

William B Stallcup

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1119904/publications.pdf>

Version: 2024-02-01

31
papers

2,651
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

4026
citing authors

#	ARTICLE	IF	CITATIONS
1	NG2 proteoglycan is expressed exclusively by mural cells during vascular morphogenesis. <i>Developmental Dynamics</i> , 2001, 222, 218-227.	1.8	510
2	NG2 Is a Major Chondroitin Sulfate Proteoglycan Produced after Spinal Cord Injury and Is Expressed by Macrophages and Oligodendrocyte Progenitors. <i>Journal of Neuroscience</i> , 2002, 22, 2792-2803.	3.6	440
3	Pericytes of Multiple Organs Do Not Behave as Mesenchymal Stem Cells In Vivo. <i>Cell Stem Cell</i> , 2017, 20, 345-359.e5.	11.1	393
4	Matrix Metalloproteinase-9 Facilitates Remyelination in Part by Processing the Inhibitory NG2 Proteoglycan. <i>Journal of Neuroscience</i> , 2003, 23, 11127-11135.	3.6	228
5	Entrapment via Synaptic-Like Connections between NG2 Proteoglycan+ Cells and Dystrophic Axons in the Lesion Plays a Role in Regeneration Failure after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2014, 34, 16369-16384.	3.6	116
6	A role for the NG2 proteoglycan in glioma progression. <i>Cell Adhesion and Migration</i> , 2008, 2, 192-201.	2.7	110
7	FGF2-dependent neovascularization of subcutaneous Matrigel plugs is initiated by bone marrow-derived pericytes and macrophages. <i>Development (Cambridge)</i> , 2008, 135, 523-532.	2.5	79
8	Differential responses of spinal axons to transection: influence of the NG2 proteoglycan. <i>Experimental Neurology</i> , 2005, 192, 299-309.	4.1	76
9	Early vascular deficits are correlated with delayed mammary tumorigenesis in the MMTV-PyMT transgenic mouse following genetic ablation of the NG2 proteoglycan. <i>Breast Cancer Research</i> , 2012, 14, R67.	5.0	65
10	Pericytes and immune cells contribute to complement activation in tubulointerstitial fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F516-F532.	2.7	64
11	Reduced inflammation accompanies diminished myelin damage and repair in the NG2 null mouse spinal cord. <i>Journal of Neuroinflammation</i> , 2011, 8, 158.	7.2	63
12	The Invadopodia Scaffold Protein Tks5 Is Required for the Growth of Human Breast Cancer Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0121003.	2.5	54
13	Parallel Lineage-Tracing Studies Establish Fibroblasts as the Prevailing In Vivo Adipocyte Progenitor. <i>Cell Reports</i> , 2020, 30, 571-582.e2.	6.4	50
14	The NG2 Proteoglycan in Pericyte Biology. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1109, 5-19.	1.6	48
15	Collagen VI Ablation Retards Brain Tumor Progression Due to Deficits in Assembly of the Vascular Basal Lamina. <i>American Journal of Pathology</i> , 2012, 180, 1145-1158.	3.8	43
16	Loss of Caveolin-1 Causes Blood-Retinal Barrier Breakdown, Venous Enlargement, and Mural Cell Alteration. <i>American Journal of Pathology</i> , 2014, 184, 541-555.	3.8	43
17	NG2 Proteoglycan-Dependent Contributions of Pericytes and Macrophages to Brain Tumor Vascularization and Progression. <i>Microcirculation</i> , 2016, 23, 122-133.	1.8	38
18	NG2 proteoglycan-dependent recruitment of tumor macrophages promotes pericyte-endothelial cell interactions required for brain tumor vascularization. <i>Oncolmmunology</i> , 2015, 4, e1001204.	4.6	35

#	ARTICLE	IF	CITATIONS
19	NG2-proteoglycan-dependent contributions of oligodendrocyte progenitors and myeloid cells to myelin damage and repair. <i>Journal of Neuroinflammation</i> , 2015, 12, 161.	7.2	34
20	NG2 Proteoglycan Enhances Brain Tumor Progression by Promoting Beta-1 Integrin Activation in both Cis and Trans Orientations. <i>Cancers</i> , 2017, 9, 31.	3.7	28
21	Cell surface chondroitin sulphate proteoglycan 4 (CSPG4) binds to the basement membrane heparan sulphate proteoglycan, perlecan, and is involved in cell adhesion. <i>Journal of Biochemistry</i> , 2018, 163, 399-412.	1.7	23
22	Lgl1 controls NG2 endocytic pathway to regulate oligodendrocyte differentiation and asymmetric cell division and gliomagenesis. <i>Nature Communications</i> , 2018, 9, 2862.	12.8	19
23	Stonin1 mediates endocytosis of the proteoglycan NG2 and regulates focal adhesion dynamics and cell motility. <i>Nature Communications</i> , 2015, 6, 8535.	12.8	17
24	NG2 Proteoglycan Ablation Reduces Foam Cell Formation and Atherogenesis via Decreased Low-Density Lipoprotein Retention by Synthetic Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 49-59.	2.4	17
25	Effects of chondroitin sulfate proteoglycan 4 (NG2/CSPG4) on soft-tissue sarcoma growth depend on tumor developmental stage. <i>Journal of Biological Chemistry</i> , 2018, 293, 2466-2475.	3.4	16
26	Distinct NG2 proteoglycan-dependent roles of resident microglia and bone marrow-derived macrophages during myelin damage and repair. <i>PLoS ONE</i> , 2017, 12, e0187530.	2.5	14
27	Dissecting the multifactorial nature of demyelinating disease. <i>Neural Regeneration Research</i> , 2018, 13, 628.	3.0	8
28	Bidirectional Myoblast-Pericyte Plasticity. <i>Developmental Cell</i> , 2013, 24, 563-564.	7.0	7
29	Role of NG2 proteoglycan in macrophage recruitment to brain tumors and sites of CNS demyelination. <i>Trends in Cell & Molecular Biology</i> , 2016, 11, 55-65.	0.5	7
30	Localization of VEGF to Vascular ECM Is an Important Aspect of Tumor Angiogenesis. <i>Cancers</i> , 2017, 9, 97.	3.7	6
31	Lymphatic/Blood Endothelial Cell Connections at the Capillary Level in Adult Rat Mesentery. <i>Anatomical Record</i> , 2010, 293, spc1-spc1.	1.4	0