, increases IL-6 expression via down-regulation of FoxO3/Sirt1 signaling. Bone, 2013, 53, 269-276.	2.9	18
51	Role of ATF7-TAF12 interactions in the vitamin D response hypersensitivity of osteoclast precursors in Paget's disease. Journal of Bone and Mineral Research, 2013, 28, 1489-1500.	2.8	15
52	Phospholipase D- and Protein Kinase C Isoenzyme-Dependent Signal Transduction Pathways Activated by the Calcitonin Receptor. Endocrinology, 1998, 139, 3241-3248.	2.8	14
53	Eosinophil chemotactic factor-L (ECF-L) enhances osteoclast formation by increasing in osteoclast precursors expression of LFA-1 and ICAM-1. Bone, 2007, 40, 316-322.	2.9	13
54	Growth factor independence 1 expression in myeloma cells enhances their growth, survival, and osteoclastogenesis. Journal of Hematology and Oncology, 2018, 11, 123.	17.0	10

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55	A Novel Sulforaphane-Regulated Gene Network in Suppression of Breast Cancerâ€“Induced Osteolytic Bone Resorption. Molecular Cancer Therapeutics, 2020, 19, 420-431.	4.1	10
56	Multiple Myeloma Cell Induction of GFI-1 in Stromal Cells Suppresses Osteoblast Differentiation in Patients with Myeloma.. Blood, 2009, 114, 742-742.	1.4	7
57	Annexin II Interactions with the Annexin II Receptor Enhance Multiple Myeloma Cell Adhesion and Growth in the Bone Marrow Microenvironment,. Blood, 2011, 118, 3942-3942.	1.4	7
58	Cis Elements That Regulate the Erythropoietin Gene^a. Annals of the New York Academy of Sciences, 1994, 718, 21-30.	3.8	6
59	Dual regulatory role of human cytomegalovirus immediate-early protein in IL1B transcription is dependent upon Spi-1/PU.1. Biochemical and Biophysical Research Communications, 2002, 294, 854-863.	2.1	5
60	Origins of Osteoclasts. , 2011, , 7-41.		5
61	A combined computational and experimental approach reveals the structure of a C/EBPÎ²â€“Spi1 interaction required for IL1B gene transcription. Journal of Biological Chemistry, 2018, 293, 19942-19956.	3.4	5
62	A Novel Mouse Model for SNP in Steroid Receptor Co-Activator-1 Reveals Role in Bone Density and Breast Cancer Metastasis. Endocrinology, 2021, 162, .	2.8	5
63	GFI1-Dependent Repression of SGPP1 Increases Multiple Myeloma Cell Survival. Cancers, 2022, 14, 772.	3.7	5
64	p62-ZZ Domain Signaling Inhibition Rescues MM-Induced Epigenetic Repression at the Runx2 promoter and Allows Osteoblast Differentiation of MM Patient Pre-Osteoblasts In Vitro. Blood, 2016, 128, 4410-4410.	1.4	4
65	Role of Sphingolipids in Multiple Myeloma Progression, Drug Resistance, and Their Potential as Therapeutic Targets. Frontiers in Oncology, 0, 12, .	2.8	4
66	Annexin II Interactions with the Annexin II Receptor Enhance Multiple Myeloma Cell Adhesion and Growth In the Bone Marrow Microenvironment. Blood, 2010, 116, 130-130.	1.4	3
67	EZH2 Inhibitor GSK126 Exhibits Osteo-Anabolic Properties in MM Bone Disease and Synergizes with Bortezomib to Inhibit MM Cell Viability. Blood, 2016, 128, 3247-3247.	1.4	3
68	Increase of Gfi1 Acetylation by HDAC Inhibitors Blocks Gfi1-Mediated Runx2 Repression in Osteoblast Precursors in Multiple Myeloma Bone Disease. Blood, 2013, 122, 753-753.	1.4	2
69	Osteoclasts: Potential Target for Blocking Microenvironmental Support of Myeloma. , 2013, , 169-185.		1
70	Membrane Recruitment of Tec Kinase by RANKL Activates NFATc1 in Osteoclasts. FASEB Journal, 2007, 21, A249.	0.5	1
71	Epigenetic Targeting of the Myeloma-Bone Microenvironment in 3D. Blood, 2018, 132, 246-246.	1.4	1
72	The Transcription Repressor Gfi1 Directly Interacts With and Is Phosphorylated By Aurora A Kinase, Which Abrogates Myeloma-Induced Gfi1 Repression Of The Runx2 Promoter In Pre-Osteoblasts. Blood, 2013, 122, 1844-1844.	1.4	1

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73	TBK1/IkkÎµ Inhibitor Amlx Blocks Multiple Myeloma Cell Growth in Vitro and In Vivo. Blood, 2018, 132, 4504-4504.	1.4	1
74	Lactational changes in bone metabolism in calcitonin receptor-deleted mice. Bone, 2012, 50, S105.	2.9	0
75	Structure and Molecular Biology of the Calcitonin Receptor. , 2002, , 603-617.		0
76	C/EBPÎ² Is a Critical Factor for Proliferation and Apoptosis in MM Cells by Controlling Transcription Factors Like IRF-4, PAX5 and Blimp1.. Blood, 2007, 110, 1506-1506.	1.4	0
77	Lenalidomide Shuts Down the Translational Machinery in Multiple Myeloma Cells Resulting in Down-Regulation of Critical Transcription Factors Such as C/EBPÎ² and IRF4.. Blood, 2009, 114, 1844-1844.	1.4	0
78	Molecular Mechanisms of TRAF6 Ubiquitination and Activation. FASEB Journal, 2010, 24, 843.3.	0.5	0
79	The Pâ€TEFbâ€dependent Gene Coding for ILâ€1Î² is More Sensitive to Cellular Metabolism than that of the BRD4â€dependent TNFÎ±â€coding Gene. FASEB Journal, 2013, 27, 769.8.	0.5	0
80	The Transcription Repressor Gfi1 Directly Interacts With and Is Phosphorylated By Aurora A Kinase, Which Abrogates Myeloma-Induced Gfi1 Repression Of The Runx2 Promoter In Pre-Osteoblasts. Blood, 2013, 122, 1184-1184.	1.4	0
81	p62-ZZ Domain Inhibition Prevents MM Cell-Induced Epigenetic Changes at the Runx2 and C/EBPb Promoters. Blood, 2015, 126, 1796-1796.	1.4	0
82	LIM-Domain Protein Ajuba Is a Required Co-Factor for Gfi1-Induced Epigenetic Switch Regulating Runx2 Repression in Multiple Myeloma-Exposed Pre-Osteoblasts. Blood, 2015, 126, 4216-4216.	1.4	0
83	Developmental Aspects of Pagetic Osteoclasts. , 2016, , 37-53.		0
84	p62-ZZ domain signaling inhibition prevents MM cell-induced epigenetic repression at the Runx2 promoter and rescues osteoblast differentiation. Bone Abstracts, 0, , .	0.0	0
85	The Gfi1-SphK1 Axis Regulates the Growth and Survival of Myeloma Cells. Blood, 2018, 132, 5615-5615.	1.4	0
86	Abstract 5070: Sulforaphane is a novel inhibitor of breast cancer-induced osteolytic bone resorption. , 2019, , .		0
87	Osteoclasts in Skeletal Diseases. , 2020, , 353-370.		0
88	Abstract 5070: Sulforaphane is a novel inhibitor of breast cancer-induced osteolytic bone resorption. , 2019, , .		0