Raquel Costa

List of Publications by Year in Descending Order

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	Metformin Reduces Vascular Assembly in High Glucose-Treated Human Microvascular Endothelial Cells in An AMPK-Independent Manner. *Cell Journal*, **2021**, 23, 174-183	2.4	2
44	Biocompatibility of the Biopolymer Cyanoflan for Applications in Skin Wound Healing. *Marine Drugs* , **2021**, 19,	6	3
43	Forming Silk Sericin-Based Hydrogel: A Novel Wound Healing Biomaterial. *ACS Biomaterials Science and Engineering*, **2021**, 7, 1573-1586	5.5	7
42	Antiangiogenic and Antioxidant In Vitro Properties of Hydroethanolic Extract from a□() Dietary Powder Supplement. *Molecules*, **2021**, 26,	4.8	5
41	Human umbilical cord mesenchymal stem cells in type 2 diabetes mellitus: the emerging therapeutic approach. *Cell and Tissue Research*, **2021**, 385, 497-518	4.2	2
40	Bioaerogels: Promising Nanostructured Materials in Fluid Management, Healing and Regeneration of Wounds. *Molecules*, **2021**, 26,	4.8	7
39	Prostate Cancer Cell Lines Inhibition by Umbilical Cord Blood Serum. *Stem Cells Translational Medicine*, **2021**, 10, S3	6.9	78
38	Does adipose tissue inflammation drive the development of non-alcoholic fatty liver disease in obesity?. *Clinics and Research in Hepatology and Gastroenterology*, **2020**, 44, 394-402	2.4	17
37	Polyphenol-Based Nanoparticles as Multifaceted Diabetes Modulators. *Nanotechnology in the Life Sciences*, **2020**, 251-270	1.1	
36	High-fat diet promotes adrenaline production by visceral adipocytes. *European Journal of Nutrition*, **2020**, 59, 1105-1114	5.2	4
35	Establishing a Link between Endothelial Cell Metabolism and Vascular Behaviour in a Type 1 Diabetes Mouse Model. *Cellular Physiology and Biochemistry*, **2019**, 52, 503-516	3.9	5
34	Xanthohumol and 8-prenylnaringenin reduce type 2 diabetes-associated oxidative stress by downregulating galectin-3. *Porto Biomedical Journal*, **2019**, 4, e23	1.1	11
33	Acute Hemolysis Induces Pro-Angiogenic Molecule Production and Neovascularization In Vivo. *Blood*, **2018**, 132, 3608-3608	2.2	
32	Xanthohumol and 8-prenylnaringenin ameliorate diabetic-related metabolic dysfunctions in mice. *Journal of Nutritional Biochemistry*, **2017**, 45, 39-47	6.3	34
31	Evidence for a Derangement of the Microvascular System in Patients with a Very Early Diagnosis of Systemic Sclerosis. *Journal of Rheumatology*, **2017**, 44, 1190-1197	4.1	13
30	Modulation of VEGF signaling in a mouse model of diabetes by xanthohumol and 8-prenylnaringenin: Unveiling the angiogenic paradox and metabolism interplay. *Molecular Nutrition and Food Research*, **2017**, 61, 1600488	5.9	12
29	HMGB1 down-regulation mediates terameprocol vascular anti-proliferative effect in experimental pulmonary hypertension. *Journal of Cellular Physiology*, **2017**, 232, 3128-3138	7	5

28	Xanthohumol Restores Hepatic Glucolipid Metabolism Balance in Type 1 Diabetic Wistar Rats. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7433-7439	5.7	13
27	Anti-Angiogenic Properties of Cafestol and Kahweol Palmitate Diterpene Esters. *Journal of Cellular Biochemistry*, **2016**, 117, 2748-2756	4.7	24
26	Red Raspberry Phenols Inhibit Angiogenesis: A Morphological and Subcellular Analysis Upon Human Endothelial Cells. *Journal of Cellular Biochemistry*, **2016**, 117, 1604-12	4.7	12
25	HP-07-007 Unveiling the role of vasculogenesis in diabetic erectile dysfunction using a bone marrow transplantation model: preliminary results. *Journal of Sexual Medicine*, **2016**, 13, S135	1.1	
24	Disfunção erétil na diabetes: avaliação de alterações moleculares induzidas pelo stresse oxidativo. *Acta Urológica Portuguesa*, **2015**, 32, 20-27	0	
23	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. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 6497-509	3.4	67
22	Role of oxidative stress-induced systemic and cavernosal molecular alterations in the progression of diabetic erectile dysfunction. *Journal of Diabetes*, **2015**, 7, 393-401	3.8	17
21	In vitro and in vivo anti-angiogenic effects of hydroxyurea. *Microvascular Research*, **2014**, 94, 106-13	3.7	28
20	Increased circulating platelet microparticles as a potential biomarker in asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 1073-5	9.3	34
19	Osteoblast, fibroblast and in vivo biological response to poly(vinylidene fluoride) based composite materials. *Journal of Materials Science: Materials in Medicine*, **2013**, 24, 395-403	4.5	34
18	Neurokinin-1 receptor, a new modulator of lymphangiogenesis in obese-asthma phenotype. *Life Sciences*, **2013**, 93, 169-77	6.8	5
17	Isoxanthohumol modulates angiogenesis and inflammation via vascular endothelial growth factor receptor, tumor necrosis factor alpha and nuclear factor kappa B pathways. *BioFactors*, **2013**, 39, 608-22	6.1	21
16	Different effects of catechin on angiogenesis and inflammation depending on VEGF levels. *Journal of Nutritional Biochemistry*, **2013**, 24, 435-44	6.3	32
15	Substance P antagonist improves both obesity and asthma in a mouse model. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 48-54	9.3	23
14	Xanthohumol modulates inflammation, oxidative stress, and angiogenesis in type 1 diabetic rat skin wound healing. *Journal of Natural Products*, **2013**, 76, 2047-53	4.9	48
13	Survivin role in pulmonary arterial hypertension. *European Heart Journal*, **2013**, 34, P302-P302	9.5	
12	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. *BioMed Research International*, **2013**, 2013, 154856	3	3
11	Vascular endothelial growth factor plasma levels before and after treatment of neovascular age-related macular degeneration with bevacizumab or ranibizumab. *Acta Ophthalmologica*, **2012**, 90, e25-30	3.7	106

10	Xanthohumol-supplemented beer modulates angiogenesis and inflammation in a skin wound healing model. Involvement of local adipocytes. *Journal of Cellular Biochemistry*, **2012**, 113, 100-9	4.7	22
9	Neurogenic inflammation in allergen-challenged obese mice: A missing link in the obesity-asthma association?. *Experimental Lung Research*, **2012**, 38, 316-24	2.3	12
8	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. *Blood*, **2012**, 120, 377-377	2.2	1
7	Wound healing activity of the human antimicrobial peptide LL37. *Peptides*, **2011**, 32, 1469-76	3.8	153
6	Could platelet-accumulating polyphenols prevent tumour metastasis?. *Nature Reviews Cancer*, **2011** , 11, 685	31.3	5
5	Imatinib targets PDGF signaling in melanoma and host smooth muscle neighboring cells. *Journal of Cellular Biochemistry*, **2010**, 111, 433-41	4.7	8
4	Angiogenesis and inflammation signaling are targets of beer polyphenols on vascular cells. *Journal of Cellular Biochemistry*, **2010**, 111, 1270-9	4.7	43
3	Improving bacterial cellulose for blood vessel replacement: Functionalization with a chimeric protein containing a cellulose-binding module and an adhesion peptide. *Acta Biomaterialia*, **2010**, 6, 4034-41	19.8	120
2	Angiogenic and Inflammatory activities are modulated in vivo by polyphenol supplemented beer. *FASEB Journal*, **2010**, 24, 535.5	0.9	
1	Bevacizumab and ranibizumab on microvascular endothelial cells: A comparative study. *Journal of Cellular Biochemistry*, **2009**, 108, 1410-7	4.7	33