

# Sergio Rey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1894838/publications.pdf>

Version: 2024-02-01

39  
papers

3,635  
citations

236925

25  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxic signaling in lymphatic colorectal cancer metastasis. , 2022, , 3-19.		0
2	Hypoxia orchestrates the lymphovascular-immune ensemble in cancer. Trends in Cancer, 2022, 8, 771-784.	7.4	4
3	Hypoxia: Turning vessels into vassals of cancer immunotolerance. Cancer Letters, 2020, 487, 74-84.	7.2	22
4	Metronomic chemotherapy offsets HIF $\alpha$ induction upon maximum-tolerated dose in metastatic cancers. EMBO Molecular Medicine, 2020, 12, e11416.	6.9	20
5	Cell-Autonomous Metabolic Reprogramming in Hypoxia. Trends in Cell Biology, 2018, 28, 128-142.	7.9	60
6	Hypoxic pathobiology of breast cancer metastasis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 239-245.	7.4	44
7	Integration of hypoxic HIF $\alpha$ signaling in blood cancers. Oncogene, 2017, 36, 5331-5340.	5.9	28
8	Targeting Hypoxia-Inducible Factors for Antiangiogenic Cancer Therapy. Trends in Cancer, 2017, 3, 529-541.	7.4	84
9	A $\beta$ -galactosidase probe for the detection of cellular senescence by mass cytometry. Organic and Biomolecular Chemistry, 2017, 15, 6388-6392.	2.8	21
10	Molecular targeting of hypoxia in radiotherapy. Advanced Drug Delivery Reviews, 2017, 109, 45-62.	13.7	146
11	A Nontranscriptional Role for HIF-1 $\alpha$ as a Direct Inhibitor of DNA Replication. Science Signaling, 2013, 6, ra10.	3.6	95
12	Matrix Rigidity Controls Endothelial Differentiation and Morphogenesis of Cardiac Precursors. Science Signaling, 2012, 5, ra41.	3.6	60
13	Hypoxia-inducible factor 1-dependent expression of platelet-derived growth factor B promotes lymphatic metastasis of hypoxic breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2707-16.	7.1	180
14	Tie2-dependent knockout of HIF-1 impairs burn wound vascularization and homing of bone marrow-derived angiogenic cells. Cardiovascular Research, 2012, 93, 162-169.	3.8	26
15	Metabolic reprogramming by HIF-1 promotes the survival of bone marrow-derived angiogenic cells in ischemic tissue. Blood, 2011, 117, 4988-4998.	1.4	57
16	Aging impairs the mobilization and homing of bone marrow-derived angiogenic cells to burn wounds. Journal of Molecular Medicine, 2011, 89, 985-995.	3.9	51
17	Hypoxia-inducible factor-1-dependent mechanisms of vascularization and vascular remodelling. Cardiovascular Research, 2010, 86, 236-242.	3.8	443
18	Acriflavine inhibits HIF-1 dimerization, tumor growth, and vascularization. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17910-17915.	7.1	426

#	ARTICLE	IF	CITATIONS
19	Synergistic effect of HIF-1 $\alpha$ gene therapy and HIF-1-activated bone marrow-derived angiogenic cells in a mouse model of limb ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20399-20404.	7.1	115
20	Anthracycline chemotherapy inhibits HIF-1 transcriptional activity and tumor-induced mobilization of circulating angiogenic cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2353-2358.	7.1	275
21	Lipopolysaccharide-induced carotid body inflammation in cats: functional manifestations, histopathology and involvement of tumour necrosis factor $\alpha$ . Experimental Physiology, 2008, 93, 892-907.	2.0	63
22	Contribution of Endothelin-1 and Endothelin A and B Receptors to the Enhanced Carotid Body Chemosensory Responses Induced by Chronic Intermittent Hypoxia. Advances in Experimental Medicine and Biology, 2008, 605, 228-232.	1.6	13
23	Root to leaf electrical signaling in avocado in response to light and soil water content. Journal of Plant Physiology, 2008, 165, 1070-1078.	3.5	40
24	Digoxin and other cardiac glycosides inhibit HIF-1 $\alpha$ synthesis and block tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19579-19586.	7.1	568
25	Dynamic time-varying analysis of heart rate and blood pressure variability in cats exposed to short-term chronic intermittent hypoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R28-R37.	1.8	33
26	Effects of Aging and Hypoxia-Inducible Factor-1 Activity on Angiogenic Cell Mobilization and Recovery of Perfusion After Limb Ischemia. Circulation Research, 2007, 101, 1310-1318.	4.5	266
27	Expression and Immunolocalization of Endothelin Peptides and Its Receptors, ETA and ETB, in the Carotid Body Exposed to Chronic Intermittent Hypoxia. Journal of Histochemistry and Cytochemistry, 2007, 55, 167-174.	2.5	37
28	Spatio-temporal expression of MMP-2, MMP-9 and tissue kallikrein in uteroplacental units of the pregnant guinea-pig (Cavia porcellus). Reproductive Biology and Endocrinology, 2007, 5, 27.	3.3	21
29	Fisiopatología de la hipertensión asociada al síndrome de apnea obstructiva del sueño: Evidencia de estudios clínicos y modelos animales de hipoxia crónica intermitente. Revista Medica De Chile, 2007, 135, .	0.2	2
30	Expression of Kallikrein, Bradykinin B2 Receptor, and Endothelial Nitric Oxide Synthase in Placenta in Normal Gestation, Preeclampsia, and Placenta Accreta. Endocrine, 2006, 29, 491-500.	2.2	29
31	Endothelins in the cat petrosal ganglion and carotid body: Effects and immunolocalization. Brain Research, 2006, 1069, 154-158.	2.2	19
32	Contribution of endothelin-1 to the enhanced carotid body chemosensory responses induced by chronic intermittent hypoxia. Brain Research, 2006, 1086, 152-159.	2.2	82
33	Chronic Intermittent Hypoxia Enhances Carotid Body Chemosensory Responses to Acute Hypoxia. , 2006, 580, 227-232.		6
34	Role of Endothelin-1 on the Enhanced Carotid Body Activity Induced by Chronic Intermittent Hypoxia. , 2006, 580, 345-350.		5
35	Cardiovascular and ventilatory acclimatization induced by chronic intermittent hypoxia: A role for the carotid body in the pathophysiology of sleep apnea. Biological Research, 2005, 38, 335-40.	3.4	31
36	Chronic intermittent hypoxia enhances cat chemosensory and ventilatory responses to hypoxia. Journal of Physiology, 2004, 560, 577-586.	2.9	184

#	ARTICLE	IF	CITATIONS
37	Endothelins and Nitric Oxide: Vasoactive Modulators of Carotid Body Chemoreception. Current Neurovascular Research, 2004, 1, 465-473.	1.1	27
38	Inhibitory effects of NO on carotid body: contribution of neural and endothelial nitric oxide synthase isoforms. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L57-L68.	2.9	36
39	Sodium nitroprusside blocks the cat carotid chemosensory inhibition induced by dopamine, but not that by hyperoxia. Brain Research, 1998, 799, 26-34.	2.2	16