

# Peter J Polverini

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60  
papers

7,515  
citations

32  
h-index

61  
g-index

61  
ext. papers

7,910  
ext. citations

9.5  
avg, IF

5.19  
L-index

#	Paper	IF	Citations
60	Active Smoking Induces Aberrations in Digestive Tract Microbiota of Rats.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 737204	5.9	2
59	The IL-6R and Bmi-1 axis controls self-renewal and chemoresistance of head and neck cancer stem cells. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 988	9.8	1
58	HPV16 drives cancer immune escape via NLRX1-mediated degradation of STING. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 1635-1652	15.9	46
57	Integrative and collaborative care models between pediatric oral health and primary care providers: a scoping review of the literature. <i>Journal of Public Health Dentistry</i> , <b>2018</b> , 78, 246-256	1.6	9
56	UM-HACC-2A: MYB-NFIB fusion-positive human adenoid cystic carcinoma cell line. <i>Oral Oncology</i> , <b>2018</b> , 87, 21-28	4.4	11
55	Research and Discovery Science and the Future of Dental Education and Practice. <i>Journal of Dental Education</i> , <b>2017</b> , 81, eS97-eS107	1.6	13
54	Oral Health Research and Scholarship in 2040: Executive Summary. <i>Journal of Dental Education</i> , <b>2017</b> , 81, 1137-1143	1.6	3
53	Why Integrating Research and Scholarship into Dental Education Matters. <i>Journal of Dental Education</i> , <b>2014</b> , 78, 332-333	1.6	3
52	Glucose-regulated protein 78 (Grp78) confers chemoresistance to tumor endothelial cells under acidic stress. <i>PLoS ONE</i> , <b>2014</b> , 9, e101053	3.7	34
51	Angiogenesis and Wound Healing: Basic Discoveries, Clinical Implications And Therapeutic Opportunities <b>2013</b> , 175-193		1
50	The unfolded protein response induces the angiogenic switch in human tumor cells through the PERK/ATF4 pathway. <i>Cancer Research</i> , <b>2012</b> , 72, 5396-406	10.1	130
49	A curriculum for the new dental practitioner: preparing dentists for a prospective oral health care environment. <i>American Journal of Public Health</i> , <b>2012</b> , 102, e1-3	5.1	18
48	Angiogenesis and wound healing: basic discoveries, clinical implications, and therapeutic opportunities. <i>Endodontic Topics</i> , <b>2011</b> , 24, 130-145		12
47	Quantification of human angiogenesis in immunodeficient mice using a photon counting-based method. <i>BioTechniques</i> , <b>2007</b> , 43, 73-7	2.5	9
46	The response of VEGF-stimulated endothelial cells to angiostatic molecules is substrate-dependent. <i>BMC Cell Biology</i> , <b>2005</b> , 6, 38		25
45	Epstein-Barr virus lytic infection is required for efficient production of the angiogenesis factor vascular endothelial growth factor in lymphoblastoid cell lines. <i>Journal of Virology</i> , <b>2005</b> , 79, 13984-92	6.6	81
44	Bcl-2 acts in a proangiogenic signaling pathway through nuclear factor-kappaB and CXC chemokines. <i>Cancer Research</i> , <b>2005</b> , 65, 5063-9	10.1	91

43	p38 MAPK mediates gamma-irradiation-induced endothelial cell apoptosis, and vascular endothelial growth factor protects endothelial cells through the phosphoinositide 3-kinase-Akt-Bcl-2 pathway. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 43352-60	5.4	122
42	Growth of human blood vessels in severe combined immunodeficient mice. A new in vivo model system of angiogenesis. <i>Methods in Molecular Medicine</i> , <b>2003</b> , 78, 161-77		3
41	Src and phosphatidylinositol 3-kinase mediate soluble E-selectin-induced angiogenesis. <i>Blood</i> , <b>2003</b> , 101, 3960-8	2.2	60
40	Role of vascular endothelial growth factor in bone marrow stromal cell modulation of endothelial cells. <i>Tissue Engineering</i> , <b>2003</b> , 9, 95-103		154
39	Engineering vascular networks in porous polymer matrices. <i>Journal of Biomedical Materials Research Part B</i> , <b>2002</b> , 60, 668-78		180
38	Interleukin-8 and growth-regulated oncogene alpha mediate angiogenesis in Kaposi's sarcoma. <i>Journal of Virology</i> , <b>2002</b> , 76, 11570-83	6.6	72
37	Angiogenesis in Health and Disease: Insights into Basic Mechanisms and Therapeutic Opportunities. <i>Journal of Dental Education</i> , <b>2002</b> , 66, 962-975	1.6	55
36	Angiogenesis in health and disease: insights into basic mechanisms and therapeutic opportunities. <i>Journal of Dental Education</i> , <b>2002</b> , 66, 962-75	1.6	31
35	Engineering and characterization of functional human microvessels in immunodeficient mice. <i>Laboratory Investigation</i> , <b>2001</b> , 81, 453-63	5.9	258
34	Ley/H: an endothelial-selective, cytokine-inducible, angiogenic mediator. <i>Journal of Immunology</i> , <b>2000</b> , 164, 4868-77	5.3	57
33	Thrombospondin-1 induces endothelial cell apoptosis and inhibits angiogenesis by activating the caspase death pathway. <i>Journal of Vascular Research</i> , <b>2000</b> , 37, 209-18	1.9	186
32	Neuregulin activation of ErbB receptors in vascular endothelium leads to angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 277, H2205-11	5.2	80
31	Role of endothelial cell survival and death signals in angiogenesis. <i>Angiogenesis</i> , <b>1999</b> , 3, 101-16	10.6	45
30	Vascular endothelial growth factor (VEGF)-mediated angiogenesis is associated with enhanced endothelial cell survival and induction of Bcl-2 expression. <i>American Journal of Pathology</i> , <b>1999</b> , 154, 375-84	5.8	544
29	Contribution of the Extracellular Matrix and Macrophages in Angiogenesis <b>1999</b> , 65-75		2
28	C-X-C Chemokines and Lung Cancer Angiogenesis <b>1999</b> , 143-167		1
27	CXC chemokines mechanism of action in regulating tumor angiogenesis. <i>Angiogenesis</i> , <b>1998</b> , 2, 123-34	10.6	26
26	Angiogenesis induced by tumor necrosis factor- $\alpha$ ; is mediated by $\alpha$ 4 integrins. <i>Angiogenesis</i> , <b>1998</b> , 2, 265-75	10.6	32

25	In vitro and in vivo systems to assess role of C-X-C chemokines in regulation of angiogenesis. <i>Methods in Enzymology</i> , <b>1997</b> , 288, 190-220	1.7	32
24	HGF/SF in angiogenesis. <i>Novartis Foundation Symposium</i> , <b>1997</b> , 212, 215-26; discussion 227-9		31
23	Chapter 5 Tumor angiogenesis and its control by tumor suppressor genes. <i>Advances in Oncobiology</i> , <b>1996</b> , 99-117		
22	The Role of Thrombospondin in Angiogenesis <b>1996</b> , 105-113		
21	Angiogenesis mediated by soluble forms of E-selectin and vascular cell adhesion molecule-1. <i>Nature</i> , <b>1995</b> , 376, 517-9	50.4	523
20	The functional role of the ELR motif in CXC chemokine-mediated angiogenesis. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 27348-57	5.4	917
19	Role of C-X-C chemokines as regulators of angiogenesis in lung cancer. <i>Journal of Leukocyte Biology</i> , <b>1995</b> , 57, 752-62	6.5	180
18	Inhibition of angiogenesis by tissue inhibitor of metalloproteinase. <i>Journal of Cellular Physiology</i> , <b>1994</b> , 160, 194-202	7	242
17	Release of an inhibitor of angiogenesis upon induction of wild type p53 expression in glioblastoma cells. <i>Nature Genetics</i> , <b>1994</b> , 8, 171-6	36.3	292
16	Downregulation of endothelial cell thrombospondin 1 enhances in vitro angiogenesis. <i>Journal of Vascular Research</i> , <b>1994</b> , 31, 178-85	1.9	87
15	Inhibitors of Neovascularization: Critical Mediators in the Coordinate Regulation of Angiogenesis <b>1994</b> , 29-37		1
14	Decreased monocyte-mediated angiogenesis in scleroderma. <i>Clinical Immunology and Immunopathology</i> , <b>1992</b> , 64, 153-60		19
13	Role of the Macrophage in the Regulation of Physiological and Pathological Angiogenesis <b>1992</b> , 43-53		7
12	Resistant keratinocytes in 7,12-dimethylbenz[a]anthracene-initiated hamster buccal pouch epithelium. <i>Carcinogenesis</i> , <b>1991</b> , 12, 617-22	4.6	6
11	Assay and purification of naturally occurring inhibitor of angiogenesis. <i>Methods in Enzymology</i> , <b>1991</b> , 198, 440-50	1.7	61
10	Regulation of the activity of a new inhibitor of angiogenesis by a cancer suppressor gene. <i>Cell</i> , <b>1989</b> , 56, 345-55	56.2	413
9	Inhibition of production of macrophage-derived angiogenic activity by the anti-rheumatic agents gold sodium thiomalate and auranofin. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 154, 205-12	3.4	36
8	Transforming growth factor-beta (TGF beta) is chemotactic for human monocytes and induces their expression of angiogenic activity. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 157, 793-800	3.0	210

7	Expression of the angiogenic phenotype by a subpopulation of keratinocytes derived from 7,12-dimethylbenz[a]anthracene-initiated hamster buccal pouch epithelium. <i>Carcinogenesis</i> , <b>1988</b> , 9, 117-22	4.6	27
6	Macrophage-induced angiogenesis is mediated by tumour necrosis factor-alpha. <i>Nature</i> , <b>1987</b> , 329, 630-3	50.4	1048
5	Induction of neovascularization by activated human monocytes. <i>Journal of Leukocyte Biology</i> , <b>1986</b> , 39, 233-8	6.5	85
4	Stimulation of neovascularization by human rheumatoid synovial tissue macrophages. <i>Arthritis and Rheumatism</i> , <b>1986</b> , 29, 471-9		119
3	Inhibition of angiogenesis by the antineoplastic agents mitoxantrone and bisantrene. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 140, 901-7	3.4	37
2	Induction of neovascularization and nonlymphoid mesenchymal cell proliferation by macrophage cell lines. <i>Journal of Leukocyte Biology</i> , <b>1985</b> , 37, 279-88	6.5	25
1	Activated macrophages induce vascular proliferation. <i>Nature</i> , <b>1977</b> , 269, 804-6	50.4	718