Nader Rahimi

List of Publications by Year
in descending order

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Version: 2024-02-01

71	3,806	109321	133252
papers	citations	35 h-index	59 g-index

79	79	79	5683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Adaptor Protein Shb Binds to Tyrosine 1175 in Vascular Endothelial Growth Factor (VEGF) Receptor-2 and Regulates VEGF-dependent Cellular Migration. Journal of Biological Chemistry, 2004, 279, 22267-22275.	3.4	225
2	COVID-19, Renin-Angiotensin System and Endothelial Dysfunction. Cells, 2020, 9, 1652.	4.1	210
3	Receptor Chimeras Indicate That the Vascular Endothelial Growth Factor Receptor-1 (VEGFR-1) Modulates Mitogenic Activity of VEGFR-2 in Endothelial Cells. Journal of Biological Chemistry, 2000, 275, 16986-16992.	3.4	202
4	VEGFR-1 and VEGFR-2: two non-identical twins with a unique physiognomy. Frontiers in Bioscience - Landmark, 2006, 11, 11.	3.0	170
5	CD209L/L-SIGN and CD209/DC-SIGN Act as Receptors for SARS-CoV-2. ACS Central Science, 2021, 7, 1156-1165.	11.3	165
6	Identification of Tyrosine Residues in Vascular Endothelial Growth Factor Receptor-2/FLK-1 Involved in Activation of Phosphatidylinositol 3-Kinase and Cell Proliferation. Journal of Biological Chemistry, 2001, 276, 17686-17692.	3.4	151
7	c-Src Kinase Activity Is Required for Hepatocyte Growth Factor-induced Motility and Anchorage-independent Growth of Mammary Carcinoma Cells. Journal of Biological Chemistry, 1998, 273, 33714-33721.	3.4	144
8	Vascular Endothelial Growth Factor and Hepatocyte Growth Factor Levels Are Differentially Elevated in Patients with Advanced Retinopathy of Prematurity. American Journal of Pathology, 2000, 156, 1337-1344.	3.8	125
9	Role of Hepatocyte Growth Factor in Breast Cancer: A Novel Mitogenic Factor Secreted by Adipocytes. DNA and Cell Biology, 1994, 13, 1189-1197.	1.9	97
10	Heparan Sulfate Proteoglycans Function as Receptors for Fibroblast Growth Factor-2 Activation of Extracellular Signalâ€“Regulated Kinases 1 and 2. Circulation Research, 2004, 94, 316-323.	4.5	89
11	Vascular endothelial growth factor receptors: Molecular mechanisms of activation and therapeutic potentials. Experimental Eye Research, 2006, 83, 1005-1016.	2.6	86
12	IQGAP1-Dependent Signaling Pathway Regulates Endothelial Cell Proliferation and Angiogenesis. PLoS ONE, 2008, 3, e3848.	2.5	85
13	PEST Motif Serine and Tyrosine Phosphorylation Controls Vascular Endothelial Growth Factor Receptor 2 Stability and Downregulation. Molecular and Cellular Biology, 2011, 31, 2010-2025.	2.3	83
14	C-type Lectin CD209L/L-SIGN and CD209/DC-SIGN: Cell Adhesion Molecules Turned to Pathogen Recognition Receptors. Biology, 2021, 10, 1.	2.8	81
15	A Single Amino Acid Substitution in the Activation Loop Defines the Decoy Characteristic of VEGFR-1/FLT-1. Journal of Biological Chemistry, 2006, 281, 867-875.	3.4	78
16	Defenders and Challengers of Endothelial Barrier Function. Frontiers in Immunology, 2017, 8, 1847.	4.8	75
17	Extracellular vimentin is an attachment factor that facilitates SARS-CoV-2 entry into human endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	75
18	The Carboxyl Terminus of VEGFR-2 Is Required for PKC-mediated Down-Regulation. Molecular Biology of the Cell, 2005, 16, 2106-2118.	2.1	72

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19	Recruitment and Activation of Phospholipase CÎ³1 by Vascular Endothelial Growth Factor Receptor-2 Are Required for Tubulogenesis and Differentiation of Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 16347-16355.	3.4	70
20	Identification of Ligand-Induced Proteolytic Cleavage and Ectodomain Shedding of VEGFR-1/FLT1 in Leukemic Cancer Cells. Cancer Research, 2009, 69, 2607-2614.	0.9	67
21	The Ubiquitin-Proteasome System Meets Angiogenesis. Molecular Cancer Therapeutics, 2012, 11, 538-548.	4.1	67
22	Glycosylation in the Tumor Microenvironment: Implications for Tumor Angiogenesis and Metastasis. Cells, 2019, 8, 544.	4.1	64
23	A critical role for the E3-ligase activity of c-Cbl in VEGFR-2-mediated PLCÂ1 activation and angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5413-5418.	7.1	61
24	A Role for Cadherin-5 in Regulation of Vascular Endothelial Growth Factor Receptor 2 Activity in Endothelial Cells. Molecular Biology of the Cell, 1999, 10, 3401-3407.	2.1	60
25	Identification of IGPR-1 as a novel adhesion molecule involved in angiogenesis. Molecular Biology of the Cell, 2012, 23, 1646-1656.	2.1	52
26	Phosphatidylinositol 3-Kinase Activity Is Required for Hepatocyte Growth Factor-induced Mitogenic Signals in Epithelial Cells. Journal of Biological Chemistry, 1996, 271, 24850-24855.	3.4	50
27	Two FGF Receptor Kinase Molecules Act in Concert to Recruit and Transphosphorylate Phospholipase CÎ³. Molecular Cell, 2016, 61, 98-110.	9.7	48
28	c-Cbl, a Ubiquitin E3 Ligase That Targets Active Î²-Catenin. Journal of Biological Chemistry, 2013, 288, 23505-23517.	3.4	47
29	Autocrine secretion of TGF-Î²1 and TGF-Î²2 by pre-adipocytes and adipocytes: A potent negative regulator of adipocyte differentiation and proliferation of mammary carcinoma cells. In Vitro Cellular and Developmental Biology - Animal, 1998, 34, 412-420.	1.5	46
30	The Presence of a Single Tyrosine Residue at the Carboxyl Domain of Vascular Endothelial Growth Factor Receptor-2/FLK-1 Regulates Its Autophosphorylation and Activation of Signaling Molecules. Journal of Biological Chemistry, 2002, 277, 27081-27087.	3.4	46
31	Emerging roles of postâ€translational modifications in signal transduction and angiogenesis. Proteomics, 2015, 15, 300-309.	2.2	44
32	Hypoxia-induced expression of phosducin-like 3 regulates expression of VEGFR-2 and promotes angiogenesis. Angiogenesis, 2015, 18, 449-462.	7.2	42
33	Comparative Structureâ€Function Analysis of VEGFRâ€1 and VEGFRâ€2. Annals of the New York Academy of Sciences, 2003, 995, 200-207.	3.8	40
34	c-Cbl targets PD-1 in immune cells for proteasomal degradation and modulates colorectal tumor growth. Scientific Reports, 2019, 9, 20257.	3.3	40
35	Lysine Methylation Promotes VEGFR-2 Activation and Angiogenesis. Science Signaling, 2013, 6, ra104.	3.6	39
36	Site-Specific N-Glycosylation of Endothelial Cell Receptor Tyrosine Kinase VEGFR-2. Journal of Proteome Research, 2017, 16, 677-688.	3.7	39

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37	The c-Cbl Ubiquitin Ligase Regulates Nuclear Î²-Catenin and Angiogenesis by Its Tyrosine Phosphorylation Mediated through the Wnt Signaling Pathway. Journal of Biological Chemistry, 2015, 290, 12537-12546.	3.4	37
38	N-Glycosylation regulates ligand-dependent activation and signaling of vascular endothelial growth factor receptor 2 (VEGFR2). Journal of Biological Chemistry, 2019, 294, 13117-13130.	3.4	37
39	Fibronectin Fibrils and Growth Factors Stimulate Anchorage-Independent Growth of a Murine Mammary Carcinoma. Experimental Cell Research, 1996, 222, 360-369.	2.6	32
40	Identification of PDCL3 as a Novel Chaperone Protein Involved in the Generation of Functional VEGF Receptor 2. Journal of Biological Chemistry, 2013, 288, 23171-23181.	3.4	31
41	TMIGD1 Is a Novel Adhesion Molecule That Protects Epithelial Cells from Oxidative Cell Injury. American Journal of Pathology, 2015, 185, 2757-2767.	3.8	31
42	Substitution of C-terminus of VEGFR-2 with VEGFR-1 promotes VEGFR-1 activation and endothelial cell proliferation. Oncogene, 2004, 23, 5523-5531.	5.9	28
43	c-Cbl Expression Correlates with Human Colorectal Cancer Survival and Its Wnt/Î²-Catenin Suppressor Function Is Regulated by Tyr371 Phosphorylation. American Journal of Pathology, 2018, 188, 1921-1933.	3.8	25
44	c-Cbl mediates the degradation of tumorigenic nuclear Î²-catenin contributing to the heterogeneity in Wnt activity in colorectal tumors. Oncotarget, 2016, 7, 71136-71150.	1.8	25
45	c-Cbl inhibits angiogenesis and tumor growth by suppressing activation of PLCÎ³1. Oncogene, 2011, 30, 2198-2206.	5.9	23
46	IGPR-1 Is Required for Endothelial Cellâ€“Cell Adhesion and Barrier Function. Journal of Molecular Biology, 2016, 428, 5019-5033.	4.2	23
47	Tryptophan metabolites suppress the Wnt pathway and promote adverse limb events in chronic kidney disease. Journal of Clinical Investigation, 2022, 132, .	8.2	23
48	The Carboxyl Terminus Controls Ligand-dependent Activation of VEGFR-2 and Its Signaling. Journal of Biological Chemistry, 2004, 279, 735-742.	3.4	22
49	Distinct Activation of Epidermal Growth Factor Receptor by UTP Contributes to Epithelial Cell Wound Repair. American Journal of Pathology, 2011, 178, 1092-1105.	3.8	21
50	TMIGD1 acts as a tumor suppressor through regulation of p21Cip1/p27Kip1 in renal cancer. Oncotarget, 2018, 9, 9672-9684.	1.8	20
51	The cell adhesion molecule IGPR-1 is activated by and regulates responses of endothelial cells to shear stress. Journal of Biological Chemistry, 2019, 294, 13671-13680.	3.4	19
52	A role for protein ubiquitination in VEGFR-2 signalling and angiogenesis. Biochemical Society Transactions, 2009, 37, 1189-1192.	3.4	18
53	<scp>RNF121</scp> Inhibits Angiogenic Growth Factor Signaling by Restricting Cell Surface Expression of <scp>VEGFR</scp>â€². Traffic, 2016, 17, 289-300.	2.7	18
54	Role of c-Cblâ€“Dependent Regulation of Phospholipase CÎ³1 Activation in Experimental Choroidal Neovascularization. , 2010, 51, 6803.		17

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55	Endothelial Cell-specific Chemotaxis Receptor (ECSCR) Enhances Vascular Endothelial Growth Factor (VEGF) Receptor-2/Kinase Insert Domain Receptor (KDR) Activation and Promotes Proteolysis of Internalized KDR*. Journal of Biological Chemistry, 2013, 288, 10265-10274.	3.4	15
56	MINAR1 is a Notch2-binding protein that inhibits angiogenesis and breast cancer growth. Journal of Molecular Cell Biology, 2018, 10, 195-204.	3.3	14
57	Targeting Receptor Tyrosine Kinases and Their Downstream Signaling with Cellâ€Penetrating Peptides in Human Pulmonary Artery Smooth Muscle and Endothelial Cells. Chemical Biology and Drug Design, 2015, 85, 586-597.	3.2	13
58	Transmembrane and Immunoglobulin Domain Containing 1, a Putative Tumor Suppressor, Induces G2/M Cell Cycle Checkpoint Arrest in Colon Cancer Cells. American Journal of Pathology, 2021, 191, 157-167.	3.8	13
59	Hepatocyte Growth Factor (HGF) Is a Copper-Binding Protein: A Facile Probe for Purification of HGF by Immobilized Cu(II)-Affinity Chromatography. Protein Expression and Purification, 1996, 7, 329-333.	1.3	10
60	NEDD4 regulates ubiquitination and stability of the cell adhesion molecule IGPR-1 via lysosomal pathway. Journal of Biomedical Science, 2021, 28, 35.	7.0	10
61	The cell adhesion molecule TMIGD1 binds to moesin and regulates tubulin acetylation and cell migration. Journal of Biomedical Science, 2021, 28, 61.	7.0	9
62	Haploinsufficiency of Casitas B-Lineage Lymphoma Augments the Progression of Colon Cancer in the Background of Adenomatous Polyposis Coli Inactivation. American Journal of Pathology, 2020, 190, 602-613.	3.8	8
63	Cell adhesion molecule IGPR-1 activates AMPK connecting cell adhesion to autophagy. Journal of Biological Chemistry, 2020, 295, 16691-16699.	3.4	7
64	Loss of MINAR2 impairs motor function and causes Parkinsonâ€™s disease-like symptoms in mice. Brain Communications, 2020, 2, fcaa047.	3.3	6
65	Leucine Motif-dependent Tyrosine Autophosphorylation of Type III Receptor Tyrosine Kinases. Journal of Biological Chemistry, 2006, 281, 8620-8627.	3.4	5
66	PRMT4-mediated arginine methylation promotes tyrosine phosphorylation of VEGFR-2 and regulates filopodia protrusions. IScience, 2022, 25, 104736.	4.1	2
67	Recruitment and activation of phospholipase CÎ³1 by vascularendothelial growth factor receptor-2 are required for tubulogenesis anddifferentiation of endothelial cells. Vol. 278 (2003)16347â€“16355. Journal of Biological Chemistry, 2005, 280, 25948.	3.4	0
68	ECSCR enhances KDR activation and promotes proteolysis of internalized KDR (LB160). FASEB Journal, 2014, 28, LB160.	0.5	0
69	c-Cbl expression as a novel predictive marker of survival in patients with metastatic colorectal cancer.. Journal of Clinical Oncology, 2017, 35, e15090-e15090.	1.6	0
70	Abstract 1808: Vascular endothelial growth factor receptor-2 (VEGFR-2)N-glycosylation modulates angiogenic signaling. , 2017, , .		0
71	Abstract 2047:N-glycosylation modulates endothelial cell receptor tyrosine kinase VEGFR-2 ligand-dependent activation and signaling. , 2018, , .		0