

# Guillem GenovÀ©

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

6,136  
citations

516215

16  
h-index

676716

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

9529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericytes regulate the blood-brain barrier. <i>Nature</i> , 2010, 468, 557-561.	13.7	2,214
2	Pericytes: Developmental, Physiological, and Pathological Perspectives, Problems, and Promises. <i>Developmental Cell</i> , 2011, 21, 193-215.	3.1	2,123
3	Endothelial-Mural Cell Signaling in Vascular Development and Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 630-638.	1.1	784
4	Single-cell analysis uncovers fibroblast heterogeneity and criteria for fibroblast and mural cell identification and discrimination. <i>Nature Communications</i> , 2020, 11, 3953.	5.8	316
5	Identification of a Core Set of 58 Gene Transcripts With Broad and Specific Expression in the Microvasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1469-1476.	1.1	95
6	Generation and Characterization of <i>Rgs5</i> Mutant Mice. <i>Molecular and Cellular Biology</i> , 2008, 28, 2324-2331.	1.1	78
7	Effects of a Disrupted Blood-Brain Barrier on Cholesterol Homeostasis in the Brain. <i>Journal of Biological Chemistry</i> , 2014, 289, 23712-23722.	1.6	78
8	The Absence of Pericytes Does Not Increase the Sensitivity of Tumor Vasculature to Vascular Endothelial Growth Factor-A Blockade. <i>Cancer Research</i> , 2010, 70, 5109-5115.	0.4	77
9	Role of Tumor Pericytes in the Recruitment of Myeloid-Derived Suppressor Cells. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv209.	3.0	57
10	Loss of Regulator of G-Protein Signaling 5 Leads to Neurovascular Protection in Stroke. <i>Stroke</i> , 2018, 49, 2182-2190.	1.0	43
11	<i>RGS5</i> promotes arterial growth during arteriogenesis. <i>EMBO Molecular Medicine</i> , 2014, 6, 1075-1089.	3.3	41
12	Endogenous Brain Pericytes Are Widely Activated and Contribute to Mouse Glioma Microvasculature. <i>PLoS ONE</i> , 2015, 10, e0123553.	1.1	41
13	The SARS-CoV-2 receptor ACE2 is expressed in mouse pericytes but not endothelial cells: Implications for COVID-19 vascular research. <i>Stem Cell Reports</i> , 2022, 17, 1089-1104.	2.3	41
14	Animal Models of Diabetic Macrovascular Complications: Key Players in the Development of New Therapeutic Approaches. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-14.	1.0	30
15	Regulator of G-protein signaling 5 regulates the shift from perivascular to parenchymal pericytes in the chronic phase after stroke. <i>FASEB Journal</i> , 2019, 33, 8990-8998.	0.2	23
16	Prolonged systemic hyperglycemia does not cause pericyte loss and permeability at the mouse blood-brain barrier. <i>Scientific Reports</i> , 2018, 8, 17462.	1.6	19
17	Vascular dysfunction and increased metastasis of B16F10 melanomas in <i>Shb</i> deficient mice as compared with their wild type counterparts. <i>BMC Cancer</i> , 2015, 15, 234.	1.1	16
18	Increased flux of the plant sterols campesterol and sitosterol across a disrupted blood brain barrier. <i>Steroids</i> , 2015, 99, 183-188.	0.8	14

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19	Parenchymal pericytes are not the major contributor of extracellular matrix in the fibrotic scar after stroke in male mice. <i>Journal of Neuroscience Research</i> , 2020, 98, 826-842.	1.3	13
20	An Endothelial Gene Signature Score Predicts Poor Outcome in Patients with Endocrine-Treated, Low Genomic Grade Breast Tumors. <i>Clinical Cancer Research</i> , 2016, 22, 2417-2426.	3.2	8
21	Extracellular retention of PDGF-B directs vascular remodeling in mouse hypoxia-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L593-L605.	1.3	8
22	RGS5 Determines Neutrophil Migration in the Acute Inflammatory Phase of Bleomycin-Induced Lung Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9342.	1.8	2
23	Abstract 441: Rgs5 Controls Myogenic Responses of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0