Peter Oettgen

List of Publications by Year
in descending order

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67 papers	4,815 citations	66343 42 h-index	110387 64 g-index
67 all docs	67 docs citations	67 times ranked	7082 citing authors

#	Article	IF	Citations
1	Engineering Robust and Functional Vascular Networks In Vivo With Human Adult and Cord Bloodâ€“Derived Progenitor Cells. Circulation Research, 2008, 103, 194-202.	4.5	449
2	Transcriptional activation of integrin Î²6 during the epithelial-mesenchymal transition defines a novel prognostic indicator of aggressive colon carcinoma. Journal of Clinical Investigation, 2005, 115, 339-347.	8.2	285
3	PDEF, a Novel Prostate Epithelium-specific Ets Transcription Factor, Interacts with the Androgen Receptor and Activates Prostate-specific Antigen Gene Expression. Journal of Biological Chemistry, 2000, 275, 1216-1225.	3.4	219
4	Ets-1 is a critical regulator of Ang II-mediated vascular inflammation and remodeling. Journal of Clinical Investigation, 2005, 115, 2508-2516.	8.2	191
5	Transcriptional activation of integrin Î²6 during the epithelial-mesenchymal transition defines a novel prognostic indicator of aggressive colon carcinoma. Journal of Clinical Investigation, 2005, 115, 339-347.	8.2	183
6	Stem Cell Therapy for Cardiac Repair. Circulation, 2006, 114, 339-352.	1.6	176
7	Ets-1 and Ets-2 Regulate the Expression of MicroRNA-126 in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1990-1997.	2.4	125
8	ETS Factors Regulate Vegf-Dependent Arterial Specification. Developmental Cell, 2013, 26, 45-58.	7.0	124
9	TGF-Î² Induces Acetylation of Chromatin and of Ets-1 to Alleviate Repression of miR-192 in Diabetic Nephropathy. Science Signaling, 2013, 6, ra43.	3.6	117
10	Regulation of Vascular Inflammation and Remodeling by ETS Factors. Circulation Research, 2006, 99, 1159-1166.	4.5	104
11	Flt-1-Dependent Survival Characterizes the Epithelial-Mesenchymal Transition of Colonic Organoids. Current Biology, 2003, 13, 1721-1727.	3.9	103
12	In vivo MRI of embryonic stem cells in a mouse model of myocardial infarction. Magnetic Resonance in Medicine, 2004, 52, 1214-1219.	3.0	103
13	Responses to the proinflammatory cytokines interleukin-1 and tumor necrosis factor ? in cells derived from rheumatoid synovium and other joint tissues involve nuclear factor ?B-mediated induction of the Ets transcription factor ESE-1. Arthritis and Rheumatism, 2003, 48, 1249-1260.	6.7	99
14	Role of Ets factors in the activity and endothelial cell specificity of the mouse Tie gene promoter. FASEB Journal, 1999, 13, 377-386.	0.5	97
15	Role of the Ets Transcription Factors in the Regulation of the Vascular-Specific Tie2 Gene. Circulation Research, 1999, 84, 1177-1185.	4.5	97
16	A Novel Role for GADD45Î² as a Mediator of MMP-13 Gene Expression during Chondrocyte Terminal Differentiation. Journal of Biological Chemistry, 2005, 280, 38544-38555.	3.4	93
17	Direct Conversion of Adult Skin Fibroblasts to Endothelial Cells by Defined Factors. Circulation, 2014, 130, 1168-1178.	1.6	92
18	ESE-3, a Novel Member of an Epithelium-specific Ets Transcription Factor Subfamily, Demonstrates Different Target Gene Specificity from ESE-1. Journal of Biological Chemistry, 2000, 275, 2986-2998.	3.4	91

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19	ESE-1 Is a Novel Transcriptional Mediator of Inflammation That Interacts with NF-Îºß to Regulate the Inducible Nitric-oxide Synthase Gene. Journal of Biological Chemistry, 2001, 276, 3302-3309.	3.4	91
20	Characterization of ESE-2, a Novel ESE-1-related Ets Transcription Factor That Is Restricted to Glandular Epithelium and Differentiated Keratinocytes. Journal of Biological Chemistry, 1999, 274, 29439-29452.	3.4	88
21	Transcriptional Regulation of Vascular Development. Circulation Research, 2001, 89, 380-388.	4.5	85
22	Cardiac Stem Cell Therapy. Circulation, 2006, 114, 353-358.	1.6	84
23	Ets-1 Is a Critical Transcriptional Regulator of Reactive Oxygen Species and p47^{phox}Gene Expression in Response to Angiotensin II. Circulation Research, 2007, 101, 985-994.	4.5	82
24	ETS-related Gene (ERG) Controls Endothelial Cell Permeability via Transcriptional Regulation of the Claudin 5 (CLDN5) Gene. Journal of Biological Chemistry, 2012, 287, 6582-6591.	3.4	82
25	Antiinflammatory Effects of the ETS Factor ERG in Endothelial Cells Are Mediated Through Transcriptional Repression of the Interleukin-8 Gene. Circulation Research, 2009, 104, 1049-1057.	4.5	77
26	Angiogenic patterning by STEEL, an endothelial-enriched long noncoding RNA. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2401-2406.	7.1	75
27	E74-like Factor 3 (ELF3) Impacts on Matrix Metalloproteinase 13 (MMP13) Transcriptional Control in Articular Chondrocytes under Proinflammatory Stress. Journal of Biological Chemistry, 2012, 287, 3559-3572.	3.4	73
28	RhoJ is an endothelial cell-restricted Rho GTPase that mediates vascular morphogenesis and is regulated by the transcription factor ERG. Blood, 2011, 118, 1145-1153.	1.4	70
29	The Ets transcription factor ESE-1 mediates induction of the COX-2 gene by LPS in monocytes. FEBS Journal, 2005, 272, 1676-1687.	4.7	64
30	A Three-Kilobase Fragment of the Human Robo4 Promoter Directs Cell Typeâ€“Specific Expression in Endothelium. Circulation Research, 2007, 100, 1712-1722.	4.5	63
31	Critical Role for GATA3 in Mediating Tie2 Expression and Function in Large Vessel Endothelial Cells. Journal of Biological Chemistry, 2009, 284, 29109-29124.	3.4	61
32	A mechanistic role for DNA methylation in endothelial cell (EC)-enriched gene expression: relationship with DNA replication timing. Blood, 2013, 121, 3531-3540.	1.4	57
33	ESE-1 Is a Novel Transcriptional Mediator of Angiopoietin-1 Expression in the Setting of Inflammation. Journal of Biological Chemistry, 2004, 279, 12794-12803.	3.4	55
34	ELF-1 Is a Transcriptional Regulator of the Tie2 Gene During Vascular Development. Circulation Research, 2001, 88, 237-244.	4.5	54
35	ESEâ€1 is a potent repressor of type II collagen gene (COL2A1) transcription in human chondrocytes. Journal of Cellular Physiology, 2008, 215, 562-573.	4.1	54
36	ERG is required for the differentiation of embryonic stem cells along the endothelial lineage. BMC Developmental Biology, 2009, 9, 72.	2.1	54

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37	Bioinformatic identification and characterization of human endothelial cell-restricted genes. BMC Genomics, 2010, 11, 342.	2.8	54
38	Erg is a crucial regulator of endocardial-mesenchymal transformation during cardiac valve morphogenesis. Development (Cambridge), 2012, 139, 3973-3985.	2.5	50
39	Tel-2 Is a Novel Transcriptional Repressor Related to the Ets Factor Tel/ETV-6. Journal of Biological Chemistry, 2001, 276, 9421-9436.	3.4	49
40	Cloning and Characterization of the Human Lung Endothelial-Cell-Specific Molecule-1 Promoter. Journal of Vascular Research, 2002, 39, 148-159.	1.4	48
41	Critical role for the Ets transcription factor ELF-1 in the development of tumor angiogenesis. Blood, 2006, 107, 3153-3160.	1.4	45
42	Mechanism of inhibition of tumor angiogenesis by Î²â€hydroxyisovalerylshikonin. Cancer Science, 2009, 100, 269-277.	3.9	45
43	RTEF-1, a Novel Transcriptional Stimulator of Vascular Endothelial Growth Factor in Hypoxic Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 25010-25016.	3.4	44
44	Positive and Negative Modulation of the Transcriptional Activity of the ETS Factor ESE-1 through Interaction with p300, CREB-binding Protein, and Ku 70/86. Journal of Biological Chemistry, 2004, 279, 25241-25250.	3.4	41
45	Vascular bedâ€“specific regulation of the von Willebrand factor promoter in the heart and skeletal muscle. Blood, 2011, 117, 342-351.	1.4	41
46	Homing of intravenously infused embryonic stem cell-derived cells to injured hearts after myocardial infarction. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 889-897.	0.8	39
47	A GABP-binding element in the Robo4 promoter is necessary for endothelial expression in vivo. Blood, 2008, 112, 2336-2339.	1.4	38
48	NERF2, a member of the Ets family of transcription factors, is increased in response to hypoxia and angiopoietin-1: A potential mechanism for Tie2 regulation during hypoxia. Journal of Cellular Biochemistry, 2002, 85, 505-515.	2.6	37
49	Genomic Organization of the Human ELF3 (ESE-1/ESX) Gene, A Member of the Ets Transcription Factor Family, and Identification of a Functional Promoter. Genomics, 1999, 55, 358-362.	2.9	34
50	Isoforms of the Ets Transcription Factor NERF/ELF-2 Physically Interact with AML1 and Mediate Opposing Effects on AML1-mediated Transcription of the B Cell-specific blk Gene. Journal of Biological Chemistry, 2004, 279, 19512-19522.	3.4	28
51	Differential roles for ETS, CREB, and EGR binding sites in mediating VEGF receptor 1 expression in vivo. Blood, 2009, 114, 5557-5566.	1.4	25
52	The Role of Ets Factors in Tumor Angiogenesis. Journal of Oncology, 2010, 2010, 1-6.	1.3	24
53	Consistency of Recommendations for Evaluation and Management of Hypertension. JAMA Network Open, 2019, 2, e1915975.	5.9	23
54	ELF-1 Interacts with and Transactivates the IgH Enhancer Ï€ Site. Journal of Biological Chemistry, 1996, 271, 26007-26012.	3.4	20

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55	Opposing Functions of the Ets Factors NERF and ELF-1 During Chicken Blood Vessel Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1106-1112.	2.4	20
56	The Novel Epithelial-Specific Ets Transcription Factor Gene ESX Maps to Human Chromosome 1q32.1. Genomics, 1997, 45, 456-457.	2.9	19
57	Role of RNA splicing in mediating lineage-specific expression of the von Willebrand factor gene in the endothelium. Blood, 2013, 121, 4404-4412.	1.4	15
58	CD3 in Lewy pathology: does the abnormal recall of neurodevelopmental processes underlie Parkinsonâ€™s disease. Journal of Neural Transmission, 2011, 118, 23-26.	2.8	13
59	The Counter-Regulatory Effects of ESE-1 During Angiotensin II-Mediated Vascular Inflammation and Remodeling. American Journal of Hypertension, 2010, 23, 1312-1317.	2.0	12
60	Epithelium-Specific ETS (ESE)-1 upregulated GP73 expression in hepatocellular carcinoma cells. Cell and Bioscience, 2014, 4, 76.	4.8	12
61	Functional redundancy of Ets1 and Ets2. Blood, 2009, 114, 934-935.	1.4	10
62	Alterations in transcriptional responses associated with vascular aging. Journal of Inflammation, 2009, 6, 16.	3.4	5
63	Ets1 regulates the differentiation and function of iNKT cells through both Pointed domain-dependent and domain-independent mechanisms. Cellular and Molecular Immunology, 2020, 17, 1198-1200.	10.5	4
64	Antiapoptotic Effect of Implanted Embryonic Stem Cell-Derived Early-Differentiated Cells in Aging Rats After Myocardial Infarction. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 1219-1227.	3.6	3
65	Coupling: The Role of Ets Factors. , 2007, , 812-817.		0
66	Endothelial Differentiation of Embryonic Stem Cells. , 2011, , .		0
67	Transcriptional Regulation of Angiogenesis. , 2005, , 19-36.		0