Anna Dimberg

List of Publications by Year
in descending order

77 papers	7,532 citations	109321 35 h-index	79698 73 g-index
79 all docs	79 docs citations	79 times ranked	12190 citing authors

#	Article	IF	Citations
1	ELTD1 deletion reduces vascular abnormality and improves T-cell recruitment after PD-1 blockade in glioma. Neuro-Oncology, 2022, 24, 398-411.	1.2	7
2	Vaccination against galectin-1 promotes cytotoxic T-cell infiltration in melanoma and reduces tumor burden. Cancer Immunology, Immunotherapy, 2022, 71, 2029-2040.	4.2	13
3	Editorial: Tertiary Lymphoid Structures: From Basic Biology to Translational Impact in Cancer. Frontiers in Immunology, 2022, 13, 870862.	4.8	2
4	1p/19q co-deletion status is associated with distinct tumor-associated macrophage infiltration in IDH mutated lower-grade gliomas. Cellular Oncology (Dordrecht), 2021, 44, 193-204.	4.4	14
5	Deletions on Chromosome Y and Downregulation of the SRY Gene in Tumor Tissue Are Associated with Worse Survival of Glioblastoma Patients. Cancers, 2021, 13, 1619.	3.7	3
6	The C-type lectin CD93 controls endothelial cell migration via activation of the Rho family of small GTPases. Matrix Biology, 2021, 99, 1-17.	3.6	23
7	IFN-I-tolerant oncolytic Semliki Forest virus in combination with anti-PD1 enhances T cell response against mouse glioma. Molecular Therapy - Oncolytics, 2021, 21, 37-46.	4.4	14
8	Blockade of the CD93 pathway normalizes tumor vasculature to facilitate drug delivery and immunotherapy. Science Translational Medicine, 2021, 13, .	12.4	54
9	Agonistic CD40 therapy induces tertiary lymphoid structures but impairs responses to checkpoint blockade in glioma. Nature Communications, 2021, 12, 4127.	12.8	59
10	Key molecular alterations in endothelial cells in human glioblastoma uncovered through single-cell RNA sequencing. JCI Insight, 2021, 6, .	5.0	47
11	Tertiary Lymphoid Structures in the Central Nervous System: Implications for Glioblastoma. Frontiers in Immunology, 2021, 12, 724739.	4.8	11
12	CD93 Signaling via Rho Proteins Drives Cytoskeletal Remodeling in Spreading Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 12417.	4.1	13
13	Tumor angiogenesis: causes, consequences, challenges and opportunities. Cellular and Molecular Life Sciences, 2020, 77, 1745-1770.	5.4	927
14	Fgfbp1 promotes blood-brain barrier development by regulating collagen IV deposition and maintaining Wnt/Î²-catenin signaling. Development (Cambridge), 2020, 147, .	2.5	22
15	The Binding of CD93 to Multimerin-2 Promotes Choroidal Neovascularization. , 2020, 61, 30.		11
16	Tumor endothelial cell up-regulation of IDO1 is an immunosuppressive feed-back mechanism that reduces the response to CD40-stimulating immunotherapy. OncoImmunology, 2020, 9, 1730538.	4.6	23
17	Platelet-Specific PDGFB Ablation Impairs Tumor Vessel Integrity and Promotes Metastasis. Cancer Research, 2020, 80, 3345-3358.	0.9	47
18	Tumor endothelial ELTD1 as a predictive marker for treatment of renal cancer patients with sunitinib. BMC Cancer, 2020, 20, 339.	2.6	7

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19	Region-by-region analysis of PET, MRI, and histology in en bloc-resected oligodendrogliomas reveals intra-tumoral heterogeneity. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 569-579.	6.4	26
20	Coagulation Factor Xa Promotes Solid Tumor Growth, Experimental Metastasis and Endothelial Cell Activation. Cancers, 2019, 11, 1103.	3.7	14
21	The small GTPase Rab5c is a key regulator of trafficking of the CD93/Multimerin-2/Î²1 integrin complex in endothelial cell adhesion and migration. Cell Communication and Signaling, 2019, 17, 55.	6.5	30
22	Abstract A159: Agonistic CD40 antibody therapy induces formation of tertiary lymphoid structures in glioma and inhibits the response to immune-checkpoint blockade. , 2019, , .		0
23	Abstract A128: Tumor endothelial cells say IDO to CD40-stimulating immunotherapy. , 2019, , .		0
24	Vascular Targeting to Increase the Efficiency of Immune Checkpoint Blockade in Cancer. Frontiers in Immunology, 2018, 9, 3081.	4.8	116
25	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
26	IDH mutation status is associated with distinct vascular gene expression signatures in lower-grade gliomas. Neuro-Oncology, 2018, 20, 1505-1516.	1.2	52
27	Bones in human CYP26B1 deficiency and rats with hypervitaminosis A phenocopy Vegfa overexpression. Bone Reports, 2018, 9, 27-36.	0.4	6
28	Osteoglycin â€“ A switch from angiogenesis to T-cell recruitment?. EBioMedicine, 2018, 35, 22-23.	6.1	4
29	CD93 promotes Î²1 integrin activation and fibronectin fibrillogenesis during tumor angiogenesis. Journal of Clinical Investigation, 2018, 128, 3280-3297.	8.2	100
30	The cancer-immunity cycle as rational design for synthetic cancer drugs: Novel DC vaccines and CAR T-cells. Seminars in Cancer Biology, 2017, 45, 23-35.	9.6	32
31	Pharmacological targeting of peptidylarginine deiminase 4 prevents cancer-associated kidney injury in mice. OncoImmunology, 2017, 6, e1320009.	4.6	51
32	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.	7.0	108
33	Local checkpoint inhibition of CTLAâ€4 as a monotherapy or in combination with antiâ€PD1 prevents the growth of murine bladder cancer. European Journal of Immunology, 2017, 47, 385-393.	2.9	64
34	Safe and Effective Treatment of Experimental Neuroblastoma and Glioblastoma Using Systemically Delivered Triple MicroRNA-Detargeted Oncolytic Semliki Forest Virus. Clinical Cancer Research, 2017, 23, 1519-1530.	7.0	43
35	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
36	ANLN is a prognostic biomarker independent of Ki-67 and essential for cell cycle progression in primary breast cancer. BMC Cancer, 2016, 16, 904.	2.6	82

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37	Heparanase Promotes Glioma Progression and Is Inversely Correlated with Patient Survival. Molecular Cancer Research, 2016, 14, 1243-1253.	3.4	62
38	Tumor-induced neutrophil extracellular trapsâ€"drivers of systemic inflammation and vascular dysfunction. OncoImmunology, 2016, 5, e1098803.	4.6	5
39	Pleiotrophin is a driver of vascular abnormalization in glioblastoma. Molecular and Cellular Oncology, 2016, 3, e1141087.	0.7	8
40	Sunitinib enhances the antitumor responses of agonistic CD40-antibody by reducing MDSCs and synergistically improving endothelial activation and T-cell recruitment. Oncotarget, 2016, 7, 50277-50289.	1.8	36
41	Pleiotrophin enhances PDGFB-induced gliomagenesis through increased proliferation of neural progenitor cells. Oncotarget, 2016, 7, 80382-80390.	1.8	15
42	Pleiotrophin promotes vascular abnormalization in gliomas and correlates with poor survival in patients with astrocytomas. Science Signaling, 2015, 8, ra125.	3.6	52
43	Next-Generation Pathologyâ€"Surveillance of Tumor Microecology. Journal of Molecular Biology, 2015, 427, 2013-2022.	4.2	17
44	Neutrophil Extracellular Traps Accumulate in Peripheral Blood Vessels and Compromise Organ Function in Tumor-Bearing Animals. Cancer Research, 2015, 75, 2653-2662.	0.9	180
45	Elevated Expression of the C-Type Lectin CD93 in the Glioblastoma Vasculature Regulates Cytoskeletal Rearrangements That Enhance Vessel Function and Reduce Host Survival. Cancer Research, 2015, 75, 4504-4516.	0.9	59
46	VEGF suppresses Tâ€lymphocyte infiltration in the tumor microenvironment through inhibition of NFâ€ÎºBâ€induced endothelial activation. FASEB Journal, 2015, 29, 227-238.	0.5	147
47	Subtyping of gliomas of various <scp>WHO</scp> grades by the application of immunohistochemistry. Histopathology, 2014, 64, 365-379.	2.9	56
48	The glioblastoma vasculature as a target for cancer therapy. Biochemical Society Transactions, 2014, 42, 1647-1652.	3.4	41
49	Therapeutic vaccination against fibronectin ED-A attenuates progression of metastatic breast cancer. Oncotarget, 2014, 5, 12418-12427.	1.8	52
50	Î±B-crystallin/HspB5 regulates endothelialâ€"leukocyte interactions by enhancing NF-ÎºB-induced up-regulation of adhesion molecules ICAM-1, VCAM-1 and E-selectin. Angiogenesis, 2013, 16, 975-983.	7.2	28
51	Î±Bâ€Crystallin regulates expansion of CD11b ⁺ Grâ€1 ⁺ immature myeloid cells during tumor progression. FASEB Journal, 2013, 27, 151-162.	0.5	5
52	VE-PTP regulates VEGFR2 activity in stalk cells to establish endothelial cell polarity and lumen formation. Nature Communications, 2013, 4, 1672.	12.8	120
53	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.	4.5	128
54	Stat1 activation attenuates IL-6 induced Stat3 activity but does not alter apoptosis sensitivity in multiple myeloma. BMC Cancer, 2012, 12, 318.	2.6	18

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55	Regulation of Angiogenesis by the Small Heat Shock Protein Î±B-Crystallin. Current Angiogenesis, 2012, 1, 39-45.	0.1	1
56	Paladin (X99384) is expressed in the vasculature and shifts from endothelial to vascular smooth muscle cells during mouse development. Developmental Dynamics, 2012, 241, 770-786.	1.8	13
57	GABA-A Channel Subunit Expression in Human Glioma Correlates with Tumor Histology and Clinical Outcome. PLoS ONE, 2012, 7, e37041.	2.5	43
58	Vascular Endothelial Growth Factors and Receptors. , 2010, , 1927-1937.		2
59	Chemokines in Angiogenesis. Current Topics in Microbiology and Immunology, 2010, 341, 59-80.	1.1	71
60	Activated Platelets Provide a Functional Microenvironment for the Antiangiogenic Fragment of Histidine-Rich Glycoprotein. Molecular Cancer Research, 2009, 7, 1792-1802.	3.4	36
61	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.	0.5	98
62	Ninein Is Expressed in the Cytoplasm of Angiogenic Tip-Cells and Regulates Tubular Morphogenesis of Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2123-2130.	2.4	27
63	Î±B-crystallin promotes tumor angiogenesis by increasing vascular survival during tube morphogenesis. Blood, 2008, 111, 2015-2023.	1.4	83
64	FGFR-1 regulates angiogenesis through cytokines interleukin-4 and pleiotrophin. Blood, 2007, 110, 4214-4222.	1.4	24
65	IFN-Î³-induced upregulation of FcÎ³-receptor-I during activation of monocytic cells requires the PKR and NFÎºB pathways. Molecular Immunology, 2007, 44, 615-624.	2.2	27
66	Lentiviral Rescue of Vascular Endothelial Growth Factor Receptor-2 Expression in Flk1â^'/â^' Embryonic Stem Cells Shows Early Priming of Endothelial Precursors. Stem Cells, 2007, 25, 2987-2995.	3.2	14
67	Endocan is a VEGF-A and PI3K regulated gene with increased expression in human renal cancer. Experimental Cell Research, 2007, 313, 1285-1294.	2.6	112
68	VEGF receptor signalling ? in control of vascular function. Nature Reviews Molecular Cell Biology, 2006, 7, 359-371.	37.0	2,698
69	VEGF receptor-2 Y951 signaling and a role for the adapter molecule TSAd in tumor angiogenesis. EMBO Journal, 2005, 24, 2342-2353.	7.8	243
70	Fibroblast Growth Factor Receptor-1 Expression Is Required for Hematopoietic but not Endothelial Cell Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 944-949.	2.4	35
71	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.	3.4	90
72	Rapamycin sensitizes multiple myeloma cells to apoptosis induced by dexamethasone. Blood, 2004, 103, 3138-3147.	1.4	139

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73	Retinoic Acid-induced Cell Cycle Arrest of Human Myeloid Cell Lines. Leukemia and Lymphoma, 2003, 44, 1641-1650.	1.3	35
74	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. Blood, 2003, 102, 254-261.	1.4	58
75	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.	1.4	130
76	Phosphorylation-deficient Stat1 inhibits retinoic acidâ€“induced differentiation and cell cycle arrest in U-937 monoblasts. Blood, 2000, 96, 2870-2878.	1.4	53
77	Phosphorylation-deficient Stat1 inhibits retinoic acidâ€“induced differentiation and cell cycle arrest in U-937 monoblasts. Blood, 2000, 96, 2870-2878.	1.4	12