

Peter Angel

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108
papers

11,446
citations

47
h-index

106
g-index

111
ext. papers

12,405
ext. citations

7.8
avg, IF

5.59
L-index

#	Paper	IF	Citations
108	Phorbol ester-inducible genes contain a common cis element recognized by a TPA-modulated trans-acting factor. <i>Cell</i> , 1987 , 49, 729-39	56.2	2948
107	AP-1 subunits: quarrel and harmony among siblings. <i>Journal of Cell Science</i> , 2004 , 117, 5965-73	5.3	923
106	S100A8 and S100A9 in inflammation and cancer. <i>Biochemical Pharmacology</i> , 2006 , 72, 1622-31	6	505
105	Psoriasis-like skin disease and arthritis caused by inducible epidermal deletion of Jun proteins. <i>Nature</i> , 2005 , 437, 369-75	50.4	463
104	Altered endochondral bone development in matrix metalloproteinase 13-deficient mice. <i>Development (Cambridge)</i> , 2004 , 131, 5883-95	6.6	450
103	c-Jun and JunB antagonistically control cytokine-regulated mesenchymal-epidermal interaction in skin. <i>Cell</i> , 2000 , 103, 745-55	56.2	347
102	Function and regulation of AP-1 subunits in skin physiology and pathology. <i>Oncogene</i> , 2001 , 20, 2413-23	9.2	343
101	RAGE signaling sustains inflammation and promotes tumor development. <i>Journal of Experimental Medicine</i> , 2008 , 205, 275-85	16.6	306
100	The collagen receptor DDR2 regulates proliferation and its elimination leads to dwarfism. <i>EMBO Reports</i> , 2001 , 2, 446-52	6.5	209
99	JunB is essential for mammalian placentation. <i>EMBO Journal</i> , 1999 , 18, 934-48	13	206
98	Calcium-binding proteins S100A8 and S100A9 as novel diagnostic markers in human prostate cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 5146-52	12.9	202
97	The DNA binding-independent function of the glucocorticoid receptor mediates repression of AP-1-dependent genes in skin. <i>Journal of Cell Biology</i> , 1999 , 147, 1365-70	7.3	170
96	Mice lacking JunB are osteopenic due to cell-autonomous osteoblast and osteoclast defects. <i>Journal of Cell Biology</i> , 2004 , 164, 613-23	7.3	166
95	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. <i>Journal of Biological Chemistry</i> , 2001 , 276, 20029-38	5.4	151
94	The receptor RAGE: Bridging inflammation and cancer. <i>Cell Communication and Signaling</i> , 2009 , 7, 12	7.5	143
93	Human and mouse VEGFA-amplified hepatocellular carcinomas are highly sensitive to sorafenib treatment. <i>Cancer Discovery</i> , 2014 , 4, 730-43	24.4	137
92	Hyaluronan-oligosaccharide-induced transcription of metalloproteases. <i>Journal of Cell Science</i> , 2004 , 117, 359-67	5.3	132

91	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. <i>Molecular and Cellular Biology</i> , 2000 , 20, 7826-37	4.8	114
90	Th2 cell-specific cytokine expression and allergen-induced airway inflammation depend on JunB. <i>EMBO Journal</i> , 2002 , 21, 6321-9	13	109
89	S100A8 and S100A9 are novel nuclear factor kappa B target genes during malignant progression of murine and human liver carcinogenesis. <i>Hepatology</i> , 2009 , 50, 1251-62	11.2	108
88	Kallikrein 6 induces E-cadherin shedding and promotes cell proliferation, migration, and invasion. <i>Cancer Research</i> , 2007 , 67, 8198-206	10.1	108
87	Calgranulins S100A8 and S100A9 are negatively regulated by glucocorticoids in a c-Fos-dependent manner and overexpressed throughout skin carcinogenesis. <i>Oncogene</i> , 2002 , 21, 4266-76	9.2	106
86	Increase of AKT/PKB expression correlates with gleason pattern in human prostate cancer. <i>International Journal of Cancer</i> , 2003 , 107, 676-80	7.5	103
85	Critical role for NF-kappaB-induced JunB in VEGF regulation and tumor angiogenesis. <i>EMBO Journal</i> , 2007 , 26, 710-9	13	102
84	MMP13 as a stromal mediator in controlling persistent angiogenesis in skin carcinoma. <i>Carcinogenesis</i> , 2010 , 31, 1175-84	4.6	101
83	Organotypic cocultures with genetically modified mouse fibroblasts as a tool to dissect molecular mechanisms regulating keratinocyte growth and differentiation. <i>Journal of Investigative Dermatology</i> , 2001 , 116, 816-20	4.3	97
82	Up-regulation of insulin-like growth factor axis components in human primary prostate cancer correlates with tumor grade. <i>Human Pathology</i> , 2005 , 36, 1186-96	3.7	87
81	Stromal expression of MMP-13 is required for melanoma invasion and metastasis. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 2686-93	4.3	86
80	Induction of the AP-1 members c-Jun and JunB by TGF-beta/Smad suppresses early Smad-driven gene activation. <i>Oncogene</i> , 2001 , 20, 2205-11	9.2	85
79	The transcription factor Fos: a Janus-type regulator in health and disease. <i>Histology and Histopathology</i> , 2009 , 24, 1451-61	1.4	85
78	Increased keratinocyte proliferation by JUN-dependent expression of PTN and SDF-1 in fibroblasts. <i>Journal of Cell Science</i> , 2005 , 118, 1981-9	5.3	84
77	Conditional deletion of insulin-like growth factor-I in collagen type 1alpha2-expressing cells results in postnatal lethality and a dramatic reduction in bone accretion. <i>Endocrinology</i> , 2007 , 148, 5706-15	4.8	81
76	Overexpression of far upstream element binding proteins: a mechanism regulating proliferation and migration in liver cancer cells. <i>Hepatology</i> , 2009 , 50, 1130-9	11.2	79
75	Two-hybrid fluorescence cross-correlation spectroscopy detects protein-protein interactions in vivo. <i>ChemPhysChem</i> , 2005 , 6, 984-90	3.2	79
74	Control of hair follicle cell fate by underlying mesenchyme through a CSL-Wnt5a-FoxN1 regulatory axis. <i>Genes and Development</i> , 2010 , 24, 1519-32	12.6	75

73	Accelerated aging phenotype in mice with conditional deficiency for mitochondrial superoxide dismutase in the connective tissue. <i>Aging Cell</i> , 2011 , 10, 239-54	9.9	73
72	Epidermal development and wound healing in matrix metalloproteinase 13-deficient mice. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 486-96	4.3	72
71	p53 and c-Jun functionally synergize in the regulation of the DNA repair gene hMSH2 in response to UV. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37469-73	5.4	70
70	p44 mitogen-activated protein kinase (extracellular signal-regulated kinase 1)-dependent signaling contributes to epithelial skin carcinogenesis. <i>Cancer Research</i> , 2006 , 66, 2700-7	10.1	69
69	Cell cycle promoting activity of JunB through cyclin A activation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35961-8	5.4	69
68	Receptor for advanced glycation endproducts (RAGE) is a key regulator of oval cell activation and inflammation-associated liver carcinogenesis in mice. <i>Hepatology</i> , 2013 , 58, 363-73	11.2	66
67	Function of AP-1 target genes in mesenchymal-epithelial cross-talk in skin. <i>Biochemical Pharmacology</i> , 2002 , 64, 949-56	6	65
66	Podoplanin is a novel fos target gene in skin carcinogenesis. <i>Cancer Research</i> , 2008 , 68, 6877-83	10.1	60
65	High invasive melanoma cells induce matrix metalloproteinase-1 synthesis in fibroblasts by interleukin-1alpha and basic fibroblast growth factor-mediated mechanisms. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 638-43	4.3	56
64	Delayed wound healing and epidermal hyperproliferation in mice lacking JunB in the skin. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 902-11	4.3	53
63	Profile of gene expression induced by the tumour promotor TPA in murine epithelial cells. <i>International Journal of Cancer</i> , 2003 , 104, 699-708	7.5	51
62	Identification of novel AP-1 target genes in fibroblasts regulated during cutaneous wound healing. <i>Oncogene</i> , 2004 , 23, 7005-17	9.2	50
61	Expression of podoplanin in human astrocytic brain tumors is controlled by the PI3K-AKT-AP-1 signaling pathway and promoter methylation. <i>Neuro-Oncology</i> , 2012 , 14, 426-39	1	44
60	Gene network dynamics controlling keratinocyte migration. <i>Molecular Systems Biology</i> , 2008 , 4, 199	12.2	44
59	Inflammation-mediated skin tumorigenesis induced by epidermal c-Fos. <i>Genes and Development</i> , 2013 , 27, 1959-73	12.6	43
58	Preeclampsia: increased expression of soluble ADAM 12. <i>Journal of Molecular Medicine</i> , 2005 , 83, 887-96	5.5	41
57	Cre recombinase-mediated gene targeting of mesenchymal cells. <i>Genesis</i> , 2004 , 38, 139-44	1.9	40
56	TGF- β 1 and TGF- β 2 abundance in liver diseases of mice and men. <i>Oncotarget</i> , 2016 , 7, 19499-518	3.3	40

55	Cutting edge: the AP-1 subunit JunB determines NK cell-mediated target cell killing by regulation of the NKG2D-ligand RAE-1epsilon. <i>Journal of Immunology</i> , 2006 , 176, 7-11	5.3	39
54	c-Fos-dependent induction of the small ras-related GTPase Rab11a in skin carcinogenesis. <i>American Journal of Pathology</i> , 2005 , 167, 243-53	5.8	39
53	Homeostatic nuclear RAGE-ATM interaction is essential for efficient DNA repair. <i>Nucleic Acids Research</i> , 2017 , 45, 10595-10613	20.1	37
52	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas. <i>Brain</i> , 2012 , 135, 1027-41	11.2	37
51	Modeling glioblastoma invasion using human brain organoids and single-cell transcriptomics. <i>Neuro-Oncology</i> , 2020 , 22, 1138-1149	1	37
50	Expression and function of the kallikrein-related peptidase 6 in the human melanoma microenvironment. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2281-8	4.3	36
49	Loss of matrix metalloproteinase-13 attenuates murine radiation-induced pulmonary fibrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 582-90	4	36
48	An advanced glioma cell invasion assay based on organotypic brain slice cultures. <i>BMC Cancer</i> , 2018 , 18, 103	4.8	34
47	Defective endochondral ossification in mice with strongly compromised expression of JunB. <i>Journal of Cell Science</i> , 2003 , 116, 4587-96	5.3	34
46	GPD1 Specifically Marks Dormant Glioma Stem Cells with a Distinct Metabolic Profile. <i>Cell Stem Cell</i> , 2019 , 25, 241-257.e8	18	33
45	JunB is required for endothelial cell morphogenesis by regulating core-binding factor beta. <i>Journal of Cell Biology</i> , 2006 , 175, 981-91	7.3	32
44	High S100A8 and S100A12 protein expression is a favorable prognostic factor for survival of oropharyngeal squamous cell carcinoma. <i>International Journal of Cancer</i> , 2015 , 136, 2037-46	7.5	28
43	Efficient keratinocyte differentiation strictly depends on JNK-induced soluble factors in fibroblasts. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 1332-1341	4.3	28
42	An unexpected role for FosB in activation-induced cell death of T cells. <i>Oncogene</i> , 2003 , 22, 1333-9	9.2	28
41	Collagenase-3 (MMP-13) deficiency protects C57BL/6 mice from antibody-induced arthritis. <i>Arthritis Research and Therapy</i> , 2013 , 15, R222	5.7	26
40	Junb regulates arterial contraction capacity, cellular contractility, and motility via its target Myl9 in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2307-18	15.9	26
39	Parathyroid hormone inhibits c-Jun N-terminal kinase activity in rat osteoblastic cells by a protein kinase A-dependent pathway. <i>Endocrinology</i> , 2002 , 143, 1880-8	4.8	23
38	Keratinocyte-specific deletion of the receptor RAGE modulates the kinetics of skin inflammation in vivo. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2400-2406	4.3	22

37	Keratinocyte-specific onset of serine protease BSSP expression in experimental carcinogenesis. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 634-40	4.3	22
36	c-Jun and JunB are essential for hypoglycemia-mediated VEGF induction. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1091, 310-8	6.5	20
35	TAF7 (TAFII55) plays a role in the transcription activation by c-Jun. <i>Journal of Biological Chemistry</i> , 2003 , 278, 21510-6	5.4	20
34	A pro-tumorigenic function of S100A8/A9 in carcinogen-induced hepatocellular carcinoma. <i>Cancer Letters</i> , 2015 , 369, 396-404	9.9	19
33	Neutralization of the CD95 ligand by APG101 inhibits invasion of glioma cells in vitro. <i>Anti-Cancer Drugs</i> , 2015 , 26, 716-27	2.4	19
32	Junb controls lymphatic vascular development in zebrafish via miR-182. <i>Scientific Reports</i> , 2015 , 5, 15007	4.9	17
31	Hepatocyte-specific S100a8 and S100a9 transgene expression in mice causes Cxcl1 induction and systemic neutrophil enrichment. <i>Cell Communication and Signaling</i> , 2012 , 10, 40	7.5	17
30	Identification of the RAGE-dependent gene regulatory network in a mouse model of skin inflammation. <i>BMC Genomics</i> , 2010 , 11, 537	4.5	17
29	AP-1-controlled hepatocyte growth factor activation promotes keratinocyte migration via CEACAM1 and urokinase plasminogen activator/urokinase plasminogen receptor. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1140-8	4.3	16
28	JunB is required for IgE-mediated degranulation and cytokine release of mast cells. <i>Journal of Immunology</i> , 2007 , 179, 6873-80	5.3	16
27	Intratumoral platelet aggregate formation in a murine preclinical glioma model depends on podoplanin expression on tumor cells. <i>Blood Advances</i> , 2019 , 3, 1092-1102	7.8	15
26	Opposing function of MYBBP1A in proliferation and migration of head and neck squamous cell carcinoma cells. <i>BMC Cancer</i> , 2012 , 12, 72	4.8	15
25	A novel aspartic proteinase-like gene expressed in stratified epithelia and squamous cell carcinoma of the skin. <i>American Journal of Pathology</i> , 2006 , 168, 1354-64	5.8	15
24	Impaired skin regeneration and remodeling after cutaneous injury and chemically induced hyperplasia in taps-transgenic mice. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1922-30	4.3	14
23	Stathmin regulates keratinocyte proliferation and migration during cutaneous regeneration. <i>PLoS ONE</i> , 2013 , 8, e75075	3.7	12
22	Enhanced StefinA and Sprr2 expression during papilloma formation in HPV8 transgenic mice. <i>Journal of Dermatological Science</i> , 2011 , 62, 84-90	4.3	12
21	CEBPbeta, JunD and c-Jun contribute to the transcriptional activation of the metastasis-associated C4.4A gene. <i>International Journal of Cancer</i> , 2007 , 120, 2135-47	7.5	12
20	Podoplanin expression is a prognostic biomarker but may be dispensable for the malignancy of glioblastoma. <i>Neuro-Oncology</i> , 2019 , 21, 326-336	1	10

19	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. <i>Differentiation</i> , 2001 , 69, 49-57	3.5	9
18	Epithelial deletion of podoplanin is dispensable for re-epithelialization of skin wounds. <i>Experimental Dermatology</i> , 2015 , 24, 785-7	4	8
17	Loss of stromal JUNB does not affect tumor growth and angiogenesis. <i>International Journal of Cancer</i> , 2014 , 134, 1511-6	7.5	7
16	Procollagen I-expressing renin cell precursors. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, F355-61	4.3	7
15	Glioblastoma epigenome profiling identifies SOX10 as a master regulator of molecular tumour subtype. <i>Nature Communications</i> , 2020 , 11, 6434	17.4	7
14	The receptor for advanced glycation end products is dispensable in a mouse model of oral and esophageal carcinogenesis. <i>Histology and Histopathology</i> , 2013 , 28, 1585-94	1.4	7
13	Regulatory T cells sense effector T-cell activation through synchronized JunB expression. <i>FEBS Letters</i> , 2019 , 593, 1020-1029	3.8	6
12	Podoplanin Positive Myeloid Cells Promote Glioma Development by Immune Suppression. <i>Frontiers in Oncology</i> , 2019 , 9, 187	5.3	6
11	Early activation and induction of apoptosis in T cells is independent of c-Fos. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 225-31	6.5	6
10	Chronic liver inflammation and hepatocellular carcinogenesis are independent of S100A9. <i>International Journal of Cancer</i> , 2015 , 136, 2458-63	7.5	4
9	Dual Role of S100A8 and S100A9 in Inflammation-Associated Cancer. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2009 , 8, 329-336	2	4
8	Effects of selective MMP-13 inhibition in squamous cell carcinoma depend on estrogen. <i>International Journal of Cancer</i> , 2014 , 135, 2749-59	7.5	3
7	A novel neural stem cell-derived immunocompetent mouse model of glioblastoma for preclinical studies		2
6	Modeling glioblastoma invasion using human brain organoids and single-cell transcriptomics		1
5	A Set of Cell Lines Derived from a Genetic Murine Glioblastoma Model Recapitulates Molecular and Morphological Characteristics of Human Tumors. <i>Cancers</i> , 2021 , 13,	6.6	1
4	JUNB suppresses distant metastasis by influencing the initial metastatic stage. <i>Clinical and Experimental Metastasis</i> , 2021 , 38, 411-423	4.7	1
3	The Transcription Factor AP-1 in Squamous Cell Carcinogenesis: Lessons from Mouse Models of Skin Carcinogenesis 2011 , 185-199		1
2	Podoplanin is required for tumor cell invasion in cutaneous squamous cell carcinoma. <i>Experimental Dermatology</i> , 2021 , 30, 1619-1630	4	0

- 1 Expression of human collagenase I (MMP-1) and TIMP-1 in a baculovirus-based expression system.
Methods in Molecular Biology, **2001**, 151, 207-18 1.4