

Judith A Varner

List of Publications by Year in descending order

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67
papers

8,089
citations

94433

37
h-index

161849

54
g-index

69
all docs

69
docs citations

69
times ranked

11868
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrins in angiogenesis and lymphangiogenesis. <i>Nature Reviews Cancer</i> , 2008, 8, 604-617.	28.4	911
2	PI3K $\hat{1}^3$ is a molecular switch that controls immune suppression. <i>Nature</i> , 2016, 539, 437-442.	27.8	884
3	Targeting Tumor-Associated Macrophages in Cancer. <i>Trends in Immunology</i> , 2019, 40, 310-327.	6.8	660
4	Regulation of Angiogenesis in Vivo by Ligation of Integrin $\hat{1}^5\hat{1}^21$ with the Central Cell-Binding Domain of Fibronectin. <i>American Journal of Pathology</i> , 2000, 156, 1345-1362.	3.8	604
5	Integrins and cancer. <i>Current Opinion in Cell Biology</i> , 1996, 8, 724-730.	5.4	470
6	Bruton Tyrosine Kinase-Dependent Immune Cell Cross-talk Drives Pancreas Cancer. <i>Cancer Discovery</i> , 2016, 6, 270-285.	9.4	408
7	Receptor Tyrosine Kinases and TLR/IL1Rs Unexpectedly Activate Myeloid Cell PI3K $\hat{1}^3$, A Single Convergent Point Promoting Tumor Inflammation and Progression. <i>Cancer Cell</i> , 2011, 19, 715-727.	16.8	343
8	Macrophage PI3K $\hat{1}^3$ Drives Pancreatic Ductal Adenocarcinoma Progression. <i>Cancer Discovery</i> , 2016, 6, 870-885.	9.4	235
9	A homing mechanism for bone marrow-derived progenitor cell recruitment to the neovasculature. <i>Journal of Clinical Investigation</i> , 2006, 116, 652-662.	8.2	209
10	Combination immunotherapy with TLR agonists and checkpoint inhibitors suppresses head and neck cancer. <i>JCI Insight</i> , 2017, 2, .	5.0	203
11	Integrin CD11b activation drives anti-tumor innate immunity. <i>Nature Communications</i> , 2018, 9, 5379.	12.8	198
12	Regulation of Integrin $\hat{1}^5\hat{1}^23$ -mediated Endothelial Cell Migration and Angiogenesis by Integrin $\hat{1}^5\hat{1}^21$ and Protein Kinase A. <i>Journal of Biological Chemistry</i> , 2000, 275, 33920-33928.	3.4	191
13	Integrin $\hat{1}^4\hat{1}^21$ -VCAM-1-mediated adhesion between endothelial and mural cells is required for blood vessel maturation. <i>Journal of Clinical Investigation</i> , 2005, 115, 1542-1551.	8.2	175
14	Integrin $\hat{1}^4\hat{1}^21$ Signaling Is Required for Lymphangiogenesis and Tumor Metastasis. <i>Cancer Research</i> , 2010, 70, 3042-3051.	0.9	163
15	Myeloid Cells in the Tumor Microenvironment: Modulation of Tumor Angiogenesis and Tumor Inflammation. <i>Journal of Oncology</i> , 2010, 2010, 1-10.	1.3	143
16	Inhibition of endothelial cell survival and angiogenesis by protein kinase A. <i>Journal of Clinical Investigation</i> , 2002, 110, 933-941.	8.2	143
17	Review: The Integrin $\hat{1}^5\hat{1}^23$: Angiogenesis and Apoptosis. <i>Cell Adhesion and Communication</i> , 1995, 3, 367-374.	1.7	136
18	Del1 Induces Integrin Signaling and Angiogenesis by Ligation of $\hat{1}^5\hat{1}^23$. <i>Journal of Biological Chemistry</i> , 1999, 274, 11101-11109.	3.4	135

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19	Integrin $\alpha 4 \beta 1$ Promotes Monocyte Trafficking and Angiogenesis in Tumors. <i>Cancer Research</i> , 2006, 66, 2146-2152.	0.9	131
20	The Homeobox Transcription Factor Hox D3 Promotes Integrin $\alpha 5 \beta 1$ Expression and Function during Angiogenesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 4862-4868.	3.4	114
21	Parathyroid hormone-related peptide is a naturally occurring, protein kinase A-dependent angiogenesis inhibitor. <i>Nature Medicine</i> , 2002, 8, 995-1003.	30.7	95
22	Combined Blockade of Integrin $\alpha 4 \beta 1$ Plus Cytokines SDF-1 or IL-1 Potently Inhibits Tumor Inflammation and Growth. <i>Cancer Research</i> , 2011, 71, 6965-6975.	0.9	95
23	Neovascularization of ischemic tissues by gene delivery of the extracellular matrix protein Del-1. <i>Journal of Clinical Investigation</i> , 2003, 112, 30-41.	8.2	95
24	PI3K activates integrin $\alpha 4 \beta 1$ 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, 9042-9047.	7.1	84
25	The role of integrins in tumor angiogenesis. <i>Hematology/Oncology Clinics of North America</i> , 2004, 18, 991-1006.	2.2	82
26	Roles of Integrins in Tumor Angiogenesis and Lymphangiogenesis. <i>Lymphatic Research and Biology</i> , 2008, 6, 155-163.	1.1	82
27	Circulating endothelial progenitor cells. <i>British Journal of Cancer</i> , 2005, 93, 855-858.	6.4	81
28	The Embryonic Angiogenic Factor Del1 Accelerates Tumor Growth by Enhancing Vascular Formation. <i>Microvascular Research</i> , 2002, 64, 148-161.	2.5	80
29	Inhibition of endothelial cell survival and angiogenesis by protein kinase A. <i>Journal of Clinical Investigation</i> , 2002, 110, 933-941.	8.2	79
30	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.	21.0	73
31	Myeloid cell trafficking and tumor angiogenesis. <i>Cancer Letters</i> , 2007, 250, 1-8.	7.2	68
32	PI3K Activates Integrin $\alpha 4$ and Promotes Immune Suppressive Myeloid Cell Polarization during Tumor Progression. <i>Cancer Immunology Research</i> , 2017, 5, 957-968.	3.4	64
33	The Primacy of $\beta 1$ Integrin Activation in the Metastatic Cascade. <i>PLoS ONE</i> , 2012, 7, e46576.	2.5	61
34	Integrins in Tumor Angiogenesis and Lymphangiogenesis. <i>Methods in Molecular Biology</i> , 2011, 757, 471-486.	0.9	60
35	Myeloid cells in tumor inflammation. <i>Vascular Cell</i> , 2012, 4, 14.	0.2	56
36	PI3-Kinase $\beta 3$ Promotes Rap1a-Mediated Activation of Myeloid Cell Integrin $\alpha 4 \beta 1$, Leading to Tumor Inflammation and Growth. <i>PLoS ONE</i> , 2013, 8, e60226.	2.5	51

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37	Fluorescent LYVE-1 Antibody to Image Dynamically Lymphatic Trafficking of Cancer Cells In Vivo. <i>Journal of Surgical Research</i> , 2009, 151, 68-73.	1.6	50
38	Angiogenesis: Noninvasive Quantitative Assessment with Contrast-enhanced Functional US in Murine Model. <i>Radiology</i> , 2006, 239, 730-739.	7.3	40
39	Inhibition of angiogenesis and tumor growth by murine 7E3, the parent antibody of c7E3 Fab (abciximab;) Tj ETQq1,1 0.784314 rgBT 7.2 38	7.2	38
40	Angiogenesis model for ultrasound contrast research. <i>Academic Radiology</i> , 2004, 11, 4-12.	2.5	34
41	PI3K \hat{I}^3 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, .	7.1	33
42	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, 5773-5783.	1.4	29
43	MST1R kinase accelerates pancreatic cancer progression via effects on both epithelial cells and macrophages. <i>Oncogene</i> , 2019, 38, 5599-5611.	5.9	29
44	Methods to Study Lymphatic Vessel Integrins. <i>Methods in Enzymology</i> , 2007, 426, 415-438.	1.0	28
45	Integrin \hat{I}^4 Enhances Metastasis and May Be Associated with Poor Prognosis in MYCN ^{low} Neuroblastoma. <i>PLoS ONE</i> , 2015, 10, e0120815.	2.5	21
46	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, 14952-14962.	3.4	19
47	Arming Tumor-Associated Macrophages to Reverse Epithelial Cancer Progression. <i>Cancer Research</i> , 2019, 79, 5048-5059.	0.9	19
48	Isolation of a Sponge-derived Extracellular Matrix Adhesion Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 16119-16125.	3.4	16
49	The sticky truth about angiogenesis and thrombospondins. <i>Journal of Clinical Investigation</i> , 2006, 116, 3111-3113.	8.2	9
50	Stem Cells and Neurogenesis in Tumors. , 2007, 39, 122-129.		8
51	Circulating Endothelial Progenitor Cells (CEPC). <i>Methods in Molecular Biology</i> , 2009, 467, 139-155.	0.9	5
52	Chapter 15 Methods to Study Myeloid Cell Roles in Angiogenesis. <i>Methods in Enzymology</i> , 2008, 445, 343-371.	1.0	4
53	PI3K \hat{I}^3 stimulates a high molecular weight form of myosin light chain kinase to promote myeloid cell adhesion and tumor inflammation. <i>Nature Communications</i> , 2022, 13, 1768.	12.8	4
54	Rel-ating myeloid cells to cancer therapy. <i>Nature Cancer</i> , 2020, 1, 480-481.	13.2	2

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55	Stem Cells, Angiogenesis, and Neurogenesis in Tumors. , 2009, , 247-252.		1
56	Lymphangiogenesis. , 2011, , 2117-2119.		1
57	An Inexpensive Vascularized Tumor Model for Vascular Imaging. Academic Radiology, 2005, 12, S41-S42.	2.5	0
58	Molecular Control of Lymphatic Metastasis in Lung Cancer. , 2009, , 173-191.		0
59	Integrin-Extracellular Matrix Interactions. , 2011, , 347-360.		0
60	Fibronectins and Their Receptors in Cancer. , 2010, , 111-136.		0
61	Abstract 411: PI3 Kinase gamma control of Arginase-1 expression promotes tumor immunosuppression. , 2012, , .		0
62	Lymphangiogenesis. , 2014, , 1-5.		0
63	Abstract 3650: PI3-kinase gamma controls the macrophage M1-M2 switch, thereby promoting tumor immunosuppression and progression. , 2014, , .		0
64	Abstract SY03-01: Macrophage PI3Kgamma drives cancer immune suppression. , 2016, , .		0
65	Abstract 718: Macrophage PI3Kgamma signaling promotes cancer immune suppression. , 2016, , .		0
66	The Role of Integrins in Tumor Angiogenesis. , 2008, , 49-71.		0
67	Lymphangiogenesis. , 2008, , 1727-1729.		0