Peter Angel

List of Publications by Year
in descending order

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107 papers	13,300 citations	36203 51 h-index	26548 107 g-index
111 all docs	111 docs citations	111 times ranked	15649 citing authors

#	Article	IF	Citations
1	Phorbol ester-inducible genes contain a common cis element recognized by a TPA-modulated trans-acting factor. Cell, 1987, 49, 729-739.	13.5	3,173
2	AP-1 subunits: quarrel and harmony among siblings. Journal of Cell Science, 2004, 117, 5965-5973.	1.2	1,121
3	S100A8 and S100A9 in inflammation and cancer. Biochemical Pharmacology, 2006, 72, 1622-1631.	2.0	581
4	Psoriasis-like skin disease and arthritis caused by inducible epidermal deletion of Jun proteins. Nature, 2005, 437, 369-375.	13.7	538
5	Altered endochondral bone development in matrix metalloproteinase 13-deficient mice. Development (Cambridge), 2004, 131, 5883-5895.	1.2	521
6	Function and regulation of AP-1 subunits in skin physiology and pathology. Oncogene, 2001, 20, 2413-2423.	2.6	382
7	c-Jun and JunB Antagonistically Control Cytokine-Regulated Mesenchymalâ€“Epidermal Interaction in Skin. Cell, 2000, 103, 745-755.	13.5	381
8	RAGE signaling sustains inflammation and promotes tumor development. Journal of Experimental Medicine, 2008, 205, 275-285.	4.2	352
9	The collagen receptor DDR2 regulates proliferation and its elimination leads to dwarfism. EMBO Reports, 2001, 2, 446-452.	2.0	238
10	JunB is essential for mammalian placentation. EMBO Journal, 1999, 18, 934-948.	3.5	232
11	Calcium-Binding Proteins S100A8 and S100A9 as Novel Diagnostic Markers in Human Prostate Cancer. Clinical Cancer Research, 2005, 11, 5146-5152.	3.2	225
12	The receptor RAGE: Bridging inflammation and cancer. Cell Communication and Signaling, 2009, 7, 12.	2.7	189
13	Mice lacking JunB are osteopenic due to cell-autonomous osteoblast and osteoclast defects. Journal of Cell Biology, 2004, 164, 613-623.	2.3	188
14	The DNA Binding-Independent Function of the Glucocorticoid Receptor Mediates Repression of Ap-1â€“Dependent Genes in Skin. Journal of Cell Biology, 1999, 147, 1365-1370.	2.3	179
15	AP-1 and Cbfa/Runt Physically Interact and Regulate Parathyroid Hormone-dependent MMP13 Expression in Osteoblasts through a New Osteoblast-specific Element 2/AP-1 Composite Element. Journal of Biological Chemistry, 2001, 276, 20029-20038.	1.6	175
16	Human and Mouse VEGFA-Amplified Hepatocellular Carcinomas Are Highly Sensitive to Sorafenib Treatment. Cancer Discovery, 2014, 4, 730-743.	7.7	165
17	Hyaluronan-oligosaccharide-induced transcription of metalloproteases. Journal of Cell Science, 2004, 117, 359-367.	1.2	149
18	Kallikrein 6 Induces E-Cadherin Shedding and Promotes Cell Proliferation, Migration, and Invasion. Cancer Research, 2007, 67, 8198-8206.	0.4	130

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19	S100A8 and S100A9 are novel nuclear factor kappa B target genes during malignant progression of murine and human liver carcinogenesis. Hepatology, 2009, 50, 1251-1262.	3.6	129
20	A Novel AP-1 Element in the CD95 Ligand Promoter Is Required for Induction of Apoptosis in Hepatocellular Carcinoma Cells upon Treatment with Anticancer Drugs. Molecular and Cellular Biology, 2000, 20, 7826-7837.	1.1	125
21	Th2 cell-specific cytokine expression and allergen-induced airway inflammation depend on JunB. EMBO Journal, 2002, 21, 6321-6329.	3.5	123
22	Critical role for NF-Î¹B-induced JunB in VEGF regulation and tumor angiogenesis. EMBO Journal, 2007, 26, 710-719.	3.5	116
23	Increase of AKT/PKB expression correlates with gleason pattern in human prostate cancer. International Journal of Cancer, 2003, 107, 676-680.	2.3	115
24	Organotypic Cocultures with Genetically Modified Mouse Fibroblasts as a Tool to Dissect Molecular Mechanisms Regulating Keratinocyte Growth and Differentiation. Journal of Investigative Dermatology, 2001, 116, 816-820.	0.3	113
25	MMP13 as a stromal mediator in controlling persistent angiogenesis in skin carcinoma. Carcinogenesis, 2010, 31, 1175-1184.	1.3	113
26	Calgranulins S100A8 and S100A9 are negatively regulated by glucocorticoids in a c-Fos-dependent manner and overexpressed throughout skin carcinogenesis. Oncogene, 2002, 21, 4266-4276.	2.6	109
27	The transcription factor Fos: a Janus-type regulator in health and disease. Histology and Histopathology, 2009, 24, 1451-61.	0.5	108
28	Up-regulation of insulin-like growth factor axis components in human primary prostate cancer correlates with tumor grade. Human Pathology, 2005, 36, 1186-1196.	1.1	106
29	Increased keratinocyte proliferation by JUN-dependent expression of PTN and SDF-1 in fibroblasts. Journal of Cell Science, 2005, 118, 1981-1989.	1.2	104
30	Accelerated aging phenotype in mice with conditional deficiency for mitochondrial superoxide dismutase in the connective tissue. Aging Cell, 2011, 10, 239-254.	3.0	96
31	Conditional Deletion of Insulin-Like Growth Factor-I in Collagen Type 1Î±2-Expressing Cells Results in Postnatal Lethality and a Dramatic Reduction in Bone Accretion. Endocrinology, 2007, 148, 5706-5715.	1.4	95
32	Induction of the AP-1 members c-Jun and JunB by TGF-Î²/Smad suppresses early Smad-driven gene activation. Oncogene, 2001, 20, 2205-2211.	2.6	94
33	Stromal Expression of MMP-13 Is Required for Melanoma Invasion and Metastasis. Journal of Investigative Dermatology, 2009, 129, 2686-2693.	0.3	94
34	Overexpression of far upstream element binding proteins: A mechanism regulating proliferation and migration in liver cancer cells. Hepatology, 2009, 50, 1130-1139.	3.6	92
35	Control of hair follicle cell fate by underlying mesenchyme through a CSLâ€“Wnt5aâ€“FoxN1 regulatory axis. Genes and Development, 2010, 24, 1519-1532.	2.7	87
36	Two-Hybrid Fluorescence Cross-Correlation Spectroscopy Detects Protein-Protein Interactions In Vivo. ChemPhysChem, 2005, 6, 984-990.	1.0	86

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37	Receptor for advanced glycation endproducts (RAGE) is a key regulator of oval cell activation and inflammation-associated liver carcinogenesis in mice. Hepatology, 2013, 58, 363-373.	3.6	83
38	Epidermal Development and Wound Healing in Matrix Metalloproteinase 13-Deficient Mice. Journal of Investigative Dermatology, 2006, 126, 486-496.	0.3	81
39	p53 and c-Jun Functionally Synergize in the Regulation of the DNA Repair Gene hMSH2 in Response to UV. Journal of Biological Chemistry, 2000, 275, 37469-37473.	1.6	79
40	p44 Mitogen-Activated Protein Kinase (Extracellular Signal-Regulated Kinase 1)â€“Dependent Signaling Contributes to Epithelial Skin Carcinogenesis. Cancer Research, 2006, 66, 2700-2707.	0.4	76
41	Modeling glioblastoma invasion using human brain organoids and single-cell transcriptomics. Neuro-Oncology, 2020, 22, 1138-1149.	0.6	75
42	Cell Cycle Promoting Activity of JunB through Cyclin A Activation. Journal of Biological Chemistry, 2002, 277, 35961-35968.	1.6	73
43	Function of AP-1 target genes in mesenchymalâ€“epithelial cross-talk in skin. Biochemical Pharmacology, 2002, 64, 949-956.	2.0	72
44	Podoplanin Is a Novel Fos Target Gene in Skin Carcinogenesis. Cancer Research, 2008, 68, 6877-6883.	0.4	66
45	Homeostatic nuclear RAGEâ€“ATM interaction is essential for efficient DNA repair. Nucleic Acids Research, 2017, 45, 10595-10613.	6.5	66
46	GPD1 Specifically Marks Dormant Glioma Stem Cells with a Distinct Metabolic Profile. Cell Stem Cell, 2019, 25, 241-257.e8.	5.2	66
47	Delayed Wound Healing and Epidermal Hyperproliferation in Mice Lacking JunB in the Skin. Journal of Investigative Dermatology, 2006, 126, 902-911.	0.3	63
48	High Invasive Melanoma Cells Induce Matrix Metalloproteinase-1 Synthesis in Fibroblasts by Interleukin-1Î± and Basic Fibroblast Growth Factor-Mediated Mechanisms. Journal of Investigative Dermatology, 2005, 124, 638-643.	0.3	61
49	Preeclampsia: increased expression of soluble ADAM 12. Journal of Molecular Medicine, 2005, 83, 887-896.	1.7	61
50	An advanced glioma cell invasion assay based on organotypic brain slice cultures. BMC Cancer, 2018, 18, 103.	1.1	59
51	Profile of gene expression induced by the tumour promotor TPA in murine epithelial cells. International Journal of Cancer, 2003, 104, 699-708.	2.3	56
52	Identification of novel AP-1 target genes in fibroblasts regulated during cutaneous wound healing. Oncogene, 2004, 23, 7005-7017.	2.6	56
53	Expression of podoplanin in human astrocytic brain tumors is controlled by the PI3K-AKT-AP-1 signaling pathway and promoter methylation. Neuro-Oncology, 2012, 14, 426-439.	0.6	55
54	Inflammation-mediated skin tumorigenesis induced by epidermal c-Fos. Genes and Development, 2013, 27, 1959-1973.	2.7	53

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55	Gene network dynamics controlling keratinocyte migration. Molecular Systems Biology, 2008, 4, 199.	3.2	52
56	TGF-Î²1 and TGF-Î²2 abundance in liver diseases of mice and men. Oncotarget, 2016, 7, 19499-19518.	0.8	52
57	Cre recombinase-mediated gene targeting of mesenchymal cells. Genesis, 2004, 38, 139-144.	0.8	51
58	Cutting Edge: The AP-1 Subunit JunB Determines NK Cell-Mediated Target Cell Killing by Regulation of the NKG2D-Ligand RAE-1Îµ. Journal of Immunology, 2006, 176, 7-11.	0.4	48
59	JunB is required for endothelial cell morphogenesis by regulating core-binding factor Î². Journal of Cell Biology, 2006, 175, 981-991.	2.3	48
60	Glioblastoma epigenome profiling identifies SOX10 as a master regulator of molecular tumour subtype. Nature Communications, 2020, 11, 6434.	5.8	48
61	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. Brain, 2012, 135, 1027-1041.	3.7	47
62	c-Fos-Dependent Induction of the Small Ras-Related GTPase Rab11a in Skin Carcinogenesis. American Journal of Pathology, 2005, 167, 243-253.	1.9	44
63	An unexpected role for FosB in activation-induced cell death of T cells. Oncogene, 2003, 22, 1333-1339.	2.6	43
64	Expression and Function of the Kallikrein-Related Peptidase 6 in the Human Melanoma Microenvironment. Journal of Investigative Dermatology, 2011, 131, 2281-2288.	0.3	43
65	Junb regulates arterial contraction capacity, cellular contractility, and motility via its target Myl9 in mice. Journal of Clinical Investigation, 2010, 120, 2307-2318.	3.9	41
66	Loss of Matrix Metalloproteinase-13 Attenuates Murine Radiation-Induced Pulmonary Fibrosis. International Journal of Radiation Oncology Biology Physics, 2010, 77, 582-590.	0.4	40
67	Defective endochondral ossification in mice with strongly compromised expression of JunB. Journal of Cell Science, 2003, 116, 4587-4596.	1.2	39
68	High S100A8 and S100A12 protein expression is a favorable prognostic factor for survival of oropharyngeal squamous cell carcinoma. International Journal of Cancer, 2015, 136, 2037-2046.	2.3	38
69	Collagenase-3 (MMP-13) deficiency protects C57BL/6 mice from antibody-induced arthritis. Arthritis Research and Therapy, 2013, 15, R222.	1.6	35
70	Efficient Keratinocyte Differentiation Strictly Depends on JNK-Induced Soluble Factors in Fibroblasts. Journal of Investigative Dermatology, 2014, 134, 1332-1341.	0.3	33
71	Targeted inducible delivery of immunoactivating cytokines reprograms glioblastoma microenvironment and inhibits growth in mouse models. Science Translational Medicine, 2022, 14, .	5.8	32
72	Identification of the Rage-dependent gene regulatory network in a mouse model of skin inflammation. BMC Genomics, 2010, 11, 537.	1.2	29

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73	A pro-tumorigenic function of S100A8/A9 in carcinogen-induced hepatocellular carcinoma. Cancer Letters, 2015, 369, 396-404.	3.2	29
74	Parathyroid Hormone Inhibits c-Jun N-Terminal Kinase Activity in Rat Osteoblastic Cells by a Protein Kinase A-Dependent Pathway. Endocrinology, 2002, 143, 1880-1888.	1.4	26
75	Keratinocyte-Specific Deletion of the Receptor RAGE Modulates the Kinetics of Skin Inflammation In Vivo. Journal of Investigative Dermatology, 2013, 133, 2400-2406.	0.3	26
76	Intratumoral platelet aggregate formation in a murine preclinical glioma model depends on podoplanin expression on tumor cells. Blood Advances, 2019, 3, 1092-1102.	2.5	25
77	Neutralization of the CD95 ligand by APG101 inhibits invasion of glioma cells in vitro. Anti-Cancer Drugs, 2015, 26, 716-727.	0.7	24
78	Keratinocyte-Specific Onset of Serine Protease BSSP Expression in Experimental Carcinogenesis. Journal of Investigative Dermatology, 2001, 117, 634-640.	0.3	23
79	c-Jun and JunB Are Essential for Hypoglycemia-MediatedVEGFInduction. Annals of the New York Academy of Sciences, 2006, 1091, 310-318.	1.8	23
80	Junb controls lymphatic vascular development in zebrafish via miR-182. Scientific Reports, 2015, 5, 15007.	1.6	23
81	TAF7 (TAFII55) Plays a Role in the Transcription Activation by c-Jun. Journal of Biological Chemistry, 2003, 278, 21510-21516.	1.6	22
82	A Novel Aspartic Proteinase-Like Gene Expressed in Stratified Epithelia and Squamous Cell Carcinoma of the Skin. American Journal of Pathology, 2006, 168, 1354-1364.	1.9	18
83	JunB Is Required for IgE-Mediated Degranulation and Cytokine Release of Mast Cells. Journal of Immunology, 2007, 179, 6873-6880.	0.4	18
84	Podoplanin expression is a prognostic biomarker but may be dispensable for the malignancy of glioblastoma. Neuro-Oncology, 2019, 21, 326-336.	0.6	18
85	AP-1-Controlled Hepatocyte Growth Factor Activation Promotes Keratinocyte Migration via CEACAM1 and Urokinase Plasminogen Activator/Urokinase Plasminogen Receptor. Journal of Investigative Dermatology, 2009, 129, 1140-1148.	0.3	17
86	Opposing function of MYBBP1A in proliferation and migration of head and neck squamous cell carcinoma cells. BMC Cancer, 2012, 12, 72.	1.1	17
87	Hepatocyte-specific S100a8 and S100a9 transgene expression in mice causes Cxcl1 induction and systemic neutrophil enrichment. Cell Communication and Signaling, 2012, 10, 40.	2.7	17
88	Stathmin Regulates Keratinocyte Proliferation and Migration during Cutaneous Regeneration. PLoS ONE, 2013, 8, e75075.	1.1	16
89	Impaired Skin Regeneration and Remodeling after Cutaneous Injury and Chemically Induced Hyperplasia in Taps-Transgenic Mice. Journal of Investigative Dermatology, 2010, 130, 1922-1930.	0.3	15
90	Enhanced StefinA and Sprr2 expression during papilloma formation in HPV8 transgenic mice. Journal of Dermatological Science, 2011, 62, 84-90.	1.0	14

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91	A Set of Cell Lines Derived from a Genetic Murine Glioblastoma Model Recapitulates Molecular and Morphological Characteristics of Human Tumors. Cancers, 2021, 13, 230.	1.7	13
92	Expression of collagenase-3 (MMP-13) in c-Fos-induced osteosarcomas and chondrosarcomas is restricted to a subset of cells of the osteo-/chondrogenic lineage. Differentiation, 2001, 69, 49-57.	1.0	12
93	CEBPÎ², JunD and c-Jun contribute to the transcriptional activation of the metastasis-associated C4.4A gene. International Journal of Cancer, 2007, 120, 2135-2147.	2.3	12
94	Regulatory T cells sense effector Tâ€cell activation through synchronized JunB expression. FEBS Letters, 2019, 593, 1020-1029.	1.3	12
95	Podoplanin Positive Myeloid Cells Promote Glioma Development by Immune Suppression. Frontiers in Oncology, 2019, 9, 187.	1.3	12
96	Early Activation and Induction of Apoptosis in T Cells Is Independent of c-Fos. Annals of the New York Academy of Sciences, 2003, 1010, 225-231.	1.8	9
97	Epithelial deletion of podoplanin is dispensable for reâ€epithelialization of skin wounds. Experimental Dermatology, 2015, 24, 785-787.	1.4	9
98	Chronic liver inflammation and hepatocellular carcinogenesis are independent of <scp>S</scp>100<scp>A</scp>9. International Journal of Cancer, 2015, 136, 2458-2463.	2.3	9
99	The receptor for advanced glycation end products is dispensable in a mouse model of oral and esophageal carcinogenesis. Histology and Histopathology, 2013, 28, 1585-94.	0.5	8
100	Procollagen I-expressing renin cell precursors. American Journal of Physiology - Renal Physiology, 2013, 305, F355-F361.	1.3	7
101	Loss of stromal JUNB does not affect tumor growth and angiogenesis. International Journal of Cancer, 2014, 134, 1511-1516.	2.3	7
102	Effects of selective MMP-13 inhibition in squamous cell carcinoma depend on estrogen. International Journal of Cancer, 2014, 135, 2749-2759.	2.3	6
103	Podoplanin is required for tumor cell invasion in cutaneous squamous cell carcinoma. Experimental Dermatology, 2021, 30, 1619-1630.	1.4	6
104	JUNB suppresses distant metastasis by influencing the initial metastatic stage. Clinical and Experimental Metastasis, 2021, 38, 411-423.	1.7	5
105	Dual Role of S100A8 and S100A9 in Inflammation-Associated Cancer. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2009, 8, 329-336.	1.1	5
106	The Transcription Factor AP-1 in Squamous Cell Carcinogenesis: Lessons from Mouse Models of Skin Carcinogenesis. , 2011, , 185-199.		1
107	Expression of Human Collagenase I (MMP-1) and TIMP-1 in a Baculovirus-Based Expression System. , 2001, 151, 207-218.		0