

Anna Dimberg

List of Publications by Year in descending order

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77
papers

7,532
citations

109137

35
h-index

79541

73
g-index

79
all docs

79
docs citations

79
times ranked

12190
citing authors

#	ARTICLE	IF	CITATIONS
1	VEGF receptor signalling ? in control of vascular function. Nature Reviews Molecular Cell Biology, 2006, 7, 359-371.	16.1	2,698
2	Tumor angiogenesis: causes, consequences, challenges and opportunities. Cellular and Molecular Life Sciences, 2020, 77, 1745-1770.	2.4	927
3	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	3.7	429
4	VEGF receptor-2 Y951 signaling and a role for the adapter molecule TSAd in tumor angiogenesis. EMBO Journal, 2005, 24, 2342-2353.	3.5	243
5	Neutrophil Extracellular Traps Accumulate in Peripheral Blood Vessels and Compromise Organ Function in Tumor-Bearing Animals. Cancer Research, 2015, 75, 2653-2662.	0.4	180
6	VEGF suppresses Tâ€lymphocyte infiltration in the tumor microenvironment through inhibition of NFâ€Bâ€-induced endothelial activation. FASEB Journal, 2015, 29, 227-238.	0.2	147
7	Rapamycin sensitizes multiple myeloma cells to apoptosis induced by dexamethasone. Blood, 2004, 103, 3138-3147.	0.6	139
8	Retinoic acidâ€-induced cell cycle arrest of human myeloid cell lines is associated with sequential down-regulation of c-Myc and cyclin E and posttranscriptional up-regulation of p27Kip1. Blood, 2002, 99, 2199-2206.	0.6	130
9	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGFâ€A and TGFÎ²2 in vascular abnormalization. Journal of Pathology, 2012, 228, 378-390.	2.1	128
10	VE-PTP regulates VEGFR2 activity in stalk cells to establish endothelial cell polarity and lumen formation. Nature Communications, 2013, 4, 1672.	5.8	120
11	Vascular Targeting to Increase the Efficiency of Immune Checkpoint Blockade in Cancer. Frontiers in Immunology, 2018, 9, 3081.	2.2	116
12	Endocan is a VEGF-A and PI3K regulated gene with increased expression in human renal cancer. Experimental Cell Research, 2007, 313, 1285-1294.	1.2	112
13	Shaping the Tumor Stroma and Sparking Immune Activation by CD40 and 4-1BB Signaling Induced by an Armed Oncolytic Virus. Clinical Cancer Research, 2017, 23, 5846-5857.	3.2	108
14	CD93 promotes Î²1 integrin activation and fibronectin fibrillogenesis during tumor angiogenesis. Journal of Clinical Investigation, 2018, 128, 3280-3297.	3.9	100
15	Transcriptional profiling reveals a critical role for tyrosine phosphatase VEâ€PTP in regulation of VEGFR2 activity and endothelial cell morphogenesis. FASEB Journal, 2009, 23, 1490-1502.	0.2	98
16	Proteomic Analysis of Vascular Endothelial Growth Factor-induced Endothelial Cell Differentiation Reveals a Role for Chloride Intracellular Channel 4 (CLIC4) in Tubular Morphogenesis*. Journal of Biological Chemistry, 2005, 280, 42397-42404.	1.6	90
17	Î±B-crystallin promotes tumor angiogenesis by increasing vascular survival during tube morphogenesis. Blood, 2008, 111, 2015-2023.	0.6	83
18	ANLN is a prognostic biomarker independent of Ki-67 and essential for cell cycle progression in primary breast cancer. BMC Cancer, 2016, 16, 904.	1.1	82

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19	Chemokines in Angiogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2010, 341, 59-80.	0.7	71
20	Local checkpoint inhibition of CTLA-4 as a monotherapy or in combination with anti-PD1 prevents the growth of murine bladder cancer. <i>European Journal of Immunology</i> , 2017, 47, 385-393.	1.6	64
21	Heparanase Promotes Glioma Progression and Is Inversely Correlated with Patient Survival. <i>Molecular Cancer Research</i> , 2016, 14, 1243-1253.	1.5	62
22	Elevated Expression of the C-Type Lectin CD93 in the Glioblastoma Vasculature Regulates Cytoskeletal Rearrangements That Enhance Vessel Function and Reduce Host Survival. <i>Cancer Research</i> , 2015, 75, 4504-4516.	0.4	59
23	Agonistic CD40 therapy induces tertiary lymphoid structures but impairs responses to checkpoint blockade in glioma. <i>Nature Communications</i> , 2021, 12, 4127.	5.8	59
24	Ser727/Tyr701-phosphorylated Stat1 is required for the regulation of c-Myc, cyclins, and p27Kip1 associated with ATRA-induced G0/G1 arrest of U-937 cells. <i>Blood</i> , 2003, 102, 254-261.	0.6	58
25	Subtyping of gliomas of various WHO grades by the application of immunohistochemistry. <i>Histopathology</i> , 2014, 64, 365-379.	1.6	56
26	Blockade of the CD93 pathway normalizes tumor vasculature to facilitate drug delivery and immunotherapy. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	54
27	Phosphorylation-deficient Stat1 inhibits retinoic acid-induced differentiation and cell cycle arrest in U-937 monoblasts. <i>Blood</i> , 2000, 96, 2870-2878.	0.6	53
28	Pleiotrophin promotes vascular abnormalization in gliomas and correlates with poor survival in patients with astrocytomas. <i>Science Signaling</i> , 2015, 8, ra125.	1.6	52
29	IDH mutation status is associated with distinct vascular gene expression signatures in lower-grade gliomas. <i>Neuro-Oncology</i> , 2018, 20, 1505-1516.	0.6	52
30	Therapeutic vaccination against fibronectin ED-A attenuates progression of metastatic breast cancer. <i>Oncotarget</i> , 2014, 5, 12418-12427.	0.8	52
31	Pharmacological targeting of peptidylarginine deiminase 4 prevents cancer-associated kidney injury in mice. <i>Oncolmmunology</i> , 2017, 6, e1320009.	2.1	51
32	Platelet-Specific PDGFB Ablation Impairs Tumor Vessel Integrity and Promotes Metastasis. <i>Cancer Research</i> , 2020, 80, 3345-3358.	0.4	47
33	Key molecular alterations in endothelial cells in human glioblastoma uncovered through single-cell RNA sequencing. <i>JCI Insight</i> , 2021, 6, .	2.3	47
34	Safe and Effective Treatment of Experimental Neuroblastoma and Glioblastoma Using Systemically Delivered Triple MicroRNA-Detargeted Oncolytic Semliki Forest Virus. <i>Clinical Cancer Research</i> , 2017, 23, 1519-1530.	3.2	43
35	GABA-A Channel Subunit Expression in Human Glioma Correlates with Tumor Histology and Clinical Outcome. <i>PLoS ONE</i> , 2012, 7, e37041.	1.1	43
36	The glioblastoma vasculature as a target for cancer therapy. <i>Biochemical Society Transactions</i> , 2014, 42, 1647-1652.	1.6	41

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37	Activated Platelets Provide a Functional Microenvironment for the Antiangiogenic Fragment of Histidine-Rich Glycoprotein. <i>Molecular Cancer Research</i> , 2009, 7, 1792-1802.	1.5	36
38	Sunitinib enhances the antitumor responses of agonistic CD40-antibody by reducing MDSCs and synergistically improving endothelial activation and T-cell recruitment. <i>Oncotarget</i> , 2016, 7, 50277-50289.	0.8	36
39	Retinoic Acid-induced Cell Cycle Arrest of Human Myeloid Cell Lines. <i>Leukemia and Lymphoma</i> , 2003, 44, 1641-1650.	0.6	35
40	Fibroblast Growth Factor Receptor-1 Expression Is Required for Hematopoietic but not Endothelial Cell Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 944-949.	1.1	35
41	The cancer-immunity cycle as rational design for synthetic cancer drugs: Novel DC vaccines and CAR T-cells. <i>Seminars in Cancer Biology</i> , 2017, 45, 23-35.	4.3	32
42	The small GTPase Rab5c is a key regulator of trafficking of the CD93/Multimerin-2/ β 21 integrin complex in endothelial cell adhesion and migration. <i>Cell Communication and Signaling</i> , 2019, 17, 55.	2.7	30
43	β -crystallin/HspB5 regulates endothelial-leukocyte interactions by enhancing NF- κ B-induced up-regulation of adhesion molecules ICAM-1, VCAM-1 and E-selectin. <i>Angiogenesis</i> , 2013, 16, 975-983.	3.7	28
44	IFN- γ -induced upregulation of Fc γ -receptor-I during activation of monocytic cells requires the PKR and NF- κ B pathways. <i>Molecular Immunology</i> , 2007, 44, 615-624.	1.0	27
45	Ninein Is Expressed in the Cytoplasm of Angiogenic Tip-Cells and Regulates Tubular Morphogenesis of Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2123-2130.	1.1	27
46	Region-by-region analysis of PET, MRI, and histology in en bloc-resected oligodendrogliomas reveals intra-tumoral heterogeneity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 569-579.	3.3	26
47	FGFR-1 regulates angiogenesis through cytokines interleukin-4 and pleiotrophin. <i>Blood</i> , 2007, 110, 4214-4222.	0.6	24
48	Tumor endothelial cell up-regulation of IDO1 is an immunosuppressive feed-back mechanism that reduces the response to CD40-stimulating immunotherapy. <i>Oncolimmunology</i> , 2020, 9, 1730538.	2.1	23
49	The C-type lectin CD93 controls endothelial cell migration via activation of the Rho family of small GTPases. <i>Matrix Biology</i> , 2021, 99, 1-17.	1.5	23
50	Fgfbp1 promotes blood-brain barrier development by regulating collagen IV deposition and maintaining Wnt/ β 2-catenin signaling. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	22
51	Stat1 activation attenuates IL-6 induced Stat3 activity but does not alter apoptosis sensitivity in multiple myeloma. <i>BMC Cancer</i> , 2012, 12, 318.	1.1	18
52	Next-Generation Pathologyâ€”Surveillance of Tumor Microecology. <i>Journal of Molecular Biology</i> , 2015, 427, 2013-2022.	2.0	17
53	Pleiotrophin enhances PDGFB-induced gliomagenesis through increased proliferation of neural progenitor cells. <i>Oncotarget</i> , 2016, 7, 80382-80390.	0.8	15
54	Lentiviral Rescue of Vascular Endothelial Growth Factor Receptor-2 Expression in Flk1 Embryonic Stem Cells Shows Early Priming of Endothelial Precursors. <i>Stem Cells</i> , 2007, 25, 2987-2995.	1.4	14

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55	Coagulation Factor Xa Promotes Solid Tumor Growth, Experimental Metastasis and Endothelial Cell Activation. <i>Cancers</i> , 2019, 11, 1103.	1.7	14
56	1p/19q co-deletion status is associated with distinct tumor-associated macrophage infiltration in IDH mutated lower-grade gliomas. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 193-204.	2.1	14
57	IFN-I-tolerant oncolytic Semliki Forest virus in combination with anti-PD1 enhances T cell response against mouse glioma. <i>Molecular Therapy - Oncolytics</i> , 2021, 21, 37-46.	2.0	14
58	Paladin (X99384) is expressed in the vasculature and shifts from endothelial to vascular smooth muscle cells during mouse development. <i>Developmental Dynamics</i> , 2012, 241, 770-786.	0.8	13
59	CD93 Signaling via Rho Proteins Drives Cytoskeletal Remodeling in Spreading Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12417.	1.8	13
60	Vaccination against galectin-1 promotes cytotoxic T-cell infiltration in melanoma and reduces tumor burden. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 2029-2040.	2.0	13
61	Phosphorylation-deficient Stat1 inhibits retinoic acid-induced differentiation and cell cycle arrest in U-937 monoblasts. <i>Blood</i> , 2000, 96, 2870-2878.	0.6	12
62	The Binding of CD93 to Multimerin-2 Promotes Choroidal Neovascularization. , 2020, 61, 30.		11
63	Tertiary Lymphoid Structures in the Central Nervous System: Implications for Glioblastoma. <i>Frontiers in Immunology</i> , 2021, 12, 724739.	2.2	11
64	Pleiotrophin is a driver of vascular abnormalization in glioblastoma. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1141087.	0.3	8
65	Tumor endothelial ELTD1 as a predictive marker for treatment of renal cancer patients with sunitinib. <i>BMC Cancer</i> , 2020, 20, 339.	1.1	7
66	ELTD1 deletion reduces vascular abnormality and improves T-cell recruitment after PD-1 blockade in glioma. <i>Neuro-Oncology</i> , 2022, 24, 398-411.	0.6	7
67	Bones in human CYP26B1 deficiency and rats with hypervitaminosis A phenocopy Vegfa overexpression. <i>Bone Reports</i> , 2018, 9, 27-36.	0.2	6
68	Î±Bâ€Crystallin regulates expansion of CD11b ⁺ Grâ€1 ⁺ immature myeloid cells during tumor progression. <i>FASEB Journal</i> , 2013, 27, 151-162.	0.2	5
69	Tumor-induced neutrophil extracellular trapsâ€”drivers of systemic inflammation and vascular dysfunction. <i>Oncolmunology</i> , 2016, 5, e1098803.	2.1	5
70	Osteoglycin â€” A switch from angiogenesis to T-cell recruitment?. <i>EBioMedicine</i> , 2018, 35, 22-23.	2.7	4
71	Deletions on Chromosome Y and Downregulation of the SRY Gene in Tumor Tissue Are Associated with Worse Survival of Glioblastoma Patients. <i>Cancers</i> , 2021, 13, 1619.	1.7	3
72	Vascular Endothelial Growth Factors and Receptors. , 2010, , 1927-1937.		2

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73	Editorial: Tertiary Lymphoid Structures: From Basic Biology to Translational Impact in Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 870862.	2.2	2
74	Regulation of Angiogenesis by the Small Heat Shock Protein α -B-Crystallin. <i>Current Angiogenesis</i> , 2012, 1, 39-45.	0.1	1
75	Abstract 3662: Activation of CD40 while inhibiting IL6/STAT3 using oncolytic viruses induces mature DCs with high cytokine production but blocks PDL1 expression. , 2017, , .		0
76	Abstract A159: Agonistic CD40 antibody therapy induces formation of tertiary lymphoid structures in glioma and inhibits the response to immune-checkpoint blockade. , 2019, , .		0
77	Abstract A128: Tumor endothelial cells say IDO to CD40-stimulating immunotherapy. , 2019, , .		0