

# Roberto Sala

## List of Publications by Citations

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

42  
papers

2,284  
citations

22  
h-index

45  
g-index

45  
ext. papers

2,454  
ext. citations

4.1  
avg, IF

3.71  
L-index

#	Paper	IF	Citations
42	Acute myocardial infarction in humans is associated with activation of programmed myocyte cell death in the surviving portion of the heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1996</b> , 28, 2005-16	5.8	414
41	Overexpression of fibronectin induced by diabetes or high glucose: phenomenon with a memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 404-8	11.5	331
40	Myeloma cells block RUNX2/CBFA1 activity in human bone marrow osteoblast progenitors and inhibit osteoblast formation and differentiation. <i>Blood</i> , <b>2005</b> , 106, 2472-83	2.2	258
39	Human myeloma cells stimulate the receptor activator of nuclear factor-kappa B ligand (RANKL) in T lymphocytes: a potential role in multiple myeloma bone disease. <i>Blood</i> , <b>2002</b> , 100, 4615-21	2.2	214
38	Production of Wnt inhibitors by myeloma cells: potential effects on canonical Wnt pathway in the bone microenvironment. <i>Cancer Research</i> , <b>2007</b> , 67, 7665-74	10.1	96
37	Proangiogenic properties of human myeloma cells: production of angiopoietin-1 and its potential relationship to myeloma-induced angiogenesis. <i>Blood</i> , <b>2003</b> , 102, 638-45	2.2	96
36	In human endothelial cells rapamycin causes mTORC2 inhibition and impairs cell viability and function. <i>Cardiovascular Research</i> , <b>2008</b> , 78, 563-71	9.9	88
35	The adaptive regulation of amino acid transport system A is associated to changes in ATA2 expression. <i>FEBS Letters</i> , <b>2001</b> , 490, 11-4	3.8	73
34	The role of the neutral amino acid transporter SNAT2 in cell volume regulation. <i>Acta Physiologica</i> , <b>2006</b> , 187, 273-83	5.6	57
33	Membrane potential changes visualized in complete growth media through confocal laser scanning microscopy of bis-oxonol-loaded cells. <i>Experimental Cell Research</i> , <b>1997</b> , 231, 260-8	4.2	54
32	Two-way arginine transport in human endothelial cells: TNF-alpha stimulation is restricted to system y(+). <i>American Journal of Physiology - Cell Physiology</i> , <b>2002</b> , 282, C134-43	5.4	53
31	Resveratrol treatment reduces cardiac progenitor cell dysfunction and prevents morpho-functional ventricular remodeling in type-1 diabetic rats. <i>PLoS ONE</i> , <b>2012</b> , 7, e39836	3.7	52
30	Amino acids are compatible osmolytes for volume recovery after hypertonic shrinkage in vascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>1999</b> , 276, C865-72	5.4	50
29	Arginine transport through system y(+)-L in cultured human fibroblasts: normal phenotype of cells from LPI subjects. <i>American Journal of Physiology - Cell Physiology</i> , <b>2000</b> , 279, C1829-37	5.4	48
28	Urolithins at physiological concentrations affect the levels of pro-inflammatory cytokines and growth factor in cultured cardiac cells in hyperglucidic conditions. <i>Journal of Functional Foods</i> , <b>2015</b> , 15, 97-105	5.1	39
27	The synthesis of SNAT2 transporters is required for the hypertonic stimulation of system A transport activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2004</b> , 1667, 157-66	3.8	34
26	The role of system A for neutral amino acid transport in the regulation of cell volume. <i>Molecular Membrane Biology</i> , <b>2001</b> , 18, 27-38	3.4	31

25	Amino acid depletion activates TonEBP and sodium-coupled inositol transport. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 280, C1465-74	5.4	30
24	INFgamma stimulates arginine transport through system y+L in human monocytes. <i>FEBS Letters</i> , <b>2004</b> , 571, 177-81	3.8	28
23	Hypertonicity induces injury to cultured human endothelium: attenuation by glutamine. <i>Annals of Thoracic Surgery</i> , <b>1997</b> , 64, 1770-5	2.7	24
22	The transport of cationic amino acids in human airway cells: expression of system y+L activity and transepithelial delivery of NOS inhibitors. <i>FASEB Journal</i> , <b>2005</b> , 19, 810-2	0.9	23
21	SNAT2 silencing prevents the osmotic induction of transport system A and hinders cell recovery from hypertonic stress. <i>FEBS Letters</i> , <b>2005</b> , 579, 3376-80	3.8	22
20	Enhancement of the uptake and cytotoxic activity of doxorubicin in cancer cells by novel cRGD-semipeptide-anchoring liposomes. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 2280-93	5.6	20
19	Rapamycin stimulates arginine influx through CAT2 transporters in human endothelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 1479-87	3.8	20
18	The stimulation of arginine transport by TNFalpha in human endothelial cells depends on NF-kappaB activation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2004</b> , 1664, 45-52	3.8	17
17	The effect of laser therapy on the expression of osteocalcin and osteopontin after tooth extraction in rats treated with zoledronate and dexamethasone. <i>Supportive Care in Cancer</i> , <b>2016</b> , 24, 807-813	3.9	16
16	Valproic acid induces the glutamate transporter excitatory amino acid transporter-3 in human oligodendrogloma cells. <i>Neuroscience</i> , <b>2012</b> , 227, 260-70	3.9	14
15	Regulation of arginine transport and metabolism by protein kinase Calpha in endothelial cells: stimulation of CAT2 transporters and arginase activity. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 260-70	5.8	14
14	"Over-inlay" block graft and differential morphometry: a novel block graft model to study bone regeneration and host-to-graft interfaces in rats. <i>Journal of Periodontal and Implant Science</i> , <b>2016</b> , 46, 220-33	2	10
13	Parenchymal and Stromal Cells Contribute to Pro-Inflammatory Myocardial Environment at Early Stages of Diabetes: Protective Role of Resveratrol. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	10
12	Down-regulation of HOXA4, HOXA7, HOXA10, HOXA11 and MEIS1 during monocyte-macrophage differentiation in THP-1 cells. <i>Molecular Medicine Reports</i> , <b>2009</b> , 2, 241-4	2.9	7
11	Stanozolol promotes osteogenic gene expression and apposition of bone mineral in vitro. <i>Journal of Applied Oral Science</i> , <b>2018</b> , 27, e20180014	3.3	7
10	Strong Notch activation hinders bevacizumab efficacy in advanced colorectal cancer. <i>Future Oncology</i> , <b>2015</b> , 11, 3167-74	3.6	6
9	Clinicopathological Bird's-Eye View of Left Atrial Myocardial Fibrosis in 121 Patients With Persistent Atrial Fibrillation: Developing Architecture and Main Cellular Players. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e007588	6.4	5
8	Endothelial cell injury induced by preservation solutions: a confocal microscopy study. <i>Annals of Thoracic Surgery</i> , <b>2002</b> , 73, 1606-14; discussion 1614-5	2.7	5

7	Stanozolol-soaked grafts enhance new bone formation in rat calvarial critical-size defects. <i>Biomedical Materials (Bristol)</i> , <b>2017</b> , 12, 045016	3.5	4
6	Between Innovation and Standardization, Is There Still a Room for Scientific Reports? The Rise of a Formatting Tradition in Periodontal Research. <i>Publications</i> , <b>2019</b> , 7, 67	1.7	4
5	High levels of Notch intracellular cleaved domain are associated with stemness and reduced bevacizumab efficacy in patients with advanced colon cancer. <i>Oncology Reports</i> , <b>2019</b> , 42, 2750-2758	3.5	4
4	Monocyte-predominant engraftment, cytokine levels and early transplant-related complications in pediatric hematopoietic stem cell recipients. <i>Cancer Medicine</i> , <b>2019</b> , 8, 890-901	4.8	3
3	Photobiomodulation with a 645 nm Diode Laser of Saos-2 Cells and Platelet-Rich Plasma: The Potential for a New Mechanism of Action. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , <b>2021</b> , 39, 86-93	2.8	0
2	Chronic exposure to rapamycin induces endothelial dysfunction in vitro. <i>FASEB Journal</i> , <b>2007</b> , 21, A750	0.9	
1	Notch expression and bevacizumab efficacy in colorectal cancer patients.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 612-612	2.2	