

# Gerard Callejo

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

986  
citations

567281

15  
h-index

642732

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNAseq reveals seven classes of colonic sensory neuron. <i>Gut</i> , 2019, 68, 633-644.	12.1	196
2	Functional and Molecular Characterization of Mechanoinsensitive $\alpha$ -Nociceptors. <i>Cell Reports</i> , 2017, 21, 3102-3115.	6.4	123
3	TRESK Channel Contribution to Nociceptive Sensory Neurons Excitability: Modulation by Nerve Injury. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-30.	2.1	118
4	Abnormal activity of corneal cold thermoreceptors underlies the unpleasant sensations in dry eye disease. <i>Pain</i> , 2016, 157, 399-417.	4.2	86
5	Insights into MLC pathogenesis: GlialCAM is an MLC1 chaperone required for proper activation of volume-regulated anion currents. <i>Human Molecular Genetics</i> , 2013, 22, 4405-4416.	2.9	50
6	Acid-sensing ion channels detect moderate acidifications to induce ocular pain. <i>Pain</i> , 2015, 156, 483-495.	4.2	47
7	Evolution of acid nociception: ion channels and receptors for detecting acid. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190291.	4.0	45
8	Acute inflammation sensitizes knee-innervating sensory neurons and decreases mouse digging behavior in a TRPV1-dependent manner. <i>Neuropharmacology</i> , 2018, 143, 49-62.	4.1	42
9	Depolarization causes the formation of a ternary complex between GlialCAM, MLC1 and CIC-2 in astrocytes: implications in megalencephalic leukoencephalopathy. <i>Human Molecular Genetics</i> , 2017, 26, 2436-2450.	2.9	33
10	Modulation of TRESK Background K <sup>+</sup> Channel by Membrane Stretch. <i>PLoS ONE</i> , 2013, 8, e64471.	2.5	29
11	TRESK background K <sup>+</sup> channel deletion selectively uncovers enhanced mechanical and cold sensitivity. <i>Journal of Physiology</i> , 2020, 598, 1017-1038.	2.9	29
12	Intraarticular Adeno-Associated Virus Serotype AAV $\phi$ PHPS $\phi$ Mediated Chemogenetic Targeting of Knee-Innervating Dorsal Root Ganglion Neurons Alleviates Inflammatory Pain in Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 1749-1758.	5.6	24
13	Sensitization of knee-innervating sensory neurons by tumor necrosis factor- $\alpha$ -activated fibroblast-like synoviocytes: an in vitro, coculture model of inflammatory pain. <i>Pain</i> , 2020, 161, 2129-2141.	4.2	23
14	Pyrethroids inhibit K <sub>2P</sub> channels and activate sensory neurons: basis of insecticide-induced paraesthesias. <i>Pain</i> , 2018, 159, 92-105.	4.2	22
15	Increased hyperpolarized [ <sup>13</sup> C] lactate production in a model of joint inflammation is not accompanied by tissue acidosis as assessed using hyperpolarized <sup>13</sup> C-labelled bicarbonate. <i>NMR in Biomedicine</i> , 2018, 31, e3892.	2.8	21
16	Human Labor Pain Is Influenced by the Voltage-Gated Potassium Channel KV6.4 Subunit. <i>Cell Reports</i> , 2020, 32, 107941.	6.4	18
17	Naked mole-rat acid-sensing ion channel 3 forms nonfunctional homomers, but functional heteromers. <i>Journal of Biological Chemistry</i> , 2018, 293, 1756-1766.	3.4	17
18	The Background K <sup>+</sup> Channel TRESK in Sensory Physiology and Pain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5206.	4.1	16

#	ARTICLE	IF	CITATIONS
19	In silico screening of GMQ-like compounds reveals guanabenz and sephin1 as new allosteric modulators of acid-sensing ion channel 3. <i>Biochemical Pharmacology</i> , 2020, 174, 113834.	4.4	12
20	Differential regulation of MMP7 in colon cancer cells resistant and sensitive to oxaliplatin-induced cell death. <i>Cancer Biology and Therapy</i> , 2011, 11, 4-13.	3.4	8
21	Proton Sensing on the Ocular Surface: Implications in Eye Pain. <i>Frontiers in Pharmacology</i> , 2021, 12, 773871.	3.5	8
22	Acid and inflammatory sensitisation of naked mole-rat colonic afferent nerves. <i>Molecular Pain</i> , 2020, 16, 174480692090315.	2.1	6
23	Prdm12 modulates pain-related behavior by remodeling gene expression in mature nociceptors. <i>Pain</i> , 2022, 163, e927-e941.	4.2	3