Masabumi Shibuya

List of Publications by Year
in descending order

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160 papers	18,922 citations	15466 65 h-index	11581 135 g-index
168 all docs	168 docs citations	168 times ranked	20164 citing authors

#	Article	IF	Citations
1	Vascular Endothelial Growth Factor (VEGF) and Its Receptor (VEGFR) Signaling in Angiogenesis: A Crucial Target for Anti- and Pro-Angiogenic Therapies. Genes and Cancer, 2011, 2, 1097-1105.	0.6	1,074
2	Flt-1 lacking the tyrosine kinase domain is sufficient for normal development and angiogenesis in mice. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9349-9354.	3.3	944
3	Signal transduction by VEGF receptors in regulation of angiogenesis and lymphangiogenesis. Experimental Cell Research, 2006, 312, 549-560.	1.2	910
4	MMP9 induction by vascular endothelial growth factor receptor-1 is involved in lung-specific metastasis. Cancer Cell, 2002, 2, 289-300.	7.7	814
5	The vascular endothelial growth factor (VEGF)/VEGF receptor system and its role under physiological and pathological conditions. Clinical Science, 2005, 109, 227-241.	1.8	775
6	Blocking VEGFR-3 suppresses angiogenic sprouting and vascular network formation. Nature, 2008, 454, 656-660.	13.7	731
7	Role of PlGF in the intra- and intermolecular cross talk between the VEGF receptors Flt1 and Flk1. Nature Medicine, 2003, 9, 936-943.	15.2	699
8	Corneal avascularity is due to soluble VEGF receptor-1. Nature, 2006, 443, 993-997.	13.7	605
9	Vascular endothelial growth factor and its receptor system: physiological functions in angiogenesis and pathological roles in various diseases. Journal of Biochemistry, 2013, 153, 13-19.	0.9	589
10	VEGF activates protein kinase C-dependent, but Ras-independent Raf-MEK-MAP kinase pathway for DNA synthesis in primary endothelial cells. Oncogene, 1999, 18, 2221-2230.	2.6	524
11	Flt-1, vascular endothelial growth factor receptor 1, is a novel cell surface marker for the lineage of monocyte-macrophages in humans. Blood, 2001, 97, 785-791.	0.6	457
12	Structure and Function of VEGF/VEGF-receptor System Involved in Angiogenesis.. Cell Structure and Function, 2001, 26, 25-35.	0.5	452
13	Differential Roles of Vascular Endothelial Growth Factor Receptor-1 and Receptor-2 in Angiogenesis. BMB Reports, 2006, 39, 469-478.	1.1	440
14	A Novel Type of Vascular Endothelial Growth Factor, VEGF-E (NZ-7 VEGF), Preferentially Utilizes KDR/Flk-1 Receptor and Carries a Potent Mitotic Activity without Heparin-binding Domain. Journal of Biological Chemistry, 1998, 273, 31273-31282.	1.6	342
15	Nucleotide sequence of Fujinami sarcoma virus: evolutionary relationship of its transforming gene with transforming genes of other sarcoma viruses. Cell, 1982, 30, 787-795.	13.5	292
16	The 230â€‰kDa mature form of KDR/Flk-1 (VEGF receptor-2) activates the PLC-Î³ pathway and partially induces mitotic signals in NIH3T3 fibroblasts. Oncogene, 1997, 14, 2079-2089.	2.6	278
17	Essential role of Flk-1 (VEGF receptor 2) tyrosine residue 1173 in vasculogenesis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1076-1081.	3.3	278
18	Role of Vegf-Flt Receptor System in Normal and Tumor Angiogenesis. Advances in Cancer Research, 1995, 67, 281-316.	1.9	274

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19	Roles of two VEGF receptors, Flt-1 and KDR, in the signal transduction of VEGF effects in human vascular endothelial cells. Oncogene, 2000, 19, 2138-2146.	2.6	272
20	Mammalian Sprouty4 suppresses Ras-independent ERK activation by binding to Raf1. Nature Cell Biology, 2003, 5, 427-432.	4.6	234
21	Vascular endothelial growth factor-dependent and -independent regulation of angiogenesis. BMB Reports, 2008, 41, 278-286.	1.1	228
22	Structure and dual function of vascular endothelial growth factor receptor-1 (Flt-1). International Journal of Biochemistry and Cell Biology, 2001, 33, 409-420.	1.2	216
23	Expression of vascular endothelial growth factor receptors in smooth muscle cells. Journal of Cellular Physiology, 2001, 188, 359-368.	2.0	198
24	KRN951, a Highly Potent Inhibitor of Vascular Endothelial Growth Factor Receptor Tyrosine Kinases, Has Antitumor Activities and Affects Functional Vascular Properties. Cancer Research, 2006, 66, 9134-9142.	0.4	189
25	Angiotensin II Type 1 Receptorâ€“Induced Extracellular Signalâ€“Regulated Protein Kinase Activation Is Mediated by Ca ²⁺ /Calmodulin-Dependent Transactivation of Epidermal Growth Factor Receptor. Circulation Research, 1998, 82, 1338-1348.	2.0	184
26	Identification and characterization of VEGF-Aâ€“responsive neutrophils expressing CD49d, VEGFR1, and CXCR4 in mice and humans. Blood, 2015, 126, 2016-2026.	0.6	183
27	Distinct vascular endothelial growth factor signals for lymphatic vessel enlargement and sprouting. Journal of Experimental Medicine, 2007, 204, 1431-1440.	4.2	167
28	Signaling of vascular endothelial growth factor receptor-1 tyrosine kinase promotes rheumatoid arthritis through activation of monocytes/macrophages. Blood, 2006, 108, 1849-1856.	0.6	157
29	The Lysine 831 of Vascular Endothelial Growth Factor Receptor 1 Is a Novel Target of Methylation by SMYD3. Cancer Research, 2007, 67, 10759-10765.	0.4	150
30	PlGF Blockade Does Not Inhibit Angiogenesis during Primary Tumor Growth. Cell, 2010, 141, 166-177.	13.5	145
31	Flt-1 Signaling in Macrophages Promotes Glioma Growth In vivo. Cancer Research, 2008, 68, 7342-7351.	0.4	144
32	Soluble FLT1 Binds Lipid Microdomains in Podocytes to Control Cell Morphology and Glomerular Barrier Function. Cell, 2012, 151, 384-399.	13.5	144
33	VEGF-VEGFR Signals in Health and Disease. Biomolecules and Therapeutics, 2014, 22, 1-9.	1.1	139
34	Vascular Endothelial Growth Factor Is Necessary in the Development of Arteriosclerosis by Recruiting/Activating Monocytes in a Rat Model of Long-Term Inhibition of Nitric Oxide Synthesis. Circulation, 2002, 105, 1110-1115.	1.6	137
35	A Deletion Mutation within the Ligand Binding Domain Is Responsible for Activation of Epidermal Growth Factor Receptor Gene in Human Brain Tumors. Japanese Journal of Cancer Research, 1990, 81, 773-779.	1.7	136
36	Mapping of the Sites Involved in Ligand Association and Dissociation at the Extracellular Domain of the Kinase Insert Domain-containing Receptor for Vascular Endothelial Growth Factor. Journal of Biological Chemistry, 1998, 273, 31283-31288.	1.6	135

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37	A cAMP Response Element and an Ets Motif Are Involved in the Transcriptional Regulation of flt-1 Tyrosine Kinase (Vascular Endothelial Growth Factor Receptor 1) Gene. Journal of Biological Chemistry, 1996, 271, 30823-30828.	1.6	131
38	Blockade of Vascular Endothelial Growth Factor Suppresses Experimental Restenosis After Intraluminal Injury by Inhibiting Recruitment of Monocyte Lineage Cells. Circulation, 2004, 110, 2444-2452.	1.6	128
39	VEGFR1 Tyrosine Kinase Signaling Promotes Lymphangiogenesis as Well as Angiogenesis Indirectly via Macrophage Recruitment. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 658-664.	1.1	120
40	The Phosphorylated 1169-Tyrosine Containing Region of Flt-1 Kinase (VEGFR-1) Is a Major Binding Site for PLCÎ³. Biochemical and Biophysical Research Communications, 1997, 238, 487-491.	1.0	119
41	A Hypoxia-Driven Vascular Endothelial Growth Factor/Flt1 Autocrine Loop Interacts with Hypoxia-Inducible Factor-1Î± through Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase 1/2 Pathway in Neuroblastoma. Cancer Research, 2005, 65, 7267-7275.	0.4	119
42	Novel Role for Vascular Endothelial Growth Factor (VEGF) Receptor-1 and Its Ligand VEGF-B in Motor Neuron Degeneration. Journal of Neuroscience, 2008, 28, 10451-10459.	1.7	119
43	Vascular Endothelial Growth Factor (VEGF)-Receptor2: Its Biological Functions, Major Signaling Pathway, and Specific Ligand VEGF-E. Endothelium: Journal of Endothelial Cell Research, 2006, 13, 63-69.	1.7	116
44	Vascular endothelial growth factor receptor-2: Its unique signaling and specific ligand, VEGF-E. Cancer Science, 2003, 94, 751-756.	1.7	113
45	Sustained inflammation after pericyte depletion induces irreversible blood-retina barrier breakdown. JCI Insight, 2017, 2, e90905.	2.3	113
46	Mammary carcinoma cells over-expressing tissue inhibitor of metalloproteinases-1show vascular endothelial growth factor expression. , 1998, 75, 81-87.		111
47	Germ-line and somatic mutations of the APC gene in patients with turcot syndrome and analysis of APC mutations in brain tumors. Genes Chromosomes and Cancer, 1994, 9, 168-172.	1.5	109
48	PlGF/VEGFR-1 Signaling Promotes Macrophage Polarization and Accelerated Tumor Progression in Obesity. Clinical Cancer Research, 2016, 22, 2993-3004.	3.2	109
49	VEGF receptor 1 signaling is essential for osteoclast development and bone marrow formation in colony-stimulating factor 1-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14016-14021.	3.3	108
50	VEGF-VEGFR System as a Target for Suppressing Inflammation and other Diseases. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2015, 15, 135-144.	0.6	104
51	Properties of Two VEGF Receptors, Fltâ€1 and KDR, in Signal Transduction^a. Annals of the New York Academy of Sciences, 2000, 902, 201-207.	1.8	103
52	RACK1 Regulates VEGF/Flt1-mediated Cell Migration via Activation of a PI3K/Akt Pathway. Journal of Biological Chemistry, 2011, 286, 9097-9106.	1.6	95
53	A Novel Snake Venom Vascular Endothelial Growth Factor (VEGF) Predominantly Induces Vascular Permeability through Preferential Signaling via VEGF Receptor-1. Journal of Biological Chemistry, 2004, 279, 46304-46314.	1.6	92
54	Rationale for Antiangiogenic Cancer Therapy with Vaccination Using Epitope Peptides Derived from Human Vascular Endothelial Growth Factor Receptor 2. Cancer Research, 2005, 65, 4939-4946.	0.4	91

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55	Vascular Endothelial Growth Factor Receptor-1 Signaling Promotes Mobilization of Macrophage Lineage Cells from Bone Marrow and Stimulates Solid Tumor Growth. Cancer Research, 2010, 70, 8211-8221.	0.4	85
56	VEGFR and Type-V RTK Activation and Signaling. Cold Spring Harbor Perspectives in Biology, 2013, 5, a009092-a009092.	2.3	83
57	Genomic organization of the flt-1 gene encoding for Vascular Endothelial Growth Factor (VEGF) Receptor-1 suggests an intimate evolutionary relationship between the 7-Ig and the 5-Ig tyrosine kinase receptors. Gene, 1998, 208, 297-305.	1.0	82
58	VEGFR-2-specific ligand VEGF-E induces non-edematous hyper-vascularization in mice. Biochemical and Biophysical Research Communications, 2003, 301, 371-377.	1.0	82
59	Inhibition of Histone Demethylase JMJD1A Improves Anti-Angiogenic Therapy and Reduces Tumor-Associated Macrophages. Cancer Research, 2013, 73, 3019-3028.	0.4	82
60	Essential Role of Vascular Endothelial Growth Factor and Flt-1 Signals in Neointimal Formation After Periadventitial Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2284-2289.	1.1	81
61	Brain angiogenesis in developmental and pathological processes: therapeutic aspects of vascular endothelial growth factor. FEBS Journal, 2009, 276, 4636-4643.	2.2	76
62	Membrane Fixation of Vascular Endothelial Growth Factor Receptor 1 Ligand-Binding Domain Is Important for Vasculogenesis and Angiogenesis in Mice. Molecular and Cellular Biology, 2005, 25, 346-354.	1.1	75
63	Photoreceptor avascular privilege is shielded by soluble VEGF receptor-1. ELife, 2013, 2, e00324.	2.8	75
64	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. Scientific Reports, 2017, 7, 3855.	1.6	73
65	A variant of nuclear localization signal of bipartite-type is required for the nuclear translocation of hypoxia inducible factors (1Î±, 2Î± and 3Î±). Oncogene, 2001, 20, 1435-1444.	2.6	72
66	Vascular Endothelial Growth Factor A (VEGF-A) Is Involved in Guidance of VEGF Receptor-Positive Cells to the Anterior Portion of Early Embryos. Molecular and Cellular Biology, 2005, 25, 355-363.	1.1	72
67	Increased expression of histone demethylase JHDM1D under nutrient starvation suppresses tumor growth via down-regulating angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20725-20729.	3.3	69
68	Induction of tube formation by angiopoietin-1 in endothelial cell/fibroblast co-culture is dependent on endogenous VEGF. Cancer Science, 2003, 94, 782-790.	1.7	68
69	Grb-2â€“associated binder 1 (Gab1) regulates postnatal ischemic and VEGF-induced angiogenesis through the protein kinase Aâ€“endothelial NOS pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2957-2962.	3.3	66
70	Characterization of the Extracellular Domain in Vascular Endothelial Growth Factor Receptor-1 (Flt-1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	62
71	Soluble FLT-1 expression suppresses carcinomatous ascites in nude mice bearing ovarian cancer. Cancer Research, 2002, 62, 2019-23.	0.4	60
72	Nox1 regulates apoptosis and potentially stimulates branching morphogenesis in sinusoidal endothelial cells. Experimental Cell Research, 2004, 300, 455-462.	1.2	56

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73	Tumor Necrosis Factor and Vascular Endothelial Growth Factor Induce Endothelial Integrin Repertories, Regulating Endovascular Differentiation and Apoptosis in a Human Extravillous Trophoblast Cell Line1. Biology of Reproduction, 2005, 73, 172-179.	1.2	54
74	Soluble Flt-1 (Soluble VEGFR-1), a Potent Natural Antiangiogenic Molecule in Mammals, Is Phylogenetically Conserved in Avians. Biochemical and Biophysical Research Communications, 2002, 291, 554-559.	1.0	53
75	Bone Morphogenetic Protein 4 Mediates Apoptosis of Capillary Endothelial Cells during Rat Pupillary Membrane Regression. Molecular and Cellular Biology, 2003, 23, 4627-4636.	1.1	53
76	Novel antiangiogenic pathway of thrombospondin-1 mediated by suppression of the cell cycle. Cancer Science, 2007, 98, 1491-1497.	1.7	53
77	Vascular Endothelial Growth Factor (VEGF) Receptor-2 Tyrosine 1175 Signaling Controls VEGF-induced von Willebrand Factor Release from Endothelial Cells via Phospholipase C-Î³1- and Protein Kinase A-dependent Pathways. Journal of Biological Chemistry, 2009, 284, 23217-23224.	1.6	53
78	Flt-1, a receptor for vascular endothelial growth factor, has transforming and morphogenic potentials. Oncogene, 1998, 16, 2585-2595.	2.6	52
79	Involvement of Flt-1 (VEGF receptor-1) in cancer and preeclampsia. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2011, 87, 167-178.	1.6	51
80	Vascular Endothelial Growth Factor Receptor-1 Signaling Promotes Liver Repair through Restoration of Liver Microvasculature after Acetaminophen Hepatotoxicity. Toxicological Sciences, 2011, 120, 218-229.	1.4	51
81	Vascular Endothelial Growth Factor Receptor TypeÂ1 Signaling Prevents Delayed Wound Healing in Diabetes by Attenuating the Production of IL-1Î²ÂbyÂRecruited Macrophages. American Journal of Pathology, 2016, 186, 1481-1498.	1.9	49
82	Vascular Endothelial Growth Factor Receptor-1 Regulates Postnatal Angiogenesis Through Inhibition of the Excessive Activation of Akt. Circulation Research, 2008, 103, 261-268.	2.0	48
83	The effects of VEGF-R1 and VEGF-R2 ligands on angiogenic responses and left ventricular function in mice. Cardiovascular Research, 2010, 86, 122-130.	1.8	47
84	Neuronal FLT1 receptor and its selective ligand VEGFâ€B protect against retrograde degeneration of sensory neurons. FASEB Journal, 2011, 25, 1461-1473.	0.2	45
85	Structural abnormality and over-expression of themyc gene in feline leukemias. International Journal of Cancer, 1987, 40, 564-569.	2.3	44
86	Involvement of VEGF and its receptors in ascites tumor formation. Cancer Chemotherapy and Pharmacology, 1999, 43, S72-S77.	1.1	40
87	A Set of Loop-1 and -3 Structures in the Novel Vascular Endothelial Growth Factor (VEGF) Family Member, VEGF-ENZ-7, Is Essential for the Activation of VEGFR-2 Signaling. Journal of Biological Chemistry, 2003, 278, 13453-13461.	1.6	40
88	Chimeric VEGF-ENZ7/PlGF Promotes Angiogenesis Via VEGFR-2 Without Significant Enhancement of Vascular Permeability and Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2019-2026.	1.1	40
89	Construction and characterization of the two hybrid ColEl plasmids carryingEscherichia coli tufBgene. FEBS Letters, 1979, 102, 207-210.	1.3	39
90	Tyrosine Kinase Receptor Flt/VEGFR Family: Its Characterization Related to Angiogenesis and Cancer. Genes and Cancer, 2010, 1, 1119-1123.	0.6	39

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91	Transcription of the E. coli tufB gene: Cotranscription with four tRNA genes and inhibition by guanosine-5â€²-diphosphate-3â€²-diphosphate. Molecular Genetics and Genomics, 1981, 183, 13-19.	2.4	38
92	Chimeric VEGF-ENZ7/PlGF Specifically Binding to VEGFR-2 Accelerates Skin Wound Healing via Enhancement of Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 503-511.	1.1	38
93	VEGF Receptor 1-Expressing Macrophages Recruited from Bone Marrow Enhances Angiogenesis in Endometrial Tissues. Scientific Reports, 2019, 9, 7037.	1.6	37
94	Virally activated ras cooperates with integrin to induce tubulogenesis in sinusoidal endothelial cell lines. Journal of Cellular Physiology, 1998, 176, 223-234.	2.0	35
95	VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 765-770.	1.1	35
96	Vascular Endothelial Growth Factor Receptor Family Genes: When Did the Three Genes Phylogenetically Segregate?. Biological Chemistry, 2002, 383, 1573-1579.	1.2	34
97	HIF-2Î±, but not HIF-1Î±, mediates hypoxia-induced up-regulation of Flt-1 gene expression in placental trophoblasts. Scientific Reports, 2018, 8, 17375.	1.6	34
98	Inhibition of choroidal neovascularization by blocking vascular endothelial growth factor receptor tyrosine kinase. Japanese Journal of Ophthalmology, 2008, 52, 91-98.	0.9	33
99	VEGFR1-Positive Macrophages Facilitate Liver Repair and Sinusoidal Reconstruction after Hepatic Ischemia/Reperfusion Injury. PLoS ONE, 2014, 9, e105533.	1.1	33
100	Hypoxia and lowâ€nutrition double stress induces aggressiveness in a murine model of melanoma. Cancer Science, 2009, 100, 844-851.	1.7	32
101	Clotrimazole, an Imidazole Antimycotic, Is a Potent Inhibitor of Angiogenesis. Japanese Journal of Cancer Research, 1998, 89, 445-451.	1.7	30
102	Ligandâ€independent activation of vascular endothelial growth factor receptor 1 by lowâ€density lipoprotein. EMBO Reports, 2007, 8, 1155-1161.	2.0	30
103	Chapter 13 VEGF Receptor Signal Transduction. Methods in Enzymology, 2008, 443, 261-284.	0.4	30
104	The mechanisms of hepatic sinusoidal endothelial cell regeneration: A possible communication system associated with vascular endothelial growth factor in liver cells. Journal of Gastroenterology and Hepatology (Australia), 1998, 13, S1-S5.	1.4	29
105	Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. Cell Reports, 2019, 29, 89-103.e7.	2.9	29
106	Mycâ€dependent endothelial proliferation isÂcontrolled by phosphotyrosine 1212 in <scp>VEGF</scp> Âreceptorâ€2. EMBO Reports, 2019, 20, e47845.	2.0	27
107	The Role of Vascular Endothelial Growth Factor Receptor-1 Signaling in the Recovery from Ischemia. PLoS ONE, 2015, 10, e0131445.	1.1	27
108	Adventitial gene transfer of VEGFR-2 specific VEGF-E chimera induces MCP-1 expression in vascular smooth muscle cells and enhances neointimal formation. Atherosclerosis, 2011, 219, 84-91.	0.4	26

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109	Downregulation of receptor for activated Câ€kinase 1 (RACK1) suppresses tumor growth by inhibiting tumor cell proliferation and tumorâ€associated angiogenesis. Cancer Science, 2011, 102, 2007-2013.	1.7	26
110	Involvement of MAP Kinase-Independent Protein Kinase C Signaling Pathway in the EGF-Induced p21(WAF1/Cip1) Expression and Growth Inhibition of A431 Cells. Biochemical and Biophysical Research Communications, 1998, 250, 430-435.	1.0	25
111	Leukotriene B₄typeâ€1 receptor signaling promotes liver repair after hepatic ischemia/reperfusion injury through the enhancement of macrophage recruitment. FASEB Journal, 2013, 27, 3132-3143.	0.2	24
112	Therapeutic Angiogenesis Using Novel Vascular Endothelial Growth Factor-E/Human Placental Growth Factor Chimera Genes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 99-105.	1.1	23
113	Thromboxane A₂induces blood flow recovery via platelet adhesion to ischaemic regions. Cardiovascular Research, 2015, 107, 509-521.	1.8	23
114	Characterization of the Promoter Region forflt-1Tyrosine Kinase Gene, A Receptor for Vascular Ehdothelial Growth Factor. Growth Factors, 1996, 13, 151-162.	0.5	22
115	The Novel Pathogenesis of Retinopathy Mediated by Multiple RTK Signals is Uncovered in Newly Developed Mouse Model. EBioMedicine, 2018, 31, 190-201.	2.7	22
116	Targeting cancer cells resistant to hypoxia and nutrient starvation to improve anti-angiogeneic therapy. Cell Cycle, 2013, 12, 2519-2520.	1.3	21
117	The role of vascular endothelial growth factor receptor 1 tyrosine kinase signaling in bleomycin-induced pulmonary fibrosis. Biomedicine and Pharmacotherapy, 2019, 117, 109067.	2.5	21
118	Undetectablebcr-abl rearrangements in some CML patients are due to a deletion mutation in thebcr gene. American Journal of Hematology, 1988, 28, 33-36.	2.0	20
119	In situ localization of male germ cell-associated kinase (mak) mRNA in adult mouse testis: Specific expression in germ cells at stages around meiotic cell division. Cell Biochemistry and Function, 1992, 10, 273-279.	1.4	20
120	Deletion of the ABL SH3 domain reactivates de-oligomerized BCR-ABL for growth factor independence. FEBS Letters, 1996, 379, 244-246.	1.3	20
121	Lymphangiogenesis induced by vascular endothelial growth factor receptor 1 signaling contributes to the progression of endometriosis in mice. Journal of Pharmacological Sciences, 2020, 143, 255-263.	1.1	18
122	The Overexpression of PKCÎ´ Is Involved in Vascular Endothelial Growth Factor-Resistant Apoptosis in Cultured Primary Sinusoidal Endothelial Cells. Biochemical and Biophysical Research Communications, 2001, 280, 415-420.	1.0	16
123	Inhibition of epidermal growth factor receptor functions by tyrosine kinase inhibitors in NIH3T3 cells. FEBS Letters, 1992, 314, 289-292.	1.3	15
124	Dynamic regulation of gene expression by the Flt-1 kinase and Matrigel in endothelial tubulogenesis. Genomics, 2004, 84, 185-192.	1.3	15
125	Absence of VEGFRâ€1/Fltâ€1 signaling pathway in mice results in insensitivity to discogenic low back pain in an established disc injury mouse model. Journal of Cellular Physiology, 2020, 235, 5305-5317.	2.0	15
126	The guanine nucleotide exchange factor Vav3 regulates differentiation of progenitor cells in the developing mouse retina. Cell and Tissue Research, 2015, 359, 423-440.	1.5	14

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127	Tumorigenicity depends on angiogenic potential of tumor cells: dominant role of vascular endothelial growth factor and/or fibroblast growth factors produced by tumor cells. Angiogenesis, 1998, 2, 57-66.	3.7	13
128	Growth inhibition of AML cells with specific chromosome abnormalities by monoclonal antibodies to receptors for vascular endothelial growth factor. Leukemia Research, 2009, 33, 1650-1657.	0.4	13
129	Vascular endothelial growth factor receptor-1 (VEGFR-1) signaling enhances angiogenesis in a surgical sponge model.. Biomedicine and Pharmacotherapy, 2016, 78, 140-149.	2.5	12
130	Vascular endothelial growth factor receptor 1 tyrosine kinase signaling facilitates healing of DSS-induced colitis by accumulation of Tregs in ulcer area. Biomedicine and Pharmacotherapy, 2019, 111, 131-141.	2.5	11
131	Production of an anti-angiogenic factor sFLT1 is suppressed via promoter hypermethylation of FLT1 gene in choriocarcinoma cells. BMC Cancer, 2020, 20, 112.	1.1	11
132	Co-amplification ofc-mycandc-erbB-2Oncogenes in a Poorly Differentiated Human Gastric Cancer. Japanese Journal of Cancer Research, 1989, 80, 920-923.	1.7	10
133	Molecular Basis of Angiogenesis. Ensho Saisei, 2004, 24, 144-153.	0.2	9
134	Unique signal transduction of the VEGF family members VEGF-A and VEGF-E. Biochemical Society Transactions, 2009, 37, 1161-1166.	1.6	8
135	Dysregulation of Amphiregulin stimulates the pathogenesis of cystic lymphangioma. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
136	The RNA Aptamer Inhibiting Human Vesicular Endothelial Growth Factor Receptor 1 without Affecting Cytokine Binding. Biochemistry, 2013, 52, 2274-2279.	1.2	7
137	Vascular endothelial growth factor receptor 1 (VEGFR1) tyrosine kinase signaling facilitates granulation tissue formation with recruitment of VEGFR1+ cells from bone marrow. Anatomical Science International, 2018, 93, 372-383.	0.5	7
138	Flt1/VEGFR1 heterozygosity causes transient embryonic edema. Scientific Reports, 2016, 6, 27186.	1.6	6
139	Hypoxia-inducible factor-1Î² is essential for upregulation of the hypoxia-induced FLT1 gene in placental trophoblasts. Molecular Human Reproduction, 2021, 27, .	1.3	6
140	Vascular Endothelial Growth Factor Expression in the Rat Uterus and Placenta throughout Pregnancy.. Acta Histochemica Et Cytochemica, 1998, 31, 419-426.	0.8	5
141	Vascular Permeability/Vascular Endothelial Growth Factor. , 2008, , 89-98.		5
142	Vascular Endothelial Growth Factor Receptor Family in Ascidians, Halocynthia roretzi (Sea Squirt). Its High Expression in Circulatory System-Containing Tissues. International Journal of Molecular Sciences, 2013, 14, 4841-4853.	1.8	4
143	Endothelial Gab1 deficiency aggravates splenomegaly in portal hypertension independent of angiogenesis. American Journal of Physiology - Renal Physiology, 2015, 308, G416-G426.	1.6	4
144	New anti-cancer chemicals Ertredin and its derivatives, regulate oxidative phosphorylation and glycolysis and suppress sphere formation in vitro and tumor growth in EGFRvIII-transformed cells. BMC Cancer, 2016, 16, 496.	1.1	4

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145	A simple detection method for the serum sFLT1 protein in preeclampsia. Scientific Reports, 2021, 11, 20613.	1.6	4
146	Mammary carcinoma cells overâ€expressing tissue inhibitor of metalloproteinasesâ€1show vascular endothelial growth factor expression. International Journal of Cancer, 1998, 75, 81-87.	2.3	3
147	Establishment and characterization of a novel VEGFâ€producing HHVâ€8â€unrelated PELâ€like lymphoma cell line, OGU1. European Journal of Haematology, 2016, 96, 144-151.	1.1	2
148	Involvement of vascular endothelial growth factor receptor-1 in rheumatoid arthritis. Inflammation and Regeneration, 2008, 28, 78-85.	1.5	2
149	Alterations of Mouse Proto-oncogenes in Sarcomas Induced after Transplantation of Human Tumors in Athymic Nude Mice. Japanese Journal of Cancer Research, 1990, 81, 333-339.	1.7	1
150	Establishment of a Human Small Cell Lung Carcinoma Cell Line Carrying Amplification of c-mycGene and Chromosomal Translocation of t(3p;6p) and t(12q;17p). Japanese Journal of Cancer Research, 1993, 84, 355-359.	1.7	1
151	VEGF-A selectively inhibits FLT1 ectodomain shedding independent of receptor activation and receptor endocytosis. American Journal of Physiology - Cell Physiology, 2018, 315, C214-C224.	2.1	1
152	Professor Hidesaburo Hanafusa: A 50-Year Quest for the Molecular Basis of Cancer. Journal of Biochemistry, 2009, 146, 3-5.	0.9	0
153	Identification and Characterization of Hemoangiogenic Progenitors during Cynomolgus Monkey ES Cell Differentiation.. Blood, 2004, 104, 3222-3222.	0.6	0
154	Sequential Analysis of the Î±- and Î²-Globin Gene Expressions during Erythropoietic Differentiation from Primate ES Cells.. Blood, 2005, 106, 1744-1744.	0.6	0
155	Î±4-Integrin+ Endothelium Derived from Primate Embryonic Stem Cells Generates Both Primitive and Definitive Hematopoietic Cells.. Blood, 2006, 108, 683-683.	0.6	0
156	Different Kinetics and Function of Vascular Endothelial Growth Factor Recepotor-1 and â^'2 during Hemangioblast Development from Primate Embryonic Stem Cells.. Blood, 2006, 108, 3920-3920.	0.6	0
157	A Novel Endothelial Growth Factor VEGF and Its Receptor. Japanese Journal of Thrombosis and Hemostasis, 1996, 7, 96-101.	0.1	0
158	How do endothelial cells form vascular structure in vitro?. The Journal of Japan Atherosclerosis Society, 1998, 25, 383-387.	0.0	0
159	VEGFR1-TK signaling protects exacerbation of dextran sulfate sodium-induced colitis in mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-5-31.	0.0	0
160	Effect of Age on the Prognosis of Molecular Abnormalities in Pediatric Acute Myeloid Leukemia. Blood, 2018, 132, 1506-1506.	0.6	0