

Raquel Costa

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.

45
papers

1,070
citations

17
h-index

32
g-index

47
ext. papers

1,289
ext. citations

5.2
avg, IF

4.62
L-index

#	Paper	IF	Citations
45	Wound healing activity of the human antimicrobial peptide LL37. <i>Peptides</i> , 2011 , 32, 1469-76	3.8	153
44	Improving bacterial cellulose for blood vessel replacement: Functionalization with a chimeric protein containing a cellulose-binding module and an adhesion peptide. <i>Acta Biomaterialia</i> , 2010 , 6, 4034-41	10.8	120
43	Vascular endothelial growth factor plasma levels before and after treatment of neovascular age-related macular degeneration with bevacizumab or ranibizumab. <i>Acta Ophthalmologica</i> , 2012 , 90, e25-30	3.7	106
42	Prostate Cancer Cell Lines Inhibition by Umbilical Cord Blood Serum. <i>Stem Cells Translational Medicine</i> , 2021 , 10, S3	6.9	78
41	Synthesis, antiangiogenesis evaluation and molecular docking studies of 1-aryl-3-[(thieno[3,2-b]pyridin-7-ylthio)phenyl]ureas: Discovery of a new substitution pattern for type II VEGFR-2 Tyr kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 6497-509	3.4	67
40	Xanthohumol modulates inflammation, oxidative stress, and angiogenesis in type 1 diabetic rat skin wound healing. <i>Journal of Natural Products</i> , 2013 , 76, 2047-53	4.9	48
39	Angiogenesis and inflammation signaling are targets of beer polyphenols on vascular cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 1270-9	4.7	43
38	Xanthohumol and 8-prenylnaringenin ameliorate diabetic-related metabolic dysfunctions in mice. <i>Journal of Nutritional Biochemistry</i> , 2017 , 45, 39-47	6.3	34
37	Increased circulating platelet microparticles as a potential biomarker in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013 , 68, 1073-5	9.3	34
36	Osteoblast, fibroblast and in vivo biological response to poly(vinylidene fluoride) based composite materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 395-403	4.5	34
35	Bevacizumab and ranibizumab on microvascular endothelial cells: A comparative study. <i>Journal of Cellular Biochemistry</i> , 2009 , 108, 1410-7	4.7	33
34	Different effects of catechin on angiogenesis and inflammation depending on VEGF levels. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 435-44	6.3	32
33	In vitro and in vivo anti-angiogenic effects of hydroxyurea. <i>Microvascular Research</i> , 2014 , 94, 106-13	3.7	28
32	Anti-Angiogenic Properties of Cafestol and Kahweol Palmitate Diterpene Esters. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 2748-2756	4.7	24
31	Substance P antagonist improves both obesity and asthma in a mouse model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013 , 68, 48-54	9.3	23
30	Xanthohumol-supplemented beer modulates angiogenesis and inflammation in a skin wound healing model. Involvement of local adipocytes. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 100-9	4.7	22
29	Isoxanthohumol modulates angiogenesis and inflammation via vascular endothelial growth factor receptor, tumor necrosis factor alpha and nuclear factor kappa B pathways. <i>BioFactors</i> , 2013 , 39, 608-22	6.1	21

28	Does adipose tissue inflammation drive the development of non-alcoholic fatty liver disease in obesity?. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2020 , 44, 394-402	2.4	17
27	Role of oxidative stress-induced systemic and cavernosal molecular alterations in the progression of diabetic erectile dysfunction. <i>Journal of Diabetes</i> , 2015 , 7, 393-401	3.8	17
26	Evidence for a Derangement of the Microvascular System in Patients with a Very Early Diagnosis of Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2017 , 44, 1190-1197	4.1	13
25	Xanthohumol Restores Hepatic Glucolipid Metabolism Balance in Type 1 Diabetic Wistar Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7433-7439	5.7	13
24	Modulation of VEGF signaling in a mouse model of diabetes by xanthohumol and 8-prenylnaringenin: Unveiling the angiogenic paradox and metabolism interplay. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600488	5.9	12
23	Neurogenic inflammation in allergen-challenged obese mice: A missing link in the obesity-asthma association?. <i>Experimental Lung Research</i> , 2012 , 38, 316-24	2.3	12
22	Red Raspberry Phenols Inhibit Angiogenesis: A Morphological and Subcellular Analysis Upon Human Endothelial Cells. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 1604-12	4.7	12
21	Xanthohumol and 8-prenylnaringenin reduce type 2 diabetes-associated oxidative stress by downregulating galectin-3. <i>Porto Biomedical Journal</i> , 2019 , 4, e23	1.1	11
20	Imatinib targets PDGF signaling in melanoma and host smooth muscle neighboring cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 433-41	4.7	8
19	Forming Silk Sericin-Based Hydrogel: A Novel Wound Healing Biomaterial. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1573-1586	5.5	7
18	Bioaerogels: Promising Nanostructured Materials in Fluid Management, Healing and Regeneration of Wounds. <i>Molecules</i> , 2021 , 26,	4.8	7
17	HMGB1 down-regulation mediates terameprocol vascular anti-proliferative effect in experimental pulmonary hypertension. <i>Journal of Cellular Physiology</i> , 2017 , 232, 3128-3138	7	5
16	Neurokinin-1 receptor, a new modulator of lymphangiogenesis in obese-asthma phenotype. <i>Life Sciences</i> , 2013 , 93, 169-77	6.8	5
15	Could platelet-accumulating polyphenols prevent tumour metastasis?. <i>Nature Reviews Cancer</i> , 2011 , 11, 685	31.3	5
14	Establishing a Link between Endothelial Cell Metabolism and Vascular Behaviour in a Type 1 Diabetes Mouse Model. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 503-516	3.9	5
13	Antiangiogenic and Antioxidant In Vitro Properties of Hydroethanolic Extract from aβ(1) Dietary Powder Supplement. <i>Molecules</i> , 2021 , 26,	4.8	5
12	High-fat diet promotes adrenaline production by visceral adipocytes. <i>European Journal of Nutrition</i> , 2020 , 59, 1105-1114	5.2	4
11	1-aryl-3-[4-(thieno[3,2-d]pyrimidin-4-yloxy)phenyl]ureas as VEGFR-2 tyrosine kinase inhibitors: synthesis, biological evaluation, and molecular modelling studies. <i>BioMed Research International</i> , 2013 , 2013, 154856	3	3

10	Biocompatibility of the Biopolymer Cyanoflan for Applications in Skin Wound Healing. <i>Marine Drugs</i> , 2021 , 19,	6	3
9	Metformin Reduces Vascular Assembly in High Glucose-Treated Human Microvascular Endothelial Cells in An AMPK-Independent Manner. <i>Cell Journal</i> , 2021 , 23, 174-183	2.4	2
8	Human umbilical cord mesenchymal stem cells in type 2 diabetes mellitus: the emerging therapeutic approach. <i>Cell and Tissue Research</i> , 2021 , 385, 497-518	4.2	2
7	Proangiogenic Effects of Plasma From Sickle Cell Disease Patients and Antiangiogenic Effects of Hydroxyurea: Evaluation of Invasion and Proliferation of Human Endothelial Cells and Effects of Hydroxyurea in a Mouse Matrigel Plug Neovascularization Assay. <i>Blood</i> , 2012 , 120, 377-377	2.2	1
6	Disfunção erétil na diabetes: avaliação de alterações moleculares induzidas pelo stresse oxidativo. <i>Acta Urológica Portuguesa</i> , 2015 , 32, 20-27	0	
5	Survivin role in pulmonary arterial hypertension. <i>European Heart Journal</i> , 2013 , 34, P302-P302	9.5	
4	Polyphenol-Based Nanoparticles as Multifaceted Diabetes Modulators. <i>Nanotechnology in the Life Sciences</i> , 2020 , 251-270	1.1	
3	Acute Hemolysis Induces Pro-Angiogenic Molecule Production and Neovascularization In Vivo. <i>Blood</i> , 2018 , 132, 3608-3608	2.2	
2	Angiogenic and Inflammatory activities are modulated in vivo by polyphenol supplemented beer. <i>FASEB Journal</i> , 2010 , 24, 535.5	0.9	
1	HP-07-007 Unveiling the role of vasculogenesis in diabetic erectile dysfunction using a bone marrow transplantation model: preliminary results. <i>Journal of Sexual Medicine</i> , 2016 , 13, S135	1.1	