

Judith A Varner

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

6,435
citations

37
h-index

69
g-index

69
ext. papers

7,376
ext. citations

11.3
avg, IF

5.9
L-index

#	Paper	IF	Citations
61	Integrins in angiogenesis and lymphangiogenesis. <i>Nature Reviews Cancer</i> , 2008 , 8, 604-17	31.3	801
60	PI3K is a molecular switch that controls immune suppression. <i>Nature</i> , 2016 , 539, 437-442	50.4	609
59	Regulation of angiogenesis in vivo by ligation of integrin alpha5beta1 with the central cell-binding domain of fibronectin. <i>American Journal of Pathology</i> , 2000 , 156, 1345-62	5.8	554
58	Integrins and cancer. <i>Current Opinion in Cell Biology</i> , 1996 , 8, 724-30	9	432
57	Targeting Tumor-Associated Macrophages in Cancer. <i>Trends in Immunology</i> , 2019 , 40, 310-327	14.4	368
56	Bruton Tyrosine Kinase-Dependent Immune Cell Cross-talk Drives Pancreas Cancer. <i>Cancer Discovery</i> , 2016 , 6, 270-85	24.4	311
55	Receptor tyrosine kinases and TLR/IL1Rs unexpectedly activate myeloid cell PI3K as a single convergent point promoting tumor inflammation and progression. <i>Cancer Cell</i> , 2011 , 19, 715-27	24.3	291
54	A homing mechanism for bone marrow-derived progenitor cell recruitment to the neovasculature. <i>Journal of Clinical Investigation</i> , 2006 , 116, 652-62	15.9	181
53	Regulation of integrin alpha v beta 3-mediated endothelial cell migration and angiogenesis by integrin alpha5beta1 and protein kinase A. <i>Journal of Biological Chemistry</i> , 2000 , 275, 33920-8	5.4	172
52	Macrophage PI3K Drives Pancreatic Ductal Adenocarcinoma Progression. <i>Cancer Discovery</i> , 2016 , 6, 870-85	24.4	157
51	Integrin alpha4beta1-VCAM-1-mediated adhesion between endothelial and mural cells is required for blood vessel maturation. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1542-51	15.9	151
50	Integrin alpha4beta1 signaling is required for lymphangiogenesis and tumor metastasis. <i>Cancer Research</i> , 2010 , 70, 3042-51	10.1	149
49	Combination immunotherapy with TLR agonists and checkpoint inhibitors suppresses head and neck cancer. <i>JCI Insight</i> , 2017 , 2,	9.9	137
48	Inhibition of endothelial cell survival and angiogenesis by protein kinase A. <i>Journal of Clinical Investigation</i> , 2002 , 110, 933-941	15.9	130
47	REVIEW: the integrin alpha V beta 3: angiogenesis and apoptosis. <i>Cell Adhesion and Communication</i> , 1995 , 3, 367-74		127
46	Del1 induces integrin signaling and angiogenesis by ligation of alphaVbeta3. <i>Journal of Biological Chemistry</i> , 1999 , 274, 11101-9	5.4	124
45	Myeloid cells in the tumor microenvironment: modulation of tumor angiogenesis and tumor inflammation. <i>Journal of Oncology</i> , 2010 , 2010, 201026	4.5	121

44	Integrin alpha4beta1 promotes monocyte trafficking and angiogenesis in tumors. <i>Cancer Research</i> , 2006 , 66, 2146-52	10.1	111
43	The homeobox transcription factor Hox D3 promotes integrin alpha5beta1 expression and function during angiogenesis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 4862-8	5.4	103
42	Integrin CD11b activation drives anti-tumor innate immunity. <i>Nature Communications</i> , 2018 , 9, 5379	17.4	93
41	Parathyroid hormone-related peptide is a naturally occurring, protein kinase A-dependent angiogenesis inhibitor. <i>Nature Medicine</i> , 2002 , 8, 995-1003	50.5	87
40	Combined blockade of integrin- $\alpha 4$ plus cytokines SDF-1 β or IL-1 β potently inhibits tumor inflammation and growth. <i>Cancer Research</i> , 2011 , 71, 6965-75	10.1	81
39	Neovascularization of ischemic tissues by gene delivery of the extracellular matrix protein Del-1. <i>Journal of Clinical Investigation</i> , 2003 , 112, 30-41	15.9	77
38	The embryonic angiogenic factor Del1 accelerates tumor growth by enhancing vascular formation. <i>Microvascular Research</i> , 2002 , 64, 148-61	3.7	76
37	The role of integrins in tumor angiogenesis. <i>Hematology/Oncology Clinics of North America</i> , 2004 , 18, 991-1006, vii	3.1	75
36	Roles of integrins in tumor angiogenesis and lymphangiogenesis. <i>Lymphatic Research and Biology</i> , 2008 , 6, 155-63	2.3	73
35	PI3K β activates integrin $\alpha 4$ to establish a metastatic niche in lymph nodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9042-7	11.5	70
34	Myeloid cell trafficking and tumor angiogenesis. <i>Cancer Letters</i> , 2007 , 250, 1-8	9.9	63
33	Circulating endothelial progenitor cells. <i>British Journal of Cancer</i> , 2005 , 93, 855-8	8.7	63
32	Inhibition of endothelial cell survival and angiogenesis by protein kinase A. <i>Journal of Clinical Investigation</i> , 2002 , 110, 933-41	15.9	60
31	Integrins in tumor angiogenesis and lymphangiogenesis. <i>Methods in Molecular Biology</i> , 2012 , 757, 471-86	1.4	56
30	Myeloid cells in tumor inflammation. <i>Vascular Cell</i> , 2012 , 4, 14	1	50
29	The primacy of $\alpha 4$ integrin activation in the metastatic cascade. <i>PLoS ONE</i> , 2012 , 7, e46576	3.7	50
28	PI3K β Activates Integrin $\alpha 4$ and Promotes Immune Suppressive Myeloid Cell Polarization during Tumor Progression. <i>Cancer Immunology Research</i> , 2017 , 5, 957-968	12.5	42
27	Fluorescent LYVE-1 antibody to image dynamically lymphatic trafficking of cancer cells in vivo. <i>Journal of Surgical Research</i> , 2009 , 151, 68-73	2.5	42

26	Securing the Payload, Finding the Cell, and Avoiding the Endosome: Peptide-Targeted, Fusogenic Porous Silicon Nanoparticles for Delivery of siRNA. <i>Advanced Materials</i> , 2019 , 31, e1902952	24	40
25	PI3-kinase β promotes Rap1a-mediated activation of myeloid cell integrin α , leading to tumor inflammation and growth. <i>PLoS ONE</i> , 2013 , 8, e60226	3.7	40
24	Inhibition of angiogenesis and tumor growth by murine 7E3, the parent antibody of c7E3 Fab (abciximab; ReoPro). <i>Angiogenesis</i> , 1999 , 3, 53-60	10.6	32
23	Angiogenesis: noninvasive quantitative assessment with contrast-enhanced functional US in murine model. <i>Radiology</i> , 2006 , 239, 730-9	20.5	31
22	Methods to study lymphatic vessel integrins. <i>Methods in Enzymology</i> , 2007 , 426, 415-38	1.7	26
21	Angiogenesis model for ultrasound contrast research: exploratory study. <i>Academic Radiology</i> , 2004 , 11, 4-12	4.3	26
20	A PKA-Csk-pp60Src signaling pathway regulates the switch between endothelial cell invasion and cell-cell adhesion during vascular sprouting. <i>Blood</i> , 2010 , 116, 5773-83	2.2	24
19	MST1R kinase accelerates pancreatic cancer progression via effects on both epithelial cells and macrophages. <i>Oncogene</i> , 2019 , 38, 5599-5611	9.2	22
18	Lymphatic endothelial heparan sulfate deficiency results in altered growth responses to vascular endothelial growth factor-C (VEGF-C). <i>Journal of Biological Chemistry</i> , 2011 , 286, 14952-62	5.4	18
17	Integrin β Enhances Metastasis and May Be Associated with Poor Prognosis in MYCN-low Neuroblastoma. <i>PLoS ONE</i> , 2015 , 10, e0120815	3.7	15
16	Arming Tumor-Associated Macrophages to Reverse Epithelial Cancer Progression. <i>Cancer Research</i> , 2019 , 79, 5048-5059	10.1	12
15	Isolation of a Sponge-derived Extracellular Matrix Adhesion Protein. <i>Journal of Biological Chemistry</i> , 1996 , 271, 16119-16125	5.4	12
14	The sticky truth about angiogenesis and thrombospondins. <i>Journal of Clinical Investigation</i> , 2006 , 116, 3111-3	15.9	9
13	Stem cells and neurogenesis in tumors. <i>Progress in Experimental Tumor Research</i> , 2007 , 39, 122-129		6
12	PI3K inhibition suppresses microglia/TAM accumulation in glioblastoma microenvironment to promote exceptional temozolomide response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
11	Circulating endothelial progenitor cells. <i>Methods in Molecular Biology</i> , 2009 , 467, 139-55	1.4	4
10	Chapter 15. Methods to study myeloid cell roles in angiogenesis. <i>Methods in Enzymology</i> , 2008 , 445, 343-74		3
9	PI3K inhibition suppresses microglia/TAM accumulation in glioblastoma microenvironment to promote exceptional temozolomide response		3

- 8 Rel-ating myeloid cells to cancer therapy.. *Nature Cancer*, **2020**, 1, 480-481 15.4 1
- 7 Stem Cells, Angiogenesis, and Neurogenesis in Tumors **2009**, 247-252 1
- 6 PI3K β stimulates a high molecular weight form of myosin light chain kinase to promote myeloid cell adhesion and tumor inflammation.. *Nature Communications*, **2022**, 13, 1768 17.4 1
- 5 Integrin-Extracellular Matrix Interactions **2011**, 347-360
- 4 Molecular Control of Lymphatic Metastasis in Lung Cancer **2009**, 173-191
- 3 The Role of Integrins in Tumor Angiogenesis **2008**, 49-71
- 2 Fibronectins and Their Receptors in Cancer **2010**, 111-136
- 1 Lymphangiogenesis **2014**, 1-5