Peter J Polverini

List of Publications by Year
in descending order

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60 papers	8,612 citations	125106 35 h-index	198040 52 g-index
61 all docs	61 docs citations	61 times ranked	8001 citing authors

#	Article	IF	Citations
1	The IL-6R and Bmi-1 axis controls self-renewal and chemoresistance of head and neck cancer stem cells. Cell Death and Disease, 2021, 12, 988.	2.7	27
2	Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats. Frontiers in Cellular and Infection Microbiology, 2021, 11, 737204.	1.8	7
3	HPV16 drives cancer immune escape via NLRX1-mediated degradation of STING. Journal of Clinical Investigation, 2020, 130, 1635-1652.	3.9	104
4	Integrative and collaborative care models between pediatric oral health and primary care providers: a scoping review of the literature. Journal of Public Health Dentistry, 2018, 78, 246-256.	0.5	19
5	Personalized medicine and the future of dental practice. Personalized Medicine, 2018, 15, 449-451.	0.8	8
6	UM-HACC-2A: MYB-NFIB fusion-positive human adenoid cystic carcinoma cell line. Oral Oncology, 2018, 87, 21-28.	0.8	23
7	Research and Discovery Science and the Future of Dental Education and Practice. Journal of Dental Education, 2017, 81, eS97-eS107.	0.7	21
8	Oral Health Research and Scholarship in 2040: Executive Summary. Journal of Dental Education, 2017, 81, 1137-1143.	0.7	6
9	Why Integrating Research and Scholarship into Dental Education Matters. Journal of Dental Education, 2014, 78, 332-333.	0.7	5
10	Glucose-Regulated Protein 78 (Grp78) Confers Chemoresistance to Tumor Endothelial Cells under Acidic Stress. PLoS ONE, 2014, 9, e101053.	1.1	40
11	The Unfolded Protein Response Induces the Angiogenic Switch in Human Tumor Cells through the PERK/ATF4 Pathway. Cancer Research, 2012, 72, 5396-5406.	0.4	160
12	A Curriculum for the New Dental Practitioner: Preparing Dentists for a Prospective Oral Health Care Environment. American Journal of Public Health, 2012, 102, e1-e3.	1.5	23
13	Angiogenesis and wound healing: basic discoveries, clinical implications, and therapeutic opportunities. Endodontic Topics, 2011, 24, 130-145.	0.5	12
14	Quantification of human angiogenesis in immunodeficient mice using a photon counting-based method. BioTechniques, 2007, 43, 73-77.	0.8	10
15	The response of VEGF-stimulated endothelial cells to angiostatic molecules is substrate-dependent. BMC Cell Biology, 2005, 6, 38.	3.0	27
16	Epstein-Barr Virus Lytic Infection Is Required for Efficient Production of the Angiogenesis Factor Vascular Endothelial Growth Factor in Lymphoblastoid Cell Lines. Journal of Virology, 2005, 79, 13984-13992.	1.5	93
17	Bcl-2 Acts in a Proangiogenic Signaling Pathway through Nuclear Factor-Î¹B and CXC Chemokines. Cancer Research, 2005, 65, 5063-5069.	0.4	101
18	p38 MAPK Mediates Î³-Irradiation-induced Endothelial Cell Apoptosis, and Vascular Endothelial Growth Factor Protects Endothelial Cells through the Phosphoinositide 3-Kinase-Akt-Bcl-2 Pathway. Journal of Biological Chemistry, 2004, 279, 43352-43360.	1.6	137

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19	Role of Vascular Endothelial Growth Factor in Bone Marrow Stromal Cell Modulation of Endothelial Cells. Tissue Engineering, 2003, 9, 95-103.	4.9	181
20	Growth of Human Blood Vessels in Severe Combined Immunodefi cient Mice: A New In Vivo Model System of Angiogenesis. , 2003, 78, 161-178.		3
21	Src and phosphatidylinositol 3â€“kinase mediate soluble E-selectinâ€“induced angiogenesis. Blood, 2003, 101, 3960-3968.	0.6	67
22	Interleukin-8 and Growth-Regulated Oncogene Alpha Mediate Angiogenesis in Kaposi's Sarcoma. Journal of Virology, 2002, 76, 11570-11583.	1.5	79
23	Angiogenesis in Health and Disease: Insights into Basic Mechanisms and Therapeutic Opportunities. Journal of Dental Education, 2002, 66, 962-975.	0.7	68
24	Engineering vascular networks in porous polymer matrices. Journal of Biomedical Materials Research Part B, 2002, 60, 668-678.	3.0	207
25	Angiogenesis in health and disease: insights into basic mechanisms and therapeutic opportunities. Journal of Dental Education, 2002, 66, 962-75.	0.7	36
26	Engineering and Characterization of Functional Human Microvessels in Immunodeficient Mice. Laboratory Investigation, 2001, 81, 453-463.	1.7	280
27	Ley/H: An Endothelial-Selective, Cytokine-Inducible, Angiogenic Mediator. Journal of Immunology, 2000, 164, 4868-4877.	0.4	60
28	Thrombospondin-1 Induces Endothelial Cell Apoptosis and Inhibits Angiogenesis by Activating the Caspase Death Pathway. Journal of Vascular Research, 2000, 37, 209-218.	0.6	207
29	Neuregulin activation of ErbB receptors in vascular endothelium leads to angiogenesis. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H2205-H2211.	1.5	114
30	Role of endothelial cell survival and death signals in angiogenesis. , 1999, 3, 101-116.		54
31	Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis Is Associated with Enhanced Endothelial Cell Survival and Induction of Bcl-2 Expression. American Journal of Pathology, 1999, 154, 375-384.	1.9	591
32	Contribution of the Extracellular Matrix and Macrophages in Angiogenesis. , 1999, , 65-75.		3
33	C-X-C Chemokines and Lung Cancer Angiogenesis. , 1999, , 143-167.		2
34	CXC chemokines mechanism of action in regulating tumor angiogenesis. Angiogenesis, 1998, 2, 123-134.	3.7	29
35	Angiogenesis induced by tumor necrosis factor-agr; is mediated by alpha4 integrins. Angiogenesis, 1998, 2, 265-275.	3.7	35
36	[14] In vitro and in vivo systems to assess role of Cî—¸Xî—¸C chemokines in regulation of angiogenesis. Methods in Enzymology, 1997, 288, 190-220.	0.4	37

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37	HGF/SF in Angiogenesis. Novartis Foundation Symposium, 1997, 212, 215-229.	1.2	45
38	Chapter 5 Tumor angiogenesis and its control by tumor suppressor genes. Advances in Oncobiology, 1996, , 99-117.	0.0	0
39	The Role of Thrombospondin in Angiogenesis. , 1996, , 105-113.		1
40	Role of C-X-C chemokines as regulators of angiogenesis in lung cancer. Journal of Leukocyte Biology, 1995, 57, 752-762.	1.5	222
41	Angiogenesis mediated by soluble forms of E-selectin and vascular cell adhesion molecule-1. Nature, 1995, 376, 517-519.	13.7	604
42	The Functional Role of the ELR Motif in CXC Chemokine-mediated Angiogenesis. Journal of Biological Chemistry, 1995, 270, 27348-27357.	1.6	1,084
43	Inhibition of angiogenesis by tissue inhibitor of metalloproteinase. Journal of Cellular Physiology, 1994, 160, 194-202.	2.0	267
44	Release of an inhibitor of angiogenesis upon induction of wild type p53 expression in glioblastoma cells. Nature Genetics, 1994, 8, 171-176.	9.4	313
45	Downregulation of Endothelial Cell Thrombospondin 1 Enhances in vitro Angiogenesis. Journal of Vascular Research, 1994, 31, 178-185.	0.6	98
46	Inhibitors of Neovascularization: Critical Mediators in the Coordinate Regulation of Angiogenesis. , 1994, , 29-37.		1
47	Decreased monocyte-mediated angiogenesis in scleroderma. Clinical Immunology and Immunopathology, 1992, 64, 153-160.	2.1	20
48	Role of the Macrophage in the Regulation of Physiological and Pathological Angiogenesis. , 1992, , 43-53.		9
49	Assay and purification of naturally occurring inhibitor of angiogenesis. Methods in Enzymology, 1991, 198, 440-450.	0.4	62
50	Resistant keratinocytes in 7,12-dimethylbenz[a]anthracene-initiated hamster buccal pouch epithelium. Carcinogenesis, 1991, 12, 617-622.	1.3	7
51	Regulation of the activity of a new inhibitor of angiogenesis by a cancer suppressor gene. Cell, 1989, 56, 345-355.	13.5	446
52	Inhibition of production of macrophage-derived angiogenic activity by the anti-rheumatic agents gold sodium thiomalate and auranofin. Biochemical and Biophysical Research Communications, 1988, 154, 205-212.	1.0	42
53	Transforming growth factor-beta (TGFÎ²) is chemotactic for human monocytes and induces their expression of angiogenic activity. Biochemical and Biophysical Research Communications, 1988, 157, 793-800.	1.0	231
54	Expression of the angiogenic phenotype by a subpopulation of keratinocytes derived from 7,12-dimethylbenz[a]anthracene-initiated hamster buccal pouch epithelium. Carcinogenesis, 1988, 9, 117-122.	1.3	29

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55	Macrophage-induced angiogenesis is mediated by tumour necrosis factor-Î±. Nature, 1987, 329, 630-632.	13.7	1,175
56	Inhibition of angiogenesis by the antineoplastic agents mitoxantrone and bisantrene. Biochemical and Biophysical Research Communications, 1986, 140, 901-907.	1.0	40
57	Induction of Neovascularization by Activated Human Monocytes. Journal of Leukocyte Biology, 1986, 39, 233-238.	1.5	92
58	Stimulation of neovascularization by human rheumatoid synovial tissue macrophages. Arthritis and Rheumatism, 1986, 29, 471-479.	6.7	125
59	Induction of Neovascularization and Nonlymphoid Mesenchymal Cell Proliferation by Macrophage Cell Lines. Journal of Leukocyte Biology, 1985, 37, 279-288.	1.5	28
60	Activated macrophages induce vascular proliferation. Nature, 1977, 269, 804-806.	13.7	794