

# Ricardo Pardal

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7700579/ricardo-pardal-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Fusion of bone-marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes. <i>Nature</i> , <b>2003</b> , 425, 968-73	50.4	1381
49	Applying the principles of stem-cell biology to cancer. <i>Nature Reviews Cancer</i> , <b>2003</b> , 3, 895-902	31.3	1329
48	Bmi-1 dependence distinguishes neural stem cell self-renewal from progenitor proliferation. <i>Nature</i> , <b>2003</b> , 425, 962-7	50.4	1107
47	Increasing p16INK4a expression decreases forebrain progenitors and neurogenesis during ageing. <i>Nature</i> , <b>2006</b> , 443, 448-52	50.4	793
46	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. <i>Genes and Development</i> , <b>2005</b> , 19, 1432-7	12.6	480
45	Cellular mechanism of oxygen sensing. <i>Annual Review of Physiology</i> , <b>2001</b> , 63, 259-87	23.1	461
44	Diverse mechanisms regulate stem cell self-renewal. <i>Current Opinion in Cell Biology</i> , <b>2004</b> , 16, 700-7	9	257
43	Glia-like stem cells sustain physiologic neurogenesis in the adult mammalian carotid body. <i>Cell</i> , <b>2007</b> , 131, 364-77	56.2	251
42	Hirschsprung disease is linked to defects in neural crest stem cell function. <i>Science</i> , <b>2003</b> , 301, 972-6	33.3	188
41	Low glucose-sensing cells in the carotid body. <i>Nature Neuroscience</i> , <b>2002</b> , 5, 197-8	25.5	166
40	Secretory responses of intact glomus cells in thin slices of rat carotid body to hypoxia and tetraethylammonium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 2361-6	11.5	114
39	Stem cell self-renewal and cancer cell proliferation are regulated by common networks that balance the activation of proto-oncogenes and tumor suppressors. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2005</b> , 70, 177-85	3.9	104
38	Carotid body oxygen sensing. <i>European Respiratory Journal</i> , <b>2008</b> , 32, 1386-98	13.6	96
37	Rotenone selectively occludes sensitivity to hypoxia in rat carotid body glomus cells. <i>Journal of Physiology</i> , <b>2003</b> , 548, 789-800	3.9	91
36	Autotransplantation of human carotid body cell aggregates for treatment of Parkinson's disease. <i>Neurosurgery</i> , <b>2003</b> , 53, 321-8; discussion 328-30	3.2	81
35	An O <sub>2</sub> -sensitive glomus cell-stem cell synapse induces carotid body growth in chronic hypoxia. <i>Cell</i> , <b>2014</b> , 156, 291-303	56.2	75
34	Oxygen sensing by the carotid body: mechanisms and role in adaptation to hypoxia. <i>American Journal of Physiology - Cell Physiology</i> , <b>2016</b> , 310, C629-42	5.4	71

33	Trophic restoration of the nigrostriatal dopaminergic pathway in long-term carotid body-grafted parkinsonian rats. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 141-8	6.6	70
32	K <sup>+</sup> and Ca <sup>2+</sup> channel activity and cytosolic [Ca <sup>2+</sup> ] in oxygen-sensing tissues. <i>Respiration Physiology</i> , <b>1999</b> , 115, 215-27		58
31	Oxygen-sensing by arterial chemoreceptors: Mechanisms and medical translation. <i>Molecular Aspects of Medicine</i> , <b>2016</b> , 47-48, 90-108	16.7	42
30	Cellular properties and chemosensory responses of the human carotid body. <i>Journal of Physiology</i> , <b>2013</b> , 591, 6157-73	3.9	40
29	Collapse of conductance is prevented by a glutamate residue conserved in voltage-dependent K(+) channels. <i>Journal of General Physiology</i> , <b>2000</b> , 116, 181-90	3.4	35
28	Oxygen sensing in the carotid body. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1177, 119-31	6.5	30
27	Physiological Plasticity of Neural-Crest-Derived Stem Cells in the Adult Mammalian Carotid Body. <i>Cell Reports</i> , <b>2017</b> , 19, 471-478	10.6	29
26	Resistance of glia-like central and peripheral neural stem cells to genetically induced mitochondrial dysfunction—differential effects on neurogenesis. <i>EMBO Reports</i> , <b>2015</b> , 16, 1511-9	6.5	25
25	Carotid body thin slices: responses of glomus cells to hypoxia and K(+)-channel blockers. <i>Respiratory Physiology and Neurobiology</i> , <b>2002</b> , 132, 69-79	2.8	25
24	Dopaminergic cells of the carotid body: physiological significance and possible therapeutic applications in Parkinson's disease. <i>Brain Research Bulletin</i> , <b>2002</b> , 57, 847-53	3.9	23
23	Fast neurogenesis from carotid body quiescent neuroblasts accelerates adaptation to hypoxia. <i>EMBO Reports</i> , <b>2018</b> , 19,	6.5	21
22	Carotid body oxygen sensing and adaptation to hypoxia. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2016</b> , 468, 59-70	4.6	19
21	The neurogenic niche in the carotid body and its applicability to antiparkinsonian cell therapy. <i>Journal of Neural Transmission</i> , <b>2009</b> , 116, 975-82	4.3	19
20	Resistance of subventricular neural stem cells to chronic hypoxemia despite structural disorganization of the germinal center and impairment of neuronal and oligodendrocyte survival. <i>Hypoxia (Auckland, N Z)</i> , <b>2015</b> , 3, 15-33	2.1	15
19	Neural stem cells and transplantation studies in Parkinson's disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 741, 206-16	3.6	15
18	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. <i>Stem Cells</i> , <b>2016</b> , 34, 1637-50	5.8	14
17	CD44-high neural crest stem-like cells are associated with tumour aggressiveness and poor survival in neuroblastoma tumours. <i>EBioMedicine</i> , <b>2019</b> , 49, 82-95	8.8	13
16	Role and therapeutic potential of vascular stem/progenitor cells in pathological neovascularisation during chronic portal hypertension. <i>Gut</i> , <b>2017</b> , 66, 1306-1320	19.2	12

15	Loss of postnatal quiescence of neural stem cells through mTOR activation upon genetic removal of cysteine string protein- $\square$ <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 8000-8009	11.5	12
14	Hypoxia in the Initiation and Progression of Neuroblastoma Tumours. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	12
13	Mature neurons modulate neurogenesis through chemical signals acting on neural stem cells. <i>Development Growth and Differentiation</i> , <b>2016</b> , 58, 456-62	3	12
12	The atheroma plaque secretome stimulates the mobilization of endothelial progenitor cells ex vivo. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2017</b> , 105, 12-23	5.8	10
11	Studies on glomus cell sensitivity to hypoxia in carotid body slices. <i>Advances in Experimental Medicine and Biology</i> , <b>2003</b> , 536, 65-73	3.6	9
10	Neurotrophic Properties, Chemosensory Responses and Neurogenic Niche of the Human Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 860, 139-52	3.6	4
9	Identification of VRK1 as a New Neuroblastoma Tumor Progression Marker Regulating Cell Proliferation. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
8	The carotid body: a physiologically relevant germinal niche in the adult peripheral nervous system. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 1027-1039	10.3	4
7	Neural crest derived progenitor cells contribute to tumor stroma and aggressiveness in stage 4/M neuroblastoma. <i>Oncotarget</i> , <b>2017</b> , 8, 89775-89792	3.3	3
6	Glucose sensing cells in the carotid body. <i>Advances in Experimental Medicine and Biology</i> , <b>2003</b> , 536, 47-53	3.6	3
5	Progenitor Cell Heterogeneity in the Adult Carotid Body Germinal Niche. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1123, 19-38	3.6	2
4	Understanding our own neural stem cells in situ: can we benefit from them?. <i>Frontiers in Bioscience - Landmark</i> , <b>2007</b> , 12, 3125-32	2.8	1
3	Response to "High CD44 expression is not a prognosis marker in patients with high-risk neuroblastoma". <i>EBioMedicine</i> , <b>2020</b> , 53, 102703	8.8	
2	Oxygen Sensing, Oxygen-sensitive Ion Channels and Mitochondrial Function in Arterial Chemoreceptors <b>2004</b> , 361-373		
1	A protocol to enrich in undifferentiated cells from neuroblastoma tumor tissue samples and cell lines.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101260	1.4	