Peter F. Johnson

List of Publications by Year
in descending order

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92 papers	7,679 citations	36303 51 h-index	51608 86 g-index
95 all docs	95 docs citations	95 times ranked	8994 citing authors

#	Article	IF	Citations
1	Homologous recognition of a promoter domain common to the MSV LTR and the HSV tk gene. Cell, 1986, 44, 565-576.	28.9	601
2	MAPK3/1 (ERK1/2) in Ovarian Granulosa Cells Are Essential for Female Fertility. Science, 2009, 324, 938-941.	12.6	559
3	Transcription and processing of intervening sequences in yeast tRNA genes. Cell, 1978, 14, 221-236.	28.9	354
4	Molecular stop signs: regulation of cell-cycle arrest by C/EBP transcription factors. Journal of Cell Science, 2005, 118, 2545-2555.	2.0	257
5	Loss of sorting nexin 27 contributes to excitatory synaptic dysfunction by modulating glutamate receptor recycling in Down's syndrome. Nature Medicine, 2013, 19, 473-480.	30.7	221
6	An Essential Role for a MEK-C/EBP Pathway during Growth Factor-Regulated Cortical Neurogenesis. Neuron, 2002, 36, 597-610.	8.1	188
7	Toxoplasma gondiiTachyzoites Inhibit Proinflammatory Cytokine Induction in Infected Macrophages by Preventing Nuclear Translocation of the Transcription Factor NF-ÎºB. Journal of Immunology, 2001, 167, 2193-2201.	0.8	186
8	CCAAT/enhancer binding protein-Â is a mediator of keratinocyte survival and skin tumorigenesis involving oncogenic Ras signaling. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 207-212.	7.1	179
9	BCL-3 and NF-ÎºB p50 Attenuate Lipopolysaccharide-induced Inflammatory Responses in Macrophages. Journal of Biological Chemistry, 2004, 279, 49995-50003.	3.4	176
10	The yeast tRNATyr gene intron is essential for correct modification of its tRNA product. Nature, 1983, 302, 681-687.	27.8	169
11	Tumor Necrosis Factor Alpha Transcription in Macrophages Is Attenuated by an Autocrine Factor That Preferentially Induces NF-ÎºB p50. Molecular and Cellular Biology, 1998, 18, 5678-5689.	2.3	163
12	Interleukin-6-Specific Activation of the C/EBPÎ´ Gene in Hepatocytes Is Mediated by Stat3 and Sp1. Molecular and Cellular Biology, 1998, 18, 2108-2117.	2.3	153
13	Selectively enhanced contextual fear conditioning in mice lacking the transcriptional regulator CCAAT/enhancer binding protein Â. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10908-10913.	7.1	144
14	C/EBPÎ² cooperates with RB:E2F to implement RasV12-induced cellular senescence. EMBO Journal, 2005, 24, 3301-3312.	7.8	141
15	Transcriptional Activity of CCAAT/Enhancer-binding Proteins Is Controlled by a Conserved Inhibitory Domain That Is a Target for Sumoylation. Journal of Biological Chemistry, 2002, 277, 38037-38044.	3.4	140
16	C/EBPÎ² Modulates the Early Events of Keratinocyte Differentiation Involving Growth Arrest and Keratin 1 and Keratin 10 Expression. Molecular and Cellular Biology, 1999, 19, 7181-7190.	2.3	138
17	C/EBPbeta is a critical mediator of steroid hormone-regulated cell proliferation and differentiation in the uterine epithelium and stroma. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1870-1875.	7.1	138
18	CCAAT/Enhancer-Binding Proteins (C/EBP)-Î± and -Î² Are Essential for Ovulation, Luteinization, and the Expression of Key Target Genes. Molecular Endocrinology, 2011, 25, 253-268.	3.7	135

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19	Structural Basis for DNA Recognition by the Basic Region Leucine Zipper Transcription Factor CCAAT/Enhancer-binding Protein Î±. Journal of Biological Chemistry, 2003, 278, 15178-15184.	3.4	119
20	Decreased brain damage and curtailed inflammation in transcription factor CCAAT/enhancer binding protein Î² knockout mice following transient focal cerebral ischemia. Journal of Neurochemistry, 2006, 98, 1718-1731.	3.9	105
21	C/EBPÎ± deficiency results in hyperproliferation of hematopoietic progenitor cells and disrupts macrophage development in vitro and in vivo. Blood, 2004, 104, 1639-1647.	1.4	98
22	Stop and Go: Anti-Proliferative and Mitogenic Functions of the Transcription Factor C/EBPβ. Cell Cycle, 2006, 5, 953-957.	2.6	98
23	The Yersinia pestis Effector YopM Inhibits Pyrin Inflammasome Activation. PLoS Pathogens, 2016, 12, e1006035.	4.7	98
24	CCAAT/Enhancer-binding Proteins Regulate Expression of the Human Steroidogenic Acute Regulatory Protein (StAR) Gene. Journal of Biological Chemistry, 1999, 274, 26591-26598.	3.4	92
25	C/EBPÎ², When Expressed from the C/ebp Î± Gene Locus, Can Functionally Replace C/EBPÎ± in Liver but Not in Adipose Tissue. Molecular and Cellular Biology, 2000, 20, 7292-7299.	2.3	91
26	C/EBPÎ² regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimerâ€™s disease. Nature Communications, 2018, 9, 1784.	12.8	91
27	C/EBPÎ³ Suppresses Senescence and Inflammatory Gene Expression by Heterodimerizing with C/EBPÎ². Molecular and Cellular Biology, 2013, 33, 3242-3258.	2.3	90
28	MEKK1 plays a critical role in activating the transcription factor C/EBP-Â-dependent gene expression in response to IFN-Â. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7945-7950.	7.1	88
29	The C/EBP bZIP Domain Can Mediate Lipopolysaccharide Induction of the Proinflammatory Cytokines Interleukin-6 and Monocyte Chemoattractant Protein-1. Journal of Biological Chemistry, 2000, 275, 16373-16381.	3.4	85
30	CCAAT/Enhancer Binding Protein Î² Is a Neuronal Transcriptional Regulator Activated by Nerve Growth Factor Receptor Signaling. Journal of Neurochemistry, 1998, 70, 2424-2433.	3.9	83
31	Interleukinâ€6 Induces Expression of Peripherin and Cooperates with Trk Receptor Signaling to Promote Neuronal Differentiation in PC12 Cells. Journal of Neurochemistry, 1996, 67, 1365-1374.	3.9	82
32	C/EBP-related protein 2 confers lipopolysaccharide-inducible expression of interleukin 6 and monocyte chemoattractant protein 1 to a lymphoblastic cell line.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 7306-7310.	7.1	81
33	A feedback transcriptional mechanism controls the level of the arginine/lysine transporter cat-1 during amino acid starvation. Biochemical Journal, 2007, 402, 163-173.	3.7	80
34	Differential Control of the CCAAT/Enhancer-binding Protein Î² (C/EBPÎ²) Products Liver-enriched Transcriptional Activating Protein (LAP) and Liver-enriched Transcriptional Inhibitory Protein (LIP) and the Regulation of Gene Expression during the Response to Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2008, 283, 22443-22456.	3.4	79
35	Inhibition of CCAAT/Enhancer-binding Protein Î± and Î² Translation by Upstream Open Reading Frames. Journal of Biological Chemistry, 1998, 273, 9552-9560.	3.4	78
36	C/EBPÎ³ Is a Critical Regulator of Cellular Stress Response Networks through Heterodimerization with ATF4. Molecular and Cellular Biology, 2016, 36, 693-713.	2.3	77

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37	Insulin Suppresses Transactivation by CAAT/Enhancer-binding Proteins Î² (C/EBPÎ²). Journal of Biological Chemistry, 2001, 276, 8516-8523.	3.4	75
38	Cell Cycle-Dependent Phosphorylation of C/EBPÎ² Mediates Oncogenic Cooperativity between C/EBPÎ² and H-Ras V12. Molecular and Cellular Biology, 2004, 24, 7380-7391.	2.3	72
39	C/EBPÎ± determines hematopoietic cell fate in multipotential progenitor cells by inhibiting erythroid differentiation and inducing myeloid differentiation. Blood, 2006, 107, 4308-4316.	1.4	71
40	Side-branching in the mammary gland: the progesteroneâ€“Wnt connection. Genes and Development, 2000, 14, 889-894.	5.9	71
41	A Distal Enhancer in Il12b Is the Target of Transcriptional Repression by the STAT3 Pathway and Requires the Basic Leucine Zipper (B-ZIP) Protein NFIL3. Journal of Biological Chemistry, 2011, 286, 23582-23590.	3.4	70
42	Generation of Truncated C/EBPÎ² Isoforms by in VitroProteolysis. Journal of Biological Chemistry, 2000, 275, 26582-26590.	3.4	66
43	C/EBPÎµ Is a Myeloid-specific Activator of Cytokine, Chemokine, and Macrophage-Colony-stimulating Factor Receptor Genes. Journal of Biological Chemistry, 1998, 273, 13493-13501.	3.4	63
44	RSK-Mediated Phosphorylation in the C/EBPÎ² Leucine Zipper Regulates DNA Binding, Dimerization, and Growth Arrest Activity. Molecular and Cellular Biology, 2010, 30, 2621-2635.	2.3	63
45	Regulation of CCAAT/Enhancer-binding Protein (C/EBP) Activator Proteins by Heterodimerization with C/EBPÎ³ (Ig/EBP). Journal of Biological Chemistry, 2002, 277, 23563-23572.	3.4	62
46	Â-Adrenergic receptor-induced activation of nerve growth factor gene transcription in rat cerebral cortex involves CCAAT/enhancer-binding protein Â. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10920-10925.	7.1	61
47	Transcriptional Regulation of Fatty Acid Translocase/CD36 Expression by CCAAT/Enhancer-binding Protein Î±. Journal of Biological Chemistry, 2008, 283, 8788-8795.	3.4	60
48	The lamin B receptor under transcriptional control of C/EBPÎµ is required for morphological but not functional maturation of neutrophils. Human Molecular Genetics, 2008, 17, 2921-2933.	2.9	59
49	Identification of a Src Tyrosine Kinase/SIAH2 E3 Ubiquitin Ligase Pathway That Regulates C/EBPÎ´ Expression and Contributes to Transformation of Breast Tumor Cells. Molecular and Cellular Biology, 2012, 32, 320-332.	2.3	58
50	RNA Fibers as Optimized Nanoscaffolds for siRNA Coordination and Reduced Immunological Recognition. Advanced Functional Materials, 2018, 28, 1805959.	14.9	57
51	Design of a C/EBP-specific, Dominant-negative bZIP Protein with Both Inhibitory and Gain-of-function Properties. Journal of Biological Chemistry, 1996, 271, 2040-2047.	3.4	56
52	Activation domains of transcriptional regulatory proteins. Journal of Nutritional Biochemistry, 1993, 4, 386-398.	4.2	48
53	Critical Prosurvival Roles for C/EBPÎ² and Insulin-Like Growth Factor I in Macrophage Tumor Cells. Molecular and Cellular Biology, 2004, 24, 3238-3250.	2.3	48
54	C5a-regulated CCAAT/Enhancer-binding Proteins Î² and Î´ Are Essential in FcÎ³ Receptor-mediated Inflammatory Cytokine and Chemokine Production in Macrophages. Journal of Biological Chemistry, 2012, 287, 3217-3230.	3.4	47

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55	CAAT/Enhancer-binding Protein Î´ and cAMP-response Element-binding Protein Mediate Inducible Expression of the Nerve Growth Factor Gene in the Central Nervous System. Journal of Biological Chemistry, 2006, 281, 17681-17688.	3.4	46
56	IKKÎ± inactivation promotes Kras-initiated lung adenocarcinoma development through disrupting major redox regulatory pathways. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E812-E821.	7.1	44
57	Autocrine Signals Control CCAAT/Enhancer Binding Protein Î² Expression, Localization, and Activity in Macrophages. Blood, 1998, 92, 4353-4365.	1.4	42
58	3â€²UTR elements inhibit Ras-induced C/EBPÎ² post-translational activation and senescence in tumour cells. EMBO Journal, 2011, 30, 3714-3728.	7.8	42
59	C/EBPÎ³ Has a Stimulatory Role on the IL-6 andIL-8 Promoters. Journal of Biological Chemistry, 2002, 277, 38827-38837.	3.4	41
60	Regulation of senescence and the SASP by the transcription factor C/EBPÎ². Experimental Gerontology, 2019, 128, 110752.	2.8	41
61	Nulliparous CCAAT/Enhancer Binding ProteinÎ´ (C/EBPÎ´) Knockout Mice Exhibit Mammary Gland Ductal Hyperlasia. Experimental Biology and Medicine, 2003, 228, 278-285.	2.4	39
62	CCAAT/Enhancer-binding Protein Î² DNA Binding Is Auto-inhibited by Multiple Elements That Also Mediate Association with p300/CREB-binding Protein (CBP). Journal of Biological Chemistry, 2010, 285, 21399-21410.	3.4	39
63	C/EBPÂ regulates body composition, energy balance-related hormones and tumor growth. Carcinogenesis, 2009, 30, 832-840.	2.8	38
64	An Arf-Egr-C/EBPÎ² Pathway Linked to Ras-Induced Senescence and Cancer. Molecular and Cellular Biology, 2015, 35, 866-883.	2.3	38
65	Repression of the Inhibin Î±-Subunit Gene by the Transcription Factor CCAAT/Enhancer-Binding Protein-Î². Endocrinology, 2005, 146, 1909-1921.	2.8	36
66	Genetic Ablation of CCAAT/Enhancer Binding Protein Î± in Epidermis Reveals Its Role in Suppression of Epithelial Tumorigenesis. Cancer Research, 2007, 67, 6768-6776.	0.9	35
67	CCAAT/Enhancer-Binding Protein Î´ Is a Critical Mediator of Lipopolysaccharide-Induced Acute Lung Injury. American Journal of Pathology, 2013, 182, 420-430.	3.8	35
68	Critical Role for CCAAT/Enhancer-Binding Protein Î² in Immune Complex-Induced Acute Lung Injury. Journal of Immunology, 2012, 189, 1480-1490.	0.8	34
69	Ablation of cDC2 development by triple mutations within the Zeb2 enhancer. Nature, 2022, 607, 142-148.	27.8	34
70	RasV12-Mediated Down-regulation of CCAAT/Enhancer Binding Protein Î² in Immortalized Fibroblasts Requires Loss of p19Arf and Facilitates Bypass of Oncogene-Induced Senescence. Cancer Research, 2009, 69, 2588-2598.	0.9	32
71	Mouse Chromosomal Location of the CCAAT/Enhancer Binding Proteins C/EBPÎ² (Cebpb), C/EBPÎ´ (Cebpd), and CRP1 (Cebpe). Genomics, 1995, 28, 333-336.	2.9	30
72	Dual negative roles of C/EBPÎ± in the expansion and pro-tumor functions of MDSCs. Scientific Reports, 2017, 7, 14048.	3.3	29

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73	CIKS/Act1-Mediated Signaling by IL-17 Cytokines in Context: Implications for How a CIKS Gene Variant May Predispose to Psoriasis. Journal of Immunology, 2012, 188, 5906-5914.	0.8	24
74	Characterization of Cationic Bolaamphiphile Vesicles for siRNA Delivery into Tumors and Brain. Molecular Therapy - Nucleic Acids, 2020, 20, 359-372.	5.1	24
75	Differential roles of C/EBPÎ² regulatory domains in specifying MCP-1 and IL-6 transcription. Molecular Immunology, 2007, 44, 1384-1392.	2.2	23
76	A Role for Mixed Lineage Kinases in Regulating Transcription Factor CCAAT/Enhancer-binding Protein-Î²-dependent Gene Expression in Response to Interferon-Î³. Journal of Biological Chemistry, 2005, 280, 24462-24471.	3.4	21
77	Structural insights into interactions of C/EBP transcriptional activators with the Taz2 domain of p300. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1914-1921.	2.5	21
78	Oncogenic RAS-Induced Perinuclear Signaling Complexes Requiring KSR1 Regulate Signal Transmission to Downstream Targets. Cancer Research, 2018, 78, 891-908.	0.9	19
79	CCAAT/Enhancer-binding Protein Î² Mediates Interferon-Î³-induced p48 (ISGF3-Î³) Gene Transcription in Human Monocytic Cells. Journal of Biological Chemistry, 2001, 276, 23275-23281.	3.4	18
80	Synergistic effect of dexamethasone and Î²-adrenergic receptor agonists on the nerve growth factor gene transcription. Molecular Brain Research, 2004, 124, 97-104.	2.3	18
81	5â€²UTR of the neurogenic bHLHNex1/MATH-2/NeuroD6gene is regulated by two distinct promoters through CRE and C/EBP binding sites. Journal of Neuroscience Research, 2007, 85, 1-18.	2.9	17
82	Role of the Transcription Factor C/EBPÎ² in Expression of a Rat Pregnancy-Specific Glycoprotein Gene. DNA and Cell Biology, 1995, 14, 681-688.	1.9	13
83	A Central Role for Transcription Factor C/EBP-Î² in Regulating CD1d Gene Expression in Human Keratinocytes. Journal of Immunology, 2009, 183, 1657-1666.	0.8	12
84	A RAS-CaMKKÎ²-AMPKÎ±2 pathway promotes senescence by licensing post-translational activation of C/EBPÎ² through a novel 3â€²UTR mechanism. Oncogene, 2018, 37, 3528-3548.	5.9	12
85	C/EBPÎ² serine 64, a phosphoacceptor site, has a critical role in LPS-induced IL-6 and MCP-1 transcription. Cytokine, 2007, 37, 119-127.	3.2	10
86	Localized RAS signaling drives cancer. Oncoscience, 2019, 6, 298-300.	2.2	3
87	Autocrine Signals Control CCAAT/Enhancer Binding Protein Î² Expression, Localization, and Activity in Macrophages. Blood, 1998, 92, 4353-4365.	1.4	2
88	CCAAT/Enhancer-Binding Protein Î´. American Journal of Pathology, 2013, 182, 1459-1460.	3.8	1
89	ERK1/2 in Ovarian Granulosa Cells Are Essential for Female Fertility.. Biology of Reproduction, 2009, 81, 153-153.	2.7	1
90	A central role for transcription factor C/EBP-Î² in regulating CD1d gene expression in human keratinocytes. Journal of Immunology, 2009, 183, 4135.1-4135.	0.8	0

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91	Expression and Function of CCAAT/Enhancer Binding Proteins (C/EBPs) in the Ovary. , 2000, , 277-291.		0
92	CCAAT-Enhancer Binding Protein-beta (C/EBPP) Regulates Deltasecretase Expression, Mediating the Pathogenesis in Alzheimer's Disease. SSRN Electronic Journal, 0, , .	0.4	0