

Sergio Crespo-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

496
citations

840119

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713013

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25
all docs

25
docs citations

25
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. <i>Science</i> , 2020, 369, .	6.0	139
2	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. <i>Cell Metabolism</i> , 2021, 33, 818-832.e7.	7.2	74
3	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4538-4547.	3.3	59
4	InÂvivo analysis of the time and spatial activation pattern of microglia in the retina following laser-induced choroidal neovascularization. <i>Experimental Eye Research</i> , 2015, 139, 13-21.	1.2	27
5	Anoctamin-4 is a bona fide Ca ²⁺ -dependent non-selective cation channel. <i>Scientific Reports</i> , 2019, 9, 2257.	1.6	25
6	Lack of netrin-4 modulates pathologic neovascularization in the eye. <i>Scientific Reports</i> , 2016, 6, 18828.	1.6	20
7	Inhibition of Placenta Growth Factor Reduces Subretinal Mononuclear Phagocyte Accumulation in Choroidal Neovascularization. , 2017, 58, 4997.		18
8	RELi protocol: Optimization for protein extraction from white, brown and beige adipose tissues. <i>MethodsX</i> , 2019, 6, 918-928.	0.7	16
9	An exploratory investigation of brain collateral circulation plasticity after cerebral ischemia in two experimental C57BL/6 mouse models. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 276-287.	2.4	15
10	Hypertensive retinopathy in a transgenic angiotensin-based model. <i>Clinical Science</i> , 2016, 130, 1075-1088.	1.8	13
11	Individual and temporal variability of the retina after chronic bilateral common carotid artery occlusion (BCCAO). <i>PLoS ONE</i> , 2018, 13, e0193961.	1.1	13
12	Myeloid cells contribute indirectly to VEGF expression upon hypoxia via activation of MÃ¼ller cells. <i>Experimental Eye Research</i> , 2018, 166, 56-69.	1.2	11
13	Rab27a GTPase modulates L-type Ca ²⁺ channel function via interaction with the IIÎ“III linker of Ca V 1.3 subunit. <i>Cellular Signalling</i> , 2015, 27, 2231-2240.	1.7	10
14	The TetO rat as a new translational model for type 2 diabetic retinopathy by inducible insulin receptor knockdown. <i>Diabetologia</i> , 2017, 60, 202-211.	2.9	10
15	Myeloidâ€resident neuropilinâ€1 promotes choroidal neovascularization while mitigating inflammation. <i>EMBO Molecular Medicine</i> , 2021, 13, e11754.	3.3	9
16	Effects of empagliflozin and target-organ damage in a novel rodent model of heart failure induced by combined hypertension and diabetes. <i>Scientific Reports</i> , 2020, 10, 14061.	1.6	8
17	miR-106b suppresses pathological retinal angiogenesis. <i>Aging</i> , 2020, 12, 24836-24852.	1.4	8
18	Remote diffuse reflectance spectroscopy sensor for tissue engineering monitoring based on blind signal separation. <i>Biomedical Optics Express</i> , 2014, 5, 3231.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Lack of netrin-4 alters vascular remodeling in the retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2179-2184.	1.0	6
20	Anti-Inflammatory Role of Netrin-4 in Diabetic Retinopathy. International Journal of Molecular Sciences, 2021, 22, 4481.	1.8	4
21	Spatial distribution of CD115+ and CD11b+ cells and their temporal activation during oxygen-induced retinopathy in mice. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 313-323.	1.0	2
22	Myeloid-resident neuropilin-1 influences brown adipose tissue in obesity. Scientific Reports, 2021, 11, 15767.	1.6	1
23	Dataset on the activation of M \bar{A} 1/4ller cells through macrophages upon hypoxia in the retina. Data in Brief, 2018, 16, 489-500.	0.5	0