

Julie Gavard

List of Publications by Year in descending order

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91
papers

11,047
citations

101384

36
h-index

43802

91
g-index

104
all docs

104
docs citations

104
times ranked

23568
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	VEGF controls endothelial-cell permeability by promoting the β 2-arrestin-dependent endocytosis of VE-cadherin. <i>Nature Cell Biology</i> , 2006, 8, 1223-1234.	4.6	884
3	Targeted Killing of Cancer Cells <i>in Vivo</i> and <i>in Vitro</i> with EGF-Directed Carbon Nanotube-Based Drug Delivery. <i>ACS Nano</i> , 2009, 3, 307-316.	7.3	796
4	Angiopoietin-1 Prevents VEGF-Induced Endothelial Permeability by Sequestering Src through mDia. <i>Developmental Cell</i> , 2008, 14, 25-36.	3.1	353
5	Vascular Permeability and Drug Delivery in Cancers. <i>Frontiers in Oncology</i> , 2013, 3, 211.	1.3	246
6	Regulation of cell-cell junctions by the cytoskeleton. <i>Current Opinion in Cell Biology</i> , 2006, 18, 541-548.	2.6	243
7	Glioblastoma stem-like cells secrete the pro-angiogenic VEGF-A factor in extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1359479.	5.5	206
8	An essential role for Rac1 in endothelial cell function and vascular development. <i>FASEB Journal</i> , 2008, 22, 1829-1838.	0.2	193
9	Endothelial permeability and VE-cadherin. <i>Cell Adhesion and Migration</i> , 2014, 8, 158-164.	1.1	191
10	Evaluation of iron oxide nanoparticle biocompatibility. <i>International Journal of Nanomedicine</i> , 2011, 6, 787.	3.3	143
11	Semaphorin 3E Initiates Antiangiogenic Signaling through Plexin D1 by Regulating Arf6 and R-Ras. <i>Molecular and Cellular Biology</i> , 2010, 30, 3086-3098.	1.1	141
12	Lamellipodium extension and cadherin adhesion: two cell responses to cadherin activation relying on distinct signalling pathways. <i>Journal of Cell Science</i> , 2004, 117, 257-270.	1.2	123
13	Breaking the VE-cadherin bonds. <i>FEBS Letters</i> , 2009, 583, 1-6.	1.3	118
14	Secreted factors from brain endothelial cells maintain glioblastoma stem-like cell expansion through the mTOR pathway. <i>EMBO Reports</i> , 2011, 12, 470-476.	2.0	114
15	A catalytic-independent role for the LUBAC in NF- κ B activation upon antigen receptor engagement and in lymphoma cells. <i>Blood</i> , 2014, 123, 2199-2203.	0.6	105
16	Plexin-B1 Utilizes RhoA and Rho Kinase to Promote the Integrin-dependent Activation of Akt and ERK and Endothelial Cell Motility. <i>Journal of Biological Chemistry</i> , 2007, 282, 34888-34895.	1.6	104
17	Magnetic properties of Zn-substituted MnFe ₂ O ₄ nanoparticles synthesized in polyol as potential heating agents for hyperthermia. Evaluation of their toxicity on Endothelial cells. <i>Chemistry of Materials</i> , 2010, 22, 5420-5429.	3.2	104
18	Extracellular vesicle-transported Semaphorin3A promotes vascular permeability in glioblastoma. <i>Oncogene</i> , 2016, 35, 2615-2623.	2.6	100

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19	VE-cadherin and claudin-5: it takes two to tango. <i>Nature Cell Biology</i> , 2008, 10, 883-885.	4.6	97
20	Tetanus neurotoxin-mediated cleavage of cellubrevin impairs epithelial cell migration and integrin-dependent cell adhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6362-6367.	3.3	86
21	Glioblastoma Cell-Secreted Interleukin-8 Induces Brain Endothelial Cell Permeability via CXCR2. <i>PLoS ONE</i> , 2012, 7, e45562.	1.1	84
22	Complementary Roles of Intracellular and Pericellular Collagen Degradation Pathways In Vivo. <i>Molecular and Cellular Biology</i> , 2007, 27, 6309-6322.	1.1	81
23	Protein Kinase C-related Kinase and ROCK Are Required for Thrombin-induced Endothelial Cell Permeability Downstream from G α 12/13 and G α 11/q. <i>Journal of Biological Chemistry</i> , 2008, 283, 29888-29896.	1.6	80
24	Differential Proteomic Analysis of Human Glioblastoma and Neural Stem Cells Reveals HDGF as a Novel Angiogenic Secreted Factor. <i>Stem Cells</i> , 2012, 30, 845-853.	1.4	71
25	Pharmacological targeting of apelin impairs glioblastoma growth. <i>Brain</i> , 2017, 140, 2939-2954.	3.7	70
26	Ral GTPases promote breast cancer metastasis by controlling biogenesis and organ targeting of exosomes. <i>ELife</i> , 2021, 10, .	2.8	70
27	A Role for a CXCR2/Phosphatidylinositol 3-Kinase β Signaling Axis in Acute and Chronic Vascular Permeability. <i>Molecular and Cellular Biology</i> , 2009, 29, 2469-2480.	1.1	67
28	Semaphorin 3A elevates endothelial cell permeability through PP2A inactivation. <i>Journal of Cell Science</i> , 2012, 125, 4137-46.	1.2	66
29	Jumping the barrier: VE-cadherin, VEGF and other angiogenic modifiers in cancer. <i>Biology of the Cell</i> , 2011, 103, 593-605.	0.7	65
30	Temozolomide affects Extracellular Vesicles Released by Glioblastoma Cells. <i>Biochimie</i> , 2018, 155, 11-15.	1.3	64
31	Zinc substituted ferrite nanoparticles with Zn _{0.9} Fe _{2.1} O ₄ formula used as heating agents for in vitro hyperthermia assay on glioma cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 416, 315-320.	1.0	59
32	Endothelial permeability and VE-cadherin. <i>Cell Adhesion and Migration</i> , 2013, 7, 465-471.	1.1	58
33	The paracaspase MALT1 cleaves the LUBAC subunit HOIL1 during antigen receptor signaling. <i>Journal of Cell Science</i> , 2016, 129, 1775-80.	1.2	54
34	N-cadherin Activation Substitutes for the Cell Contact Control in Cell Cycle Arrest and Myogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 36795-36802.	1.6	53
35	Tyrosine phosphorylation of DEP-1/CD148 as a mechanism controlling Src kinase activation, endothelial cell permeability, invasion, and capillary formation. <i>Blood</i> , 2012, 120, 2745-2756.	0.6	53
36	Clustering of cellular prion protein induces ERK1/2 and stathmin phosphorylation in GT1-7 neuronal cells. <i>FEBS Letters</i> , 2004, 576, 114-118.	1.3	50

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37	The C-terminus region of β 2-arrestin1 modulates VE-cadherin expression and endothelial cell permeability. <i>Cell Communication and Signaling</i> , 2013, 11, 37.	2.7	37
38	PARP targeting counteracts gliomagenesis through induction of mitotic catastrophe and aggravation of deficiency in homologous recombination in PTEN-mutant glioma. <i>Oncotarget</i> , 2015, 6, 4790-4803.	0.8	37
39	The Endoplasmic Reticulum Acts as a Platform for Ubiquitylated Components of Nuclear Factor κ B Signaling. <i>Science Signaling</i> , 2013, 6, ra79.	1.6	36
40	A novel function for cadherin-11 in the regulation of motor axon elongation and fasciculation. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 715-726.	1.0	35
41	Tumor Vessels Fuel the Fire in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6514.	1.8	35
42	PAKING up to the endothelium. <i>Cellular Signalling</i> , 2009, 21, 1727-1737.	1.7	34
43	Paracaspase MALT1 regulates glioma cell survival by controlling endo-lysosome homeostasis. <i>EMBO Journal</i> , 2020, 39, e102030.	3.5	33
44	Multiple PPPS/TP motifs act in a combinatorial fashion to transduce Wnt signaling through LRP6. <i>FEBS Letters</i> , 2008, 582, 255-261.	1.3	32
45	Spitting out the demons: Extracellular vesicles in glioblastoma. <i>Cell Adhesion and Migration</i> , 2017, 11, 164-172.	1.1	32
46	Pannexin-1 limits the production of proinflammatory cytokines during necroptosis. <i>EMBO Reports</i> , 2019, 20, e47840.	2.0	32
47	CYLD Regulates Centriolar Satellites Proteostasis by Counteracting the E3 Ligase MIB1. <i>Cell Reports</i> , 2019, 27, 1657-1665.e4.	2.9	30
48	Proteomes of umbilical vein and microvascular endothelial cells reflect distinct biological properties and influence immune recognition. <i>Proteomics</i> , 2012, 12, 2547-2555.	1.3	28
49	Negative regulation of NF- κ B signaling in T lymphocytes by the ubiquitin-specific protease USP34. <i>Cell Communication and Signaling</i> , 2013, 11, 25.	2.7	27
50	Cadherin-based cell adhesion in neuromuscular development. <i>Biology of the Cell</i> , 2002, 94, 315-326.	0.7	25
51	Remodeling of VE-cadherin junctions by the human herpes virus 8 G-protein coupled receptor. <i>Oncogene</i> , 2011, 30, 190-200.	2.6	24
52	Emerging roles of Semaphorins in the regulation of epithelial and endothelial junctions. <i>Tissue Barriers</i> , 2013, 1, e23272.	1.6	23
53	Preeclamptic Plasma Induces Transcription Modifications Involving the AP-1 Transcriptional Regulator JDP2 in Endothelial Cells. <i>American Journal of Pathology</i> , 2013, 183, 1993-2006.	1.9	22
54	Differential Effects of <i>Bartonella henselae</i> on Human and Feline Macro- and Micro-Vascular Endothelial Cells. <i>PLoS ONE</i> , 2011, 6, e20204.	1.1	21

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55	Vesiclemia: counting on extracellular vesicles for glioblastoma patients. <i>Oncogene</i> , 2020, 39, 6043-6052.	2.6	21
56	Î²-escin selectively targets the glioblastoma-initiating cell population and reduces cell viability. <i>Oncotarget</i> , 2016, 7, 66865-66879.	0.8	20
57	Nanotoxicological study of polyol-made cobalt-zinc ferrite nanoparticles in rabbit. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 321-327.	2.0	18
58	The E3 ubiquitin ligase <sc>MARCH</sc>3 controls the endothelial barrier. <i>FEBS Letters</i> , 2016, 590, 3660-3668.	1.3	18
59	Luteolin Impacts on the DNA Damage Pathway in Oral Squamous Cell Carcinoma. <i>Nutrition and Cancer</i> , 2016, 68, 838-847.	0.9	18
60	Role of Endothelial Cell-Cell Junctions in Endothelial Permeability. <i>Methods in Molecular Biology</i> , 2011, 763, 265-279.	0.4	18
61	Once upon a time there was Î²-catenin in cadherin-mediated signalling. <i>Biology of the Cell</i> , 2005, 97, 921-926.	0.7	17
62	A dileucine motif targets MCAM-I cell adhesion molecule to the basolateral membrane in MDCK cells. <i>FEBS Letters</i> , 2006, 580, 3649-3656.	1.3	17
63	Interplay between BCL10, MALT1 and IÎ± during T-cell-receptor-mediated NFÎ±B activation. <i>Journal of Cell Science</i> , 2010, 123, 2375-2380.	1.2	17
64	The von Willebrand factor stamps plasmatic extracellular vesicles from glioblastoma patients. <i>Scientific Reports</i> , 2021, 11, 22792.	1.6	16
65	Endothelial Secreted Factors Suppress Mitogen Deprivation-Induced Autophagy and Apoptosis in Glioblastoma Stem-Like Cells. <i>PLoS ONE</i> , 2014, 9, e93505.	1.1	15
66	Control of CXCR2 activity through its ubiquitination on K327 residue. <i>BMC Cell Biology</i> , 2014, 15, 38.	3.0	15
67	Desert Hedgehog/Patch2 Axis Contributes to Vascular Permeability and Angiogenesis in Glioblastoma. <i>Frontiers in Pharmacology</i> , 2015, 6, 281.	1.6	15
68	YGLF motif in the Kaposi sarcoma herpes virus G-protein-coupled receptor adjusts NF-Î±B activation and paracrine actions. <i>Oncogene</i> , 2014, 33, 5609-5618.	2.6	14
69	Interleukin-8 Secreted by Glioblastoma Cells Induces Microvascular Hyperpermeability Through NO Signaling Involving S-Nitrosylation of VE-Cadherin and p120 in Endothelial Cells. <i>Frontiers in Physiology</i> , 2019, 10, 988.	1.3	14
70	Neutrophil-derived extracellular vesicles induce endothelial inflammation and damage through the transfer of miRNAs. <i>Journal of Autoimmunity</i> , 2022, 129, 102826.	3.0	14
71	Deciphering Tumor Niches: Lessons From Solid and Hematological Malignancies. <i>Frontiers in Immunology</i> , 2021, 12, 766275.	2.2	13
72	The guanine exchange factor SWAP70 mediates vGPCR-induced endothelial plasticity. <i>Cell Communication and Signaling</i> , 2015, 13, 11.	2.7	11

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73	Serine 165 phosphorylation of SHARPIN regulates the activation of NF- κ B. IScience, 2021, 24, 101939.	1.9	11
74	Apelin, the Devil Inside Brain Tumors. Journal of Experimental Neuroscience, 2018, 12, 117906951875968.	2.3	9
75	Critical multiple angiogenic factors secreted by glioblastoma stem-like cells underline the need for combinatorial anti-angiogenic therapeutic strategies. Proteomics - Clinical Applications, 2013, 7, 79-90.	0.8	7
76	A Molecular Crosstalk between E-cadherin and EGFR Signaling Networks. , 2008, , 131-146.		7
77	Antiangiogenic Compound Axitinib Demonstrates Low Toxicity and Antitumoral Effects against Medulloblastoma. Cancers, 2022, 14, 70.	1.7	7
78	Lysosomes in glioblastoma: pump up the volume. Cell Cycle, 2020, 19, 2094-2104.	1.3	6
79	Participation of the E3-ligase TRIM13 in NF- κ B p65 activation and NFAT-dependent activation of c-Rel upon T-cell receptor engagement. International Journal of Biochemistry and Cell Biology, 2014, 54, 217-222.	1.2	5
80	Neutralizing gp130 interferes with endothelial-mediated effects on glioblastoma stem-like cells. Cell Death and Differentiation, 2017, 24, 384-384.	5.0	5
81	Ferrite Nanoparticles for Cancer Hyperthermia Therapy. , 2018, , 638-661.		5
82	Inhibition of mTOR in head and neck cancer cells alters endothelial cell morphology in a paracrine fashion. Molecular Carcinogenesis, 2019, 58, 161-168.	1.3	5
83	Loss of the Metastasis Suppressor NME1, But Not of Its Highly Related Isoform NME2, Induces a Hybrid Epithelial-Mesenchymal State in Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 3718.	1.8	5
84	The LUBAC participates in lysophosphatidic acid-induced NF- κ B activation. Cellular Immunology, 2020, 353, 104133.	1.4	4
85	TAK1 lessens the activity of the paracaspase MALT1 during T cell receptor signaling. Cellular Immunology, 2020, 353, 104115.	1.4	4
86	The glycoprotein GP130 governs the surface presentation of the G protein-coupled receptor APLNR. Journal of Cell Biology, 2021, 220, .	2.3	4
87	3D Endothelial Cell Migration. Methods in Molecular Biology, 2018, 1749, 51-58.	0.4	3
88	Assaying the Action of Secreted Semaphorins on Vascular Permeability. Methods in Molecular Biology, 2017, 1493, 417-427.	0.4	2
89	Endothelial Cell-Cell Junctions in Tumor Angiogenesis. , 2019, , 91-119.		2
90	Feeding the hungry enemy: An endothelial recipe for glioma stem cells. Cell Cycle, 2011, 10, 2403-2404.	1.3	1

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91	Endothelial Cell-Cell Junctions in Tumor Angiogenesis. , 2018, , 1-29.		0