

Napoleone Ferrara

List of Publications by Year in descending order

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227
papers

95,305
citations

643

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235
times ranked

66838
citing authors

#	ARTICLE	IF	CITATIONS
1	Bevacizumab plus Irinotecan, Fluorouracil, and Leucovorin for Metastatic Colorectal Cancer. <i>New England Journal of Medicine</i> , 2004, 350, 2335-2342.	27.0	9,850
2	The biology of VEGF and its receptors. <i>Nature Medicine</i> , 2003, 9, 669-676.	30.7	8,501
3	Vascular Endothelial Growth Factor in Ocular Fluid of Patients with Diabetic Retinopathy and Other Retinal Disorders. <i>New England Journal of Medicine</i> , 1994, 331, 1480-1487.	27.0	3,519
4	Inhibition of vascular endothelial growth factor-induced angiogenesis suppresses tumour growth in vivo. <i>Nature</i> , 1993, 362, 841-844.	27.8	3,379
5	Heterozygous embryonic lethality induced by targeted inactivation of the VEGF gene. <i>Nature</i> , 1996, 380, 439-442.	27.8	3,312
6	Vascular Endothelial Growth Factor: Basic Science and Clinical Progress. <i>Endocrine Reviews</i> , 2004, 25, 581-611.	20.1	3,152
7	Angiogenesis as a therapeutic target. <i>Nature</i> , 2005, 438, 967-974.	27.8	2,384
8	Discovery and development of bevacizumab, an anti-VEGF antibody for treating cancer. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 391-400.	46.4	2,211
9	Pituitary follicular cells secrete a novel heparin-binding growth factor specific for vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 161, 851-858.	2.1	2,047
10	HIF-1 α Is Essential for Myeloid Cell-Mediated Inflammation. <i>Cell</i> , 2003, 112, 645-657.	28.9	1,862
11	VEGF couples hypertrophic cartilage remodeling, ossification and angiogenesis during endochondral bone formation. <i>Nature Medicine</i> , 1999, 5, 623-628.	30.7	1,853
12	Vascular Endothelial Growth Factor Regulates Endothelial Cell Survival through the Phosphatidylinositol 3 α -Kinase/Akt Signal Transduction Pathway. <i>Journal of Biological Chemistry</i> , 1998, 273, 30336-30343.	3.4	1,736
13	VEGF in Signaling and Disease: Beyond Discovery and Development. <i>Cell</i> , 2019, 176, 1248-1264.	28.9	1,468
14	VEGF and the quest for tumour angiogenesis factors. <i>Nature Reviews Cancer</i> , 2002, 2, 795-803.	28.4	1,363
15	VEGF Inhibition and Renal Thrombotic Microangiopathy. <i>New England Journal of Medicine</i> , 2008, 358, 1129-1136.	27.0	1,348
16	The Vascular Endothelial Growth Factor Family: Identification of a Fourth Molecular Species and Characterization of Alternative Splicing of RNA. <i>Molecular Endocrinology</i> , 1991, 5, 1806-1814.	3.7	1,242
17	Vascular endothelial growth factor stimulates bone repair by promoting angiogenesis and bone turnover. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9656-9661.	7.1	1,216
18	Glomerular-specific alterations of VEGF-A expression lead to distinct congenital and acquired renal diseases. <i>Journal of Clinical Investigation</i> , 2003, 111, 707-716.	8.2	1,100

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19	Molecular and biological properties of vascular endothelial growth factor. <i>Journal of Molecular Medicine</i> , 1999, 77, 527-543.	3.9	1,007
20	Clinical applications of angiogenic growth factors and their inhibitors. <i>Nature Medicine</i> , 1999, 5, 1359-1364.	30.7	958
21	Role of vascular endothelial growth factor in regulation of physiological angiogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1358-C1366.	4.6	913
22	Autocrine VEGF Signaling Is Required for Vascular Homeostasis. <i>Cell</i> , 2007, 130, 691-703.	28.9	902
23	Bevacizumab (Avastin), a humanized anti-VEGF monoclonal antibody for cancer therapy. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 328-335.	2.1	875
24	Vascular Endothelial Growth Factor Induces Expression of the Antiapoptotic Proteins Bcl-2 and A1 in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 13313-13316.	3.4	834
25	Tumor refractoriness to anti-VEGF treatment is mediated by CD11b+Gr1+ myeloid cells. <i>Nature Biotechnology</i> , 2007, 25, 911-920.	17.5	795
26	DEVELOPMENT OF RANIBIZUMAB, AN ANTI-VEGF VASCULAR ENDOTHELIAL GROWTH FACTOR ANTIGEN BINDING FRAGMENT, AS THERAPY FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2006, 26, 859-870.	1.7	753
27	Ten years of anti-vascular endothelial growth factor therapy. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 385-403.	46.4	724
28	Differential Transcriptional Regulation of the Two Vascular Endothelial Growth Factor Receptor Genes. <i>Journal of Biological Chemistry</i> , 1997, 272, 23659-23667.	3.4	667
29	Targeting the tumour vasculature: insights from physiological angiogenesis. <i>Nature Reviews Cancer</i> , 2010, 10, 505-514.	28.4	648
30	VEGF regulates haematopoietic stem cell survival by an internal autocrine loop mechanism. <i>Nature</i> , 2002, 417, 954-958.	27.8	647
31	Role of vascular endothelial growth factor in the regulation of angiogenesis. <i>Kidney International</i> , 1999, 56, 794-814.	5.2	640
32	Developmental and Pathological Angiogenesis. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 563-584.	9.4	620
33	Angiogenesis-Independent Endothelial Protection of Liver: Role of VEGFR-1. <i>Science</i> , 2003, 299, 890-893.	12.6	612
34	Corneal avascularity is due to soluble VEGF receptor-1. <i>Nature</i> , 2006, 443, 993-997.	27.8	605
35	Bv8 regulates myeloid-cell-dependent tumour angiogenesis. <i>Nature</i> , 2007, 450, 825-831.	27.8	582
36	Vascular endothelial growth factor is essential for corpus luteum angiogenesis. <i>Nature Medicine</i> , 1998, 4, 336-340.	30.7	581

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37	Granulocyte-colony stimulating factor promotes lung metastasis through mobilization of Ly6G+Ly6C+ granulocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21248-21255.	7.1	546
38	The vascular endothelial growth factor family of polypeptides. <i>Journal of Cellular Biochemistry</i> , 1991, 47, 211-218.	2.6	542
39	Vascular Endothelial Growth Factor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 789-791.	2.4	536
40	The Carboxyl-terminal Domain(111-165) of Vascular Endothelial Growth Factor Is Critical for Its Mitogenic Potency. <i>Journal of Biological Chemistry</i> , 1996, 271, 7788-7795.	3.4	534
41	Astrocyte-derived VEGF-A drives blood-brain barrier disruption in CNS inflammatory disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 2454-2468.	8.2	533
42	Analysis of Biological Effects and Signaling Properties of Flt-1 (VEGFR-1) and KDR (VEGFR-2). <i>Journal of Biological Chemistry</i> , 2001, 276, 3222-3230.	3.4	532
43	PDGF-C Mediates the Angiogenic and Tumorigenic Properties of Fibroblasts Associated with Tumors Refractory to Anti-VEGF Treatment. <i>Cancer Cell</i> , 2009, 15, 21-34.	16.8	527
44	Identification of an angiogenic mitogen selective for endocrine gland endothelium. <i>Nature</i> , 2001, 412, 877-884.	27.8	519
45	Vascular Endothelial Growth Factor Signaling Pathways: Therapeutic Perspective. <i>Clinical Cancer Research</i> , 2006, 12, 5018-5022.	7.0	511
46	Loss of HIF-1 α in endothelial cells disrupts a hypoxia-driven VEGF autocrine loop necessary for tumorigenesis. <i>Cancer Cell</i> , 2004, 6, 485-495.	16.8	494
47	Vascular endothelial growth factor induces interstitial collagenase expression in human endothelial cells. <i>Journal of Cellular Physiology</i> , 1992, 153, 557-562.	4.1	465
48	The Vascular Basement Membrane: A Niche for Insulin Gene Expression and β 2 Cell Proliferation. <i>Developmental Cell</i> , 2006, 10, 397-405.	7.0	463
49	G-CSF-initiated myeloid cell mobilization and angiogenesis mediate tumor refractoriness to anti-VEGF therapy in mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6742-6747.	7.1	442
50	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	7.2	429
51	Identification of Vascular Endothelial Growth Factor Determinants for Binding KDR and FLT-1 Receptors. <i>Journal of Biological Chemistry</i> , 1996, 271, 5638-5646.	3.4	427
52	Pharmacology and pharmacodynamics of bevacizumab as monotherapy or in combination with cytotoxic therapy in preclinical studies. <i>Cancer Research</i> , 2005, 65, 671-80.	0.9	427
53	VEGF antagonism reduces edema formation and tissue damage after ischemia/reperfusion injury in the mouse brain. <i>Journal of Clinical Investigation</i> , 1999, 104, 1613-1620.	8.2	421
54	Local Delivery of Vascular Endothelial Growth Factor Accelerates Reendothelialization and Attenuates Intimal Hyperplasia in Balloon-Injured Rat Carotid Artery. <i>Circulation</i> , 1995, 91, 2793-2801.	1.6	417

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55	Tumour-secreted miR-9 promotes endothelial cell migration and angiogenesis by activating the JAK-STAT pathway. <i>EMBO Journal</i> , 2012, 31, 3513-3523.	7.8	411
56	An interleukin-17-mediated paracrine network promotes tumor resistance to anti-angiogenic therapy. <i>Nature Medicine</i> , 2013, 19, 1114-1123.	30.7	395
57	The role of vascular endothelial growth factor in pathological angiogenesis. <i>Breast Cancer Research and Treatment</i> , 1995, 36, 127-137.	2.5	387
58	The Role of Vascular Endothelial Growth Factor in Angiogenesis. <i>Acta Haematologica</i> , 2001, 106, 148-156.	1.4	385
59	The hypoxic response of tumors is dependent on their microenvironment. <i>Cancer Cell</i> , 2003, 4, 133-146.	16.8	375
60	VEGF-A has a critical, nonredundant role in angiogenic switching and pancreatic β^2 cell carcinogenesis. <i>Cancer Cell</i> , 2002, 1, 193-202.	16.8	372
61	Role of Vascular Endothelial Growth Factor in Ovarian Cancer. <i>American Journal of Pathology</i> , 1998, 153, 1249-1256.	3.8	363
62	VEGF: an update on biological and therapeutic aspects. <i>Current Opinion in Biotechnology</i> , 2000, 11, 617-624.	6.6	351
63	Role of VEGF-A in Vascularization of Pancreatic Islets. <i>Current Biology</i> , 2003, 13, 1070-1074.	3.9	351
64	Hepatocyte Growth Factor Enhances Vascular Endothelial Growth Factor-Induced Angiogenesis in Vitro and in Vivo. <i>American Journal of Pathology</i> , 2001, 158, 1111-1120.	3.8	345
65	Comparisons of the Intraocular Tissue Distribution, Pharmacokinetics, and Safety of 125I-Labeled Full-Length and Fab Antibodies in Rhesus Monkeys Following Intravitreal Administration. <i>Toxicologic Pathology</i> , 1999, 27, 536-544.	1.8	337
66	Vascular Endothelial Growth Factor A in Intraocular Vascular Disease. <i>Ophthalmology</i> , 2013, 120, 106-114.	5.2	334
67	Vascular Endothelial Growth Factor Expression in the Retinal Pigment Epithelium Is Essential for Choriocapillaris Development and Visual Function. <i>American Journal of Pathology</i> , 2005, 167, 1451-1459.	3.8	322
68	Angiogenesis and Bone Growth. <i>Trends in Cardiovascular Medicine</i> , 2000, 10, 223-228.	4.9	321
69	Cross-species Vascular Endothelial Growth Factor (VEGF)-blocking Antibodies Completely Inhibit the Growth of Human Tumor Xenografts and Measure the Contribution of Stromal VEGF. <i>Journal of Biological Chemistry</i> , 2006, 281, 951-961.	3.4	315
70	The Molecular Basis of Vascular Lumen Formation in the Developing Mouse Aorta. <i>Developmental Cell</i> , 2009, 17, 505-515.	7.0	315
71	Autocrine VEGF Signaling Synergizes with EGFR in Tumor Cells to Promote Epithelial Cancer Development. <i>Cell</i> , 2010, 140, 268-279.	28.9	311
72	Intracellular VEGF regulates the balance between osteoblast and adipocyte differentiation. <i>Journal of Clinical Investigation</i> , 2012, 122, 3101-3113.	8.2	309

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73	The Complex Role of Neutrophils in Tumor Angiogenesis and Metastasis. <i>Cancer Immunology Research</i> , 2016, 4, 83-91.	3.4	290
74	VEGF-null cells require PDGFR β signaling-mediated stromal fibroblast recruitment for tumorigenesis. <i>EMBO Journal</i> , 2004, 23, 2800-2810.	7.8	289
75	The Vascular Endothelial Growth Factor Proteins: Identification of Biologically Relevant Regions by Neutralizing Monoclonal Antibodies. <i>Growth Factors</i> , 1992, 7, 53-64.	1.7	282
76	VEGF-A: a critical regulator of blood vessel growth. <i>European Cytokine Network</i> , 2009, 20, 158-163.	2.0	281
77	Role of Bv8 in neutrophil-dependent angiogenesis in a transgenic model of cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2640-2645.	7.1	275
78	Pathways mediating VEGF-independent tumor angiogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 21-26.	7.2	273
79	Dll4 and Notch signalling couples sprouting angiogenesis and artery formation. <i>Nature Cell Biology</i> , 2017, 19, 915-927.	10.3	271
80	Regulation of angiogenesis by a non-canonical Wnt β -Flt1 pathway in myeloid cells. <i>Nature</i> , 2011, 474, 511-515.	27.8	244
81	Cortical and retinal defects caused by dosage-dependent reductions in VEGF-A paracrine signaling. <i>Developmental Biology</i> , 2003, 262, 225-241.	2.0	243
82	Vascular Endothelial Growth Factor Increases Urokinase Receptor Expression in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 9709-9716.	3.4	237
83	Vascular Endothelial Growth Factor Receptor Localization and Activation in Human Trophoblast and Choriocarcinoma Cells. <i>Biology of Reproduction</i> , 1994, 51, 524-530.	2.7	232
84	Tumor Necrosis Factor β Regulates Expression of Vascular Endothelial Growth Factor Receptor-2 and of Its Co-receptor Neuropilin-1 in Human Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 22128-22135.	3.4	232
85	Effects of Vascular Endothelial Growth Factor on Hemodynamics and Cardiac Performance. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 27, 838-844.	1.9	228
86	Targeting VEGF-A to Treat Cancer and Age-Related Macular Degeneration. <i>Annual Review of Medicine</i> , 2007, 58, 491-504.	12.2	227
87	Induction of Vascular Endothelial Growth Factor by Insulin-like Growth Factor 1 in Colorectal Carcinoma. <i>Journal of Biological Chemistry</i> , 1996, 271, 29483-29488.	3.4	224
88	Lysophosphatidic Acid Induction of Vascular Endothelial Growth Factor Expression in Human Ovarian Cancer Cells. <i>Journal of the National Cancer Institute</i> , 2001, 93, 762-767.	6.3	224
89	Vascular Endothelial Growth Factor A Signaling in the Podocyte-Endothelial Compartment Is Required for Mesangial Cell Migration and Survival. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 724-735.	6.1	217
90	Local Guidance of Emerging Vessel Sprouts Requires Soluble Flt-1. <i>Developmental Cell</i> , 2009, 17, 377-386.	7.0	213

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91	Neutralizing anti-vascular endothelial growth factor antibody completely inhibits angiogenesis and growth of human prostate carcinoma micro tumors in vivo. , 1998, 35, 1-10.		211
92	Binding to the Extracellular Matrix and Proteolytic Processing: Two Key Mechanisms Regulating Vascular Endothelial Growth Factor Action. <i>Molecular Biology of the Cell</i> , 2010, 21, 687-690.	2.1	209
93	Targeting Placental Growth Factor/Neuropilin 1 Pathway Inhibits Growth and Spread of Medulloblastoma. <i>Cell</i> , 2013, 152, 1065-1076.	28.9	209
94	Bv8 and endocrine gland-derived vascular endothelial growth factor stimulate hematopoiesis and hematopoietic cell mobilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16813-16818.	7.1	205
95	ANGPTL3 Stimulates Endothelial Cell Adhesion and Migration via Integrin $\alpha 5 \beta 1$ and Induces Blood Vessel Formation in Vivo. <i>Journal of Biological Chemistry</i> , 2002, 277, 17281-17290.	3.4	204
96	Site-specific therapeutic angiogenesis after systemic administration of vascular endothelial growth factor. <i>Journal of Vascular Surgery</i> , 1995, 21, 314-325.	1.1	197
97	Angiogenic inhibitors: a new therapeutic strategy in oncology. <i>Nature Clinical Practice Oncology</i> , 2005, 2, 562-577.	4.3	186
98	The endocrine-gland-derived VEGF homologue Bv8 promotes angiogenesis in the testis: Localization of Bv8 receptors to endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2685-2690.	7.1	184
99	Vascular endothelial growth factor and age-related macular degeneration: from basic science to therapy. <i>Nature Medicine</i> , 2010, 16, 1107-1111.	30.7	184
100	A direct and melanopsin-dependent fetal light response regulates mouse eye development. <i>Nature</i> , 2013, 494, 243-246.	27.8	183
101	Homologous Up-regulation of KDR/Flk-1 Receptor Expression by Vascular Endothelial Growth Factor in Vitro. <i>Journal of Biological Chemistry</i> , 1998, 273, 29979-29985.	3.4	181
102	Impaired brain angiogenesis and neuronal apoptosis induced by conditional homozygous inactivation of vascular endothelial growth factor. <i>Thrombosis and Haemostasis</i> , 2004, 91, 595-605.	3.4	179
103	VEGF inhibition: insights from preclinical and clinical studies. <i>Cell and Tissue Research</i> , 2009, 335, 261-269.	2.9	179
104	Differential Expression of the Angiogenic Factor Genes Vascular Endothelial Growth Factor (VEGF) and Endocrine Gland-Derived VEGF in Normal and Polycystic Human Ovaries. <i>American Journal of Pathology</i> , 2003, 162, 1881-1893.	3.8	177
105	Contribution of Vascular Endothelial Growth Factor in the Neovascularization Process during the Pathogenesis of Herpetic Stromal Keratitis. <i>Journal of Virology</i> , 2001, 75, 9828-9835.	3.4	175
106	The role of VEGF in normal and neoplastic hematopoiesis. <i>Journal of Molecular Medicine</i> , 2003, 81, 20-31.	3.9	173
107	Angiogenesis-Dependent and Independent Phases of Intimal Hyperplasia. <i>Circulation</i> , 2004, 110, 2436-2443.	1.6	172
108	Myeloid-Cell-Derived VEGF Maintains Brain Glucose Uptake and Limits Cognitive Impairment in Obesity. <i>Cell</i> , 2016, 165, 882-895.	28.9	167

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109	Vascular endothelial growth factor. Trends in Cardiovascular Medicine, 1993, 3, 244-250.	4.9	162
110	Formation of endothelial cell networks. Nature, 2000, 405, 139-141.	27.8	161
111	Therapeutic Angiogenesis Following Arterial Gene Transfer of Vascular Endothelial Growth Factor in a Rabbit Model of Hindlimb Ischemia. Biochemical and Biophysical Research Communications, 1996, 227, 628-635.	2.1	157
112	A repressor sequence in the juxtamembrane domain of Flt-1 (VEGFR-1) constitutively inhibits vascular endothelial growth factor-dependent phosphatidylinositol 3-kinase activation and endothelial cell migration. EMBO Journal, 2000, 19, 4064-4073.	7.8	157
113	Refractoriness to Antivascular Endothelial Growth Factor Treatment: Role of Myeloid Cells: Figure 1.. Cancer Research, 2008, 68, 5501-5504.	0.9	154
114	Vascular Endothelial Growth Factor Immunoneutralization Plus Paclitaxel Markedly Reduces Tumor Burden and Ascites in Athymic Mouse Model of Ovarian Cancer. American Journal of Pathology, 2002, 161, 1917-1924.	3.8	153
115	Vascular endothelial growth factor, a specific regulator of angiogenesis. Current Opinion in Nephrology and Hypertension, 1996, 5, 35-44.	2.0	149
116	Role of myeloid cells in tumor angiogenesis and growth. Trends in Cell Biology, 2008, 18, 372-378.	7.9	149
117	Interaction between Bevacizumab and Murine VEGF-A: A Reassessment. , 2008, 49, 522.		149
118	PlGF Blockade Does Not Inhibit Angiogenesis during Primary Tumor Growth. Cell, 2010, 141, 166-177.	28.9	145
119	Soluble FLT1 Binds Lipid Microdomains in Podocytes to Control Cell Morphology and Glomerular Barrier Function. Cell, 2012, 151, 384-399.	28.9	144
120	Epithelial-vascular cross talk mediated by VEGF-A and HGF signaling directs primary septae formation during distal lung morphogenesis. Developmental Biology, 2007, 308, 44-53.	2.0	142
121	Quantifying Antivascular Effects of Monoclonal Antibodies to Vascular Endothelial Growth Factor: Insights from Imaging. Clinical Cancer Research, 2009, 15, 6674-6682.	7.0	142
122	<sc>VEGF</sc>-regulated by progesterone governs uterine angiogenesis and vascular remodelling during pregnancy. EMBO Molecular Medicine, 2013, 5, 1415-1430.	6.9	141
123	Aortic Smooth Muscle Cells Express and Secrete Vascular Endothelial Growth Factor. Growth Factors, 1991, 5, 141-148.	1.7	138
124	Tumor and stromal pathways mediating refractoriness/resistance to anti-angiogenic therapies. Trends in Pharmacological Sciences, 2009, 30, 624-630.	8.7	137
125	Elusive Identities and Overlapping Phenotypes of Proangiogenic Myeloid Cells in Tumors. American Journal of Pathology, 2010, 176, 1564-1576.	3.8	137
126	Molecular and biological properties of the vascular endothelial growth factor family of proteins. , 1992, 13, 18-32.		137

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127	Endothelium-Microenvironment Interactions in the Developing Embryo and in the Adult. <i>Developmental Cell</i> , 2007, 12, 181-194.	7.0	128
128	Role of myeloid cells in vascular endothelial growth factor-independent tumor angiogenesis. <i>Current Opinion in Hematology</i> , 2010, 17, 1.	2.5	120
129	Astrocyte-Derived Vascular Endothelial Growth Factor Stabilizes Vessels in the Developing Retinal Vasculature. <i>PLoS ONE</i> , 2010, 5, e11863.	2.5	120
130	VEGF Regulates Cell Behavior during Vasculogenesis. <i>Developmental Biology</i> , 2000, 224, 178-188.	2.0	113
131	Tumor-Driven Paracrine Platelet-Derived Growth Factor Receptor $\hat{\pm}$ Signaling Is a Key Determinant of Stromal Cell Recruitment in a Model of Human Lung Carcinoma. <i>Clinical Cancer Research</i> , 2006, 12, 2676-2688.	7.0	112
132	Function Blocking Antibodies to Neuropilin-1 Generated from a Designed Human Synthetic Antibody Phage Library. <i>Journal of Molecular Biology</i> , 2007, 366, 815-829.	4.2	108
133	Mice expressing a humanized form of VEGF-A may provide insights into the safety and efficacy of anti-VEGF antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3478-3483.	7.1	107
134	Recovery of Disturbed Endothelium-Dependent Flow in the Collateral-Perfused Rabbit Ischemic Hindlimb After Administration of Vascular Endothelial Growth Factor. <i>Circulation</i> , 1995, 91, 2802-2809.	1.6	106
135	Role of the microenvironment in tumor growth and in refractoriness/resistance to anti-angiogenic therapies. <i>Drug Resistance Updates</i> , 2008, 11, 219-230.	14.4	104
136	Endocrine gland-derived VEGF and the emerging hypothesis of organ-specific regulation of angiogenesis. <i>Nature Medicine</i> , 2002, 8, 913-917.	30.7	103
137	Oncogenic RAS pathway activation promotes resistance to anti-VEGF therapy through G-CSF-induced neutrophil recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6079-6084.	7.1	101
138	A Functional Role for VEGFR1 Expressed in Peripheral Sensory Neurons in Cancer Pain. <i>Cancer Cell</i> , 2015, 27, 780-796.	16.8	97
139	Conditioned Medium from Mouse Sarcoma 180 Cells Contains Vascular Endothelial Growth Factor. <i>Growth Factors</i> , 1990, 4, 53-59.	1.7	96
140	Vascular Endothelial Growth Factor Attenuates Myocardial Ischemia-Reperfusion Injury. <i>Annals of Thoracic Surgery</i> , 1997, 64, 993-998.	1.3	95
141	Modeling and predicting clinical efficacy for drugs targeting the tumor milieu. <i>Nature Biotechnology</i> , 2012, 30, 648-657.	17.5	95
142	Complementary interplay between matrix metalloproteinase-9, vascular endothelial growth factor and osteoclast function drives endochondral bone formation. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 224-235.	2.4	93
143	Expression of a functional VEGFR-1 in tumor cells is a major determinant of anti-PlGF antibodies efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11590-11595.	7.1	93
144	A Therapeutic Anti-VEGF Antibody with Increased Potency Independent of Pharmacokinetic Half-life. <i>Cancer Research</i> , 2010, 70, 3269-3277.	0.9	91

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145	Characterization of Endocrine Gland-derived Vascular Endothelial Growth Factor Signaling in Adrenal Cortex Capillary Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 8724-8729.	3.4	90
146	Purification and cloning of vascular endothelial growth factor secreted by pituitary folliculostellate cells. <i>Methods in Enzymology</i> , 1991, 198, 391-405.	1.0	88
147	Comparing protein VEGF inhibitors: In vitro biological studies. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 276-281.	2.1	82
148	Vascular Endothelial Growth Factor Augments Muscle Blood Flow and Function in a Rabbit Model of Chronic Hindlimb Ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 27, 91-98.	1.9	82
149	Efficacy and Concentration-Response of Murine Anti-VEGF Monoclonal Antibody in Tumor-Bearing Mice and Extrapolation to Humans. <i>Toxicologic Pathology</i> , 1999, 27, 14-21.	1.8	81
150	Induction of Bv8 Expression by Granulocyte Colony-stimulating Factor in CD11b+Gr1+ Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 19574-19584.	3.4	76
151	Photoreceptor avascular privilege is shielded by soluble VEGF receptor-1. <i>ELife</i> , 2013, 2, e00324.	6.0	75
152	Comparison of Binding Characteristics and In Vitro Activities of Three Inhibitors of Vascular Endothelial Growth Factor A. <i>Molecular Pharmaceutics</i> , 2014, 11, 3421-3430.	4.6	73
153	Tipifarnib as a Precision Therapy for <i>HRAS</i> -Mutant Head and Neck Squamous Cell Carcinomas. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1784-1796.	4.1	72
154	Characterization and Regulation of Bv8 in Human Blood Cells. <i>Clinical Cancer Research</i> , 2009, 15, 2675-2684.	7.0	71
155	Effects of an Anti-VEGF-A Monoclonal Antibody on Laser-Induced Choroidal Neovascularization in Mice: Optimizing Methods to Quantify Vascular Changes. , 2008, 49, 1178.		70
156	Basic fibroblast growth factor: Expression in cultured cells derived from corneal endothelium and lens epithelium. <i>Experimental Eye Research</i> , 1988, 46, 71-80.	2.6	67
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158	The Prokineticins: Neuromodulators and Mediators of Inflammation and Myeloid Cell-Dependent Angiogenesis. <i>Physiological Reviews</i> , 2018, 98, 1055-1082.	28.8	65
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