Donald G Puro

List of Publications by Year in descending order

20 papers	717 citations	687363 13 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	858 citing authors

#	Article	IF	Citations
1	Impact of P2X7 Purinoceptors on Goblet Cell Function: Implications for Dry Eye. International Journal of Molecular Sciences, 2021, 22, 6935.	4.1	7
2	Bioelectric Responses of Conjunctival Goblet Cells to Dry Eye: Impact of Ion Channels on Exocytotic Function and Viability. International Journal of Molecular Sciences, 2020, 21, 9415.	4.1	3
3	How goblet cells respond to dry eye: adaptive and pathological roles of voltage-gated calcium channels and P2X₇ purinoceptors. American Journal of Physiology - Cell Physiology, 2020, 318, C1305-C1315.	4.6	5
4	Electrotonic transmission in the retinal vasculature: inhibitory role of the diabetes/ VEGF / aPKC pathway. Physiological Reports, 2019, 7, e14095.	1.7	8
5	Purinergic Vasotoxicity: Role of the Pore/Oxidant/KATP Channel/Ca2+ Pathway in P2X7-Induced Cell Death in Retinal Capillaries. Vision (Switzerland), 2018, 2, 25.	1.2	15
6	Role of ion channels in the functional response of conjunctival goblet cells to dry eye. American Journal of Physiology - Cell Physiology, 2018, 315, C236-C246.	4.6	12
7	Bioelectric impact of pathological angiogenesis on vascular function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9934-9939.	7.1	29
8	Vulnerability of the retinal microvasculature to oxidative stress: ion channel-dependent mechanisms. American Journal of Physiology - Cell Physiology, 2012, 302, C1413-C1420.	4.6	24
9	Retinovascular physiology and pathophysiology: New experimental approach/new insights. Progress in Retinal and Eye Research, 2012, 31, 258-270.	15.5	42
10	Physiology and Pathobiology of the Pericyteâ€Containing Retinal Microvasculature: New Developments. Microcirculation, 2007, 14, 1-10.	1.8	114
11	NAD+-Induced Vasotoxicity in the Pericyte-Containing Microvasculature of the Rat Retina: Effect of Diabetes. , 2006, 47, 5032.		23
12	Regulation of P2X7-induced pore formation and cell death in pericyte-containing retinal microvessels. American Journal of Physiology - Cell Physiology, 2005, 288, C568-C576.	4.6	69
13	Enhancement of P2X₇-Induced Pore Formation and Apoptosis: An Early Effect of Diabetes on the Retinal Microvasculature. , 2004, 45, 1026.		87
14	Diabetes-induced dysfunction of retinal MÃ¼ller cells. Transactions of the American Ophthalmological Society, 2002, 100, 339-52.	1.4	59
15	Dopamine activates ATP-sensitive K⁺ currents in rat retinal pericytes. Visual Neuroscience, 2001, 18, 935-940.	1.0	50
16	Platelet-derived growth factor-BB: A survival factor for the retinal microvasculature during periods of metabolic compromise. Current Eye Research, 2001, 23, 93-97.	1.5	15
17	Plasma-induced changes in the physiology of mammalian retinal glial cells: Role of glutamate. Glia, 1999, 25, 205-215.	4.9	15
18	Serum-induced changes in the physiology of mammalian retinal glial cells: role of lysophosphatidic acid. Journal of Physiology, 1998, 506, 445-458.	2.9	25

#	Article	IF	Citations
19	SHORT COMMUNICATION : Expression of transforming growth factor-ÃŸs and their receptors by human retinal glial cells. Current Eye Research, 1998, 17, 546-550.	1.5	33
20	Activation of NMDA receptor-channels in human retinal MÃ¼ller glial cells inhibits inward-rectifying potassium currents. Visual Neuroscience, 1996, 13, 319-326.	1.0	82