Ricardo Pardal

List of Publications by Year in Descending Order

50 papers	7,630 citations	25 h-index	87 g-index
95 ext. papers	8,184 ext. citations	12.4 avg, IF	5.58 L-index

#	Paper	IF	Citations
50	A protocol to enrich in undifferentiated cells from neuroblastoma tumor tissue samples and cell lines.. *STAR Protocols*, **2022**, 3, 101260	1.4	
49	Response to "High CD44 expression is not a prognosis marker in patients with high-risk neuroblastoma". *EBioMedicine*, **2020**, 53, 102703	8.8	
48	Identification of VRK1 as a New Neuroblastoma Tumor Progression Marker Regulating Cell Proliferation. *Cancers*, **2020**, 12,	6.6	4
47	Progenitor Cell Heterogeneity in the Adult Carotid Body Germinal Niche. *Advances in Experimental Medicine and Biology*, **2019**, 1123, 19-38	3.6	2
46	Loss of postnatal quiescence of neural stem cells through mTOR activation upon genetic removal of cysteine string protein-□*Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 8000-8009	11.5	12
45	CD44-high neural crest stem-like cells are associated with tumour aggressiveness and poor survival in neuroblastoma tumours. *EBioMedicine*, **2019**, 49, 82-95	8.8	13
44	Hypoxia in the Initiation and Progression of Neuroblastoma Tumours. *International Journal of Molecular Sciences*, **2019**, 21,	6.3	12
43	The carotid body: a physiologically relevant germinal niche in the adult peripheral nervous system. *Cellular and Molecular Life Sciences*, **2019**, 76, 1027-1039	10.3	4
42	Fast neurogenesis from carotid body quiescent neuroblasts accelerates adaptation to hypoxia. *EMBO Reports*, **2018**, 19,	6.5	21
41	The atheroma plaque secretome stimulates the mobilization of endothelial progenitor cells ex vivo. *Journal of Molecular and Cellular Cardiology*, **2017**, 105, 12-23	5.8	10
40	Role and therapeutic potential of vascular stem/progenitor cells in pathological neovascularisation during chronic portal hypertension. *Gut*, **2017**, 66, 1306-1320	19.2	12
39	Physiological Plasticity of Neural-Crest-Derived Stem Cells in the Adult Mammalian Carotid Body. *Cell Reports*, **2017**, 19, 471-478	10.6	29
38	Neural crest derived progenitor cells contribute to tumor stroma and aggressiveness in stage 4/M neuroblastoma. *Oncotarget*, **2017**, 8, 89775-89792	3.3	3
37	Carotid body oxygen sensing and adaptation to hypoxia. *Pflugers Archiv European Journal of Physiology*, **2016**, 468, 59-70	4.6	19
36	Oxygen-sensing by arterial chemoreceptors: Mechanisms and medical translation. *Molecular Aspects of Medicine*, **2016**, 47-48, 90-108	16.7	42
35	Gene Expression Profiling Supports the Neural Crest Origin of Adult Rodent Carotid Body Stem Cells and Identifies CD10 as a Marker for Mesectoderm-Committed Progenitors. *Stem Cells*, **2016**, 34, 1637-50	5.8	14
34	Mature neurons modulate neurogenesis through chemical signals acting on neural stem cells. *Development Growth and Differentiation*, **2016**, 58, 456-62	3	12

33	Oxygen sensing by the carotid body: mechanisms and role in adaptation to hypoxia. *American Journal of Physiology - Cell Physiology*, **2016**, 310, C629-42	5.4	71
32	Neurotrophic Properties, Chemosensory Responses and Neurogenic Niche of the Human Carotid Body. *Advances in Experimental Medicine and Biology*, **2015**, 860, 139-52	3.6	4
31	Resistance of glia-like central and peripheral neural stem cells to genetically induced mitochondrial dysfunction--differential effects on neurogenesis. *EMBO Reports*, **2015**, 16, 1511-9	6.5	25
30	Resistance of subventricular neural stem cells to chronic hypoxemia despite structural disorganization of the germinal center and impairment of neuronal and oligodendrocyte survival. *Hypoxia (Auckland, N Z)*, **2015**, 3, 15-33	2.1	15
29	An O2-sensitive glomus cell-stem cell synapse induces carotid body growth in chronic hypoxia. *Cell*, **2014**, 156, 291-303	56.2	75
28	Cellular properties and chemosensory responses of the human carotid body. *Journal of Physiology*, **2013**, 591, 6157-73	3.9	40
27	Neural stem cells and transplantation studies in ParkinsonЯ disease. *Advances in Experimental Medicine and Biology*, **2012**, 741, 206-16	3.6	15
26	The neurogenic niche in the carotid body and its applicability to antiparkinsonian cell therapy. *Journal of Neural Transmission*, **2009**, 116, 975-82	4.3	19
25	Oxygen sensing in the carotid body. *Annals of the New York Academy of Sciences*, **2009**, 1177, 119-31	6.5	30
24	Carotid body oxygen sensing. *European Respiratory Journal*, **2008**, 32, 1386-98	13.6	96
23	Understanding our own neural stem cells in situ: can we benefit from them?. *Frontiers in Bioscience - Landmark*, **2007**, 12, 3125-32	2.8	1
22	Glia-like stem cells sustain physiologic neurogenesis in the adult mammalian carotid body. *Cell*, **2007**, 131, 364-77	56.2	251
21	Increasing p16INK4a expression decreases forebrain progenitors and neurogenesis during ageing. *Nature*, **2006**, 443, 448-52	50.4	793
20	Stem cell self-renewal and cancer cell proliferation are regulated by common networks that balance the activation of proto-oncogenes and tumor suppressors. *Cold Spring Harbor Symposia on Quantitative Biology*, **2005**, 70, 177-85	3.9	104
19	Bmi-1 promotes neural stem cell self-renewal and neural development but not mouse growth and survival by repressing the p16Ink4a and p19Arf senescence pathways. *Genes and Development*, **2005**, 19, 1432-7	12.6	480
18	Diverse mechanisms regulate stem cell self-renewal. *Current Opinion in Cell Biology*, **2004**, 16, 700-7	9	257
17	Oxygen Sensing, Oxygen-sensitive Ion Channels and Mitochondrial Function in Arterial Chemoreceptors **2004**, 361-373		
16	Autotransplantation of human carotid body cell aggregates for treatment of ParkinsonЯ disease. *Neurosurgery*, **2003**, 53, 321-8; discussion 328-30	3.2	81

15	Trophic restoration of the nigrostriatal dopaminergic pathway in long-term carotid body-grafted parkinsonian rats. *Journal of Neuroscience*, **2003**, 23, 141-8	6.6	70
14	Bmi-1 dependence distinguishes neural stem cell self-renewal from progenitor proliferation. *Nature*, **2003**, 425, 962-7	50.4	1107
13	Fusion of bone-marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes. *Nature*, **2003**, 425, 968-73	50.4	1381
12	Applying the principles of stem-cell biology to cancer. *Nature Reviews Cancer*, **2003**, 3, 895-902	31.3	1329
11	Hirschsprung disease is linked to defects in neural crest stem cell function. *Science*, **2003**, 301, 972-6	33.3	188
10	Rotenone selectively occludes sensitivity to hypoxia in rat carotid body glomus cells. *Journal of Physiology*, **2003**, 548, 789-800	3.9	91
9	Glucose sensing cells in the carotid body. *Advances in Experimental Medicine and Biology*, **2003**, 536, 47-53	3.6	3
8	Studies on glomus cell sensitivity to hypoxia in carotid body slices. *Advances in Experimental Medicine and Biology*, **2003**, 536, 65-73	3.6	9
7	Low glucose-sensing cells in the carotid body. *Nature Neuroscience*, **2002**, 5, 197-8	25.5	166
6	Carotid body thin slices: responses of glomus cells to hypoxia and K(+)-channel blockers. *Respiratory Physiology and Neurobiology*, **2002**, 132, 69-79	2.8	25
5	Dopaminergic cells of the carotid body: physiological significance and possible therapeutic applications in Parkinson's disease. *Brain Research Bulletin*, **2002**, 57, 847-53	3.9	23
4	Cellular mechanism of oxygen sensing. *Annual Review of Physiology*, **2001**, 63, 259-87	23.1	461
3	Secretory responses of intact glomus cells in thin slices of rat carotid body to hypoxia and tetraethylammonium. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 2361-6	11.5	114
2	Collapse of conductance is prevented by a glutamate residue conserved in voltage-dependent K(+) channels. *Journal of General Physiology*, **2000**, 116, 181-90	3.4	35
1	K+ and Ca2+ channel activity and cytosolic [Ca2+] in oxygen-sensing tissues. *Respiration Physiology*, **1999**, 115, 215-27		58