

Roberto Sala

List of Publications by Year in Descending Order

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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	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> , 2021 , 39, 86-93	2.8	0
41	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> , 2020 , 13, e007588	6.4	5
40	Monocyte-predominant engraftment, cytokine levels and early transplant-related complications in pediatric hematopoietic stem cell recipients. <i>Cancer Medicine</i> , 2019 , 8, 890-901	4.8	3
39	Between Innovation and Standardization, Is There Still a Room for Scientific Reports? The Rise of a Formatting Tradition in Periodontal Research. <i>Publications</i> , 2019 , 7, 67	1.7	4
38	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> , 2019 , 42, 2750-2758	3.5	4
37	Stanozolol promotes osteogenic gene expression and apposition of bone mineral in vitro. <i>Journal of Applied Oral Science</i> , 2018 , 27, e20180014	3.3	7
36	Stanozolol-soaked grafts enhance new bone formation in rat calvarial critical-size defects. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 045016	3.5	4
35	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> , 2016 , 24, 807-813	3.9	16
34	"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> , 2016 , 46, 220-33	2	10
33	Parenchymal and Stromal Cells Contribute to Pro-Inflammatory Myocardial Environment at Early Stages of Diabetes: Protective Role of Resveratrol. <i>Nutrients</i> , 2016 , 8,	6.7	10
32	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> , 2015 , 15, 97-105	5.1	39
31	Strong Notch activation hinders bevacizumab efficacy in advanced colorectal cancer. <i>Future Oncology</i> , 2015 , 11, 3167-74	3.6	6
30	Notch expression and bevacizumab efficacy in colorectal cancer patients.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 612-612	2.2	
29	Enhancement of the uptake and cytotoxic activity of doxorubicin in cancer cells by novel cRGD-semipeptide-anchoring liposomes. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2280-93	5.6	20
28	Valproic acid induces the glutamate transporter excitatory amino acid transporter-3 in human oligodendrogloma cells. <i>Neuroscience</i> , 2012 , 227, 260-70	3.9	14
27	Resveratrol treatment reduces cardiac progenitor cell dysfunction and prevents morpho-functional ventricular remodeling in type-1 diabetic rats. <i>PLoS ONE</i> , 2012 , 7, e39836	3.7	52
26	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> , 2010 , 49, 260-70	5.8	14

25	Down-regulation of HOXA4, HOXA7, HOXA10, HOXA11 and MEIS1 during monocyte-macrophage differentiation in THP-1 cells. <i>Molecular Medicine Reports</i> , 2009 , 2, 241-4	2.9	7
24	In human endothelial cells rapamycin causes mTORC2 inhibition and impairs cell viability and function. <i>Cardiovascular Research</i> , 2008 , 78, 563-71	9.9	88
23	Production of Wnt inhibitors by myeloma cells: potential effects on canonical Wnt pathway in the bone microenvironment. <i>Cancer Research</i> , 2007 , 67, 7665-74	10.1	96
22	Rapamycin stimulates arginine influx through CAT2 transporters in human endothelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 1479-87	3.8	20
21	Chronic exposure to rapamycin induces endothelial dysfunction in vitro. <i>FASEB Journal</i> , 2007 , 21, A750	0.9	
20	The role of the neutral amino acid transporter SNAT2 in cell volume regulation. <i>Acta Physiologica</i> , 2006 , 187, 273-83	5.6	57
19	SNAT2 silencing prevents the osmotic induction of transport system A and hinders cell recovery from hypertonic stress. <i>FEBS Letters</i> , 2005 , 579, 3376-80	3.8	22
18	Myeloma cells block RUNX2/CBFA1 activity in human bone marrow osteoblast progenitors and inhibit osteoblast formation and differentiation. <i>Blood</i> , 2005 , 106, 2472-83	2.2	258
17	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> , 2005 , 19, 810-2	0.9	23
16	INFgamma stimulates arginine transport through system y+L in human monocytes. <i>FEBS Letters</i> , 2004 , 571, 177-81	3.8	28
15	The stimulation of arginine transport by TNFalpha in human endothelial cells depends on NF-kappaB activation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004 , 1664, 45-52	3.8	17
14	The synthesis of SNAT2 transporters is required for the hypertonic stimulation of system A transport activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004 , 1667, 157-66	3.8	34
13	Proangiogenic properties of human myeloma cells: production of angiopoietin-1 and its potential relationship to myeloma-induced angiogenesis. <i>Blood</i> , 2003 , 102, 638-45	2.2	96
12	Two-way arginine transport in human endothelial cells: TNF-alpha stimulation is restricted to system y(+). <i>American Journal of Physiology - Cell Physiology</i> , 2002 , 282, C134-43	5.4	53
11	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> , 2002 , 100, 4615-21	2.2	214
10	Endothelial cell injury induced by preservation solutions: a confocal microscopy study. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 1606-14; discussion 1614-5	2.7	5
9	The adaptive regulation of amino acid transport system A is associated to changes in ATA2 expression. <i>FEBS Letters</i> , 2001 , 490, 11-4	3.8	73
8	The role of system A for neutral amino acid transport in the regulation of cell volume. <i>Molecular Membrane Biology</i> , 2001 , 18, 27-38	3.4	31

7	Amino acid depletion activates TonEBP and sodium-coupled inositol transport. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1465-74	5.4	30
6	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> , 2000 , 279, C1829-37	5.4	48
5	Amino acids are compatible osmolytes for volume recovery after hypertonic shrinkage in vascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 276, C865-72	5.4	50
4	Membrane potential changes visualized in complete growth media through confocal laser scanning microscopy of bis-oxonol-loaded cells. <i>Experimental Cell Research</i> , 1997 , 231, 260-8	4.2	54
3	Hypertonicity induces injury to cultured human endothelium: attenuation by glutamine. <i>Annals of Thoracic Surgery</i> , 1997 , 64, 1770-5	2.7	24
2	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> , 1996 , 28, 2005-16	5.8	414
1	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> , 1990 , 87, 404-8	11.5	331