Ezequiel Alvarez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3535857/publications.pdf

Version: 2024-02-01

81	2,198	186209	233338
papers	citations	28 h-index	45 g-index

83	83	83	3205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Possible Implication of trans-Resveratrol in the Cardioprotective Effects of Long-Term Moderate Wine Consumption. Molecular Pharmacology, 2002, 61, 294-302.	1.0	236
2	Effects of cis -resveratrol on inflammatory murine macrophages: antioxidant activity and down-regulation of inflammatory genes. Journal of Leukocyte Biology, 2004, 75, 1156-1165.	1.5	168
3	In vitro effects of mangiferin on superoxide concentrations and expression of the inducible nitric oxide synthase, tumour necrosis factor-Î± and transforming growth factor-Î² genes. Biochemical Pharmacology, 2003, 65, 1361-1371.	2.0	140
4	Study of the mechanisms involved in the vasorelaxation induced by (â˜)-epigallocatechin-3-gallate in rat aorta. British Journal of Pharmacology, 2006, 147, 269-280.	2.7	88
5	Glycated albumin, a precursor of advanced glycation endâ€products, upâ€regulates NADPH oxidase and enhances oxidative stress in human endothelial cells: molecular correlate of diabetic vasculopathy. Diabetes/Metabolism Research and Reviews, 2010, 26, 550-558.	1.7	79
6	Implication of Cyclic Nucleotide Phosphodiesterase Inhibition in the Vasorelaxant Activity of the Citrus-Fruits Flavonoid (Â±)-Naringenin. Planta Medica, 2005, 71, 99-107.	0.7	72
7	Comparative study of the vasorelaxant activity, superoxide-scavenging ability and cyclic nucleotide phosphodiesterase-inhibitory effects of hesperetin and hesperidin. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 370, 452-463.	1.4	60
8	Potassium channels are involved in testosterone-induced vasorelaxation of human umbilical artery. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 376, 375-383.	1.4	59
9	Soluble receptor of advanced glycation end products levels are related to ischaemic aetiology and extent of coronary disease in chronic heart failure patients, independent of advanced glycation end products levels. European Journal of Heart Failure, 2010, 12, 1092-1100.	2.9	59
10	Antioxidant activity and inhibitory effects of hydralazine on inducible NOS/COX-2 gene and protein expression in rat peritoneal macrophages. International Immunopharmacology, 2004, 4, 163-177.	1.7	52
11	Effects of trans- and cis-resveratrol on Ca2+ handling in A7r5 vascular myocytes. European Journal of Pharmacology, 2007, 577, 91-99.	1.7	50
12	Resveratrol modulates rat macrophage functions. International Immunopharmacology, 2002, 2, 767-774.	1.7	45
13	Effect of (â˜)-epigallocatechin-3-gallate on respiratory burst of rat macrophages. International Immunopharmacology, 2002, 2, 849-855.	1.7	44
14	Evidence for a role of advanced glycation end products in atrial fibrillation. International Journal of Cardiology, 2012, 157, 397-402.	0.8	43
15	Procyanidins from grape pomace are suitable inhibitors of human endothelial NADPH oxidase. Journal of Cellular Biochemistry, 2012, 113, 1386-1396.	1.2	42
16	Current status of NADPH oxidase research in cardiovascular pharmacology. Vascular Health and Risk Management, 2013, 9, 401.	1.0	42
17	Diabetes-induced hepatic oxidative stress: a new pathogenic role for glycated albumin. Free Radical Biology and Medicine, 2017, 102, 133-148.	1.3	42
18	PDE4 and PDE5 regulate cyclic nucleotides relaxing effects in human umbilical arteries. European Journal of Pharmacology, 2008, 582, 102-109.	1.7	41

#	Article	IF	Citations
19	Fluorescent Advanced Glycation End Products and Their Soluble Receptor: The Birth of New Plasmatic Biomarkers for Risk Stratification of Acute Coronary Syndrome. PLoS ONE, 2013, 8, e74302.	1.1	41
20	Advanced glycation end-products disrupt human endothelial cells redox homeostasis: new insights into reactive oxygen species production. Free Radical Research, 2019, 53, 150-169.	1.5	40
21	Pravastatin Counteracts Angiotensin II-Induced Upregulation and Activation of NADPH Oxidase at Plasma Membrane of Human Endothelial Cells. Journal of Cardiovascular Pharmacology, 2010, 55, 203-212.	0.8	39
22	Enhanced oxidative stress and damage in glycated erythrocytes. PLoS ONE, 2020, 15, e0235335.	1.1	38
23	Non-genomic vasorelaxant effects of 17Î²-estradiol and progesterone in rat aorta are mediated by L-type Ca2+ current inhibition. Acta Pharmacologica Sinica, 2012, 33, 615-624.	2.8	35
24	Protective, repairing and fibrinolytic effects of rivaroxaban on vascular endothelium. British Journal of Clinical Pharmacology, 2018, 84, 280-291.	1.1	34
25	Isolation and culture of human umbilical artery smooth muscle cells expressing functional calcium channels. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 175-184.	0.7	32
26	Effects of hydrazine derivatives on vascular smooth muscle contractility, blood pressure and cGMP production in rats: comparison with hydralazine. Vascular Pharmacology, 2003, 40, 13-21.	1.0	30
27	Relation of Soluble Receptor for Advanced Glycation End Products to Predict Mortality in Patients With Chronic Heart Failure Independently of Seattle Heart Failure Score. American Journal of Cardiology, 2011, 107, 938-944.	0.7	30
28	(-)-Epigallocatechin-3-gallate induces contraction of the rat aorta by a calcium influx-dependent mechanism. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 496-506.	1.4	29
29	Key structural and functional differences between early and advanced glycation products. Journal of Molecular Endocrinology, 2016, 56, 23-37.	1.1	29
30	Receptor for advanced glycation end-products expression in subcutaneous adipose tissue is related to coronary artery disease. European Journal of Endocrinology, 2011, 164, 529-537.	1.9	28
31	Orosomucoid secretion levels by epicardial adipose tissue as possible indicator of endothelial dysfunction in diabetes mellitus or inflammation in coronary artery disease. Atherosclerosis, 2014, 235, 281-288.	0.4	27
32	Glycation of human serum albumin impairs binding to the glucagon-like peptide-1 analogue liraglutide. Journal of Biological Chemistry, 2018, 293, 4778-4791.	1.6	27
33	Predictive value of advanced glycation end products for the development of post-infarction heart failure: a preliminary report. Cardiovascular Diabetology, 2012, 11, 102.	2.7	25
34	Higher ACE2 expression levels in epicardial cells than subcutaneous stromal cells from patients with cardiovascular disease: Diabetes and obesity as possible enhancer. European Journal of Clinical Investigation, 2021, 51, e13463.	1.7	24
35	Microfluidic devices manufacturing with a stereolithographic printer for biological applications. Materials Science and Engineering C, 2021, 129, 112388.	3.8	23
36	Glucose and Inflammatory Cells Decrease Adiponectin in Epicardial Adipose Tissue Cells: Paracrine Consequences on Vascular Endothelium. Journal of Cellular Physiology, 2016, 231, 1015-1023.	2.0	22

#	Article	IF	Citations
37	High-sensitivity C-reactive protein predicts adverse outcomes after non-ST-segment elevation acute coronary syndrome regardless of GRACE risk score, but not after ST-segment elevation myocardial infarction. Revista Portuguesa De Cardiologia, 2013, 32, 117-122.	0.2	20
38	Testosterone and Cholesterol Vasodilation of Rat Aorta Involves L-Type Calcium Channel Inhibition. Advances in Pharmacological Sciences, 2010, 2010, 1-10.	3.7	19
39	Inflammatory effects of in vivo glycated albumin from cardiovascular patients. Biomedicine and Pharmacotherapy, 2019, 113, 108763.	2.5	18
40	Study of Different Sol-Gel Coatings to Enhance the Lifetime of PDMS Devices: Evaluation of Their Biocompatibility. Materials, 2016, 9, 728.	1.3	17
41	Determination of hemodynamic risk for vascular disease in planar artery bifurcations. Scientific Reports, 2018, 8, 2795.	1.6	17
42	Antirhea borbonica Aqueous Extract Protects Albumin and Erythrocytes from Glycoxidative Damages. Antioxidants, 2020, 9, 415.	2.2	16
43	The different roles for the advanced glycation end products axis in heart failure and acute coronary syndrome settings. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1050-1060.	1.1	14
44	Glycated human serum albumin induces NF-Î¹B activation and endothelial nitric oxide synthase uncoupling in human umbilical vein endothelial cells. Journal of Diabetes and Its Complications, 2015, 29, 984-992.	1.2	13
45	Sea cucumbers with an anti-inflammatory effect on endothelial cells and subcutaneous but not on epicardial adipose tissue. Food and Function, 2016, 7, 953-963.	2.1	13
46	Orosomucoid as prognosis factor associated with inflammation in acute or nutritional status in chronic heart failure. International Journal of Cardiology, 2017, 228, 488-494.	0.8	12
47	Laser technique for the fabrication of blood vessels-like models for preclinical studies of pathologies under flow conditions. Biofabrication, 2017, 9, 025033.	3.7	11
48	Evolution and bad prognostic value of advanced glycation end products after acute heart failure: relation with body composition. Cardiovascular Diabetology, 2017, 16, 115.	2.7	10
49	Inhibitory effects of leaf extracts ofStachytarpheta jamaicensis(Verbenaceae) on the respiratory burst of rat macrophages. Phytotherapy Research, 2004, 18, 457-462.	2.8	9
50	Statins modulate feedback regulation mechanisms between advanced glycation end-products and C-reactive protein: Evidence in patients with acute myocardial infarction. European Journal of Pharmaceutical Sciences, 2013, 49, 512-518.	1.9	9
51	Advanced glycation end-products as long-term predictors of death and reinfarction after an acute coronary syndrome. Biomarkers in Medicine, 2015, 9, 209-216.	0.6	8
52	Haemodynamic-dependent arrest of circulating tumour cells at large blood vessel bifurcations as new model for metastasis. Scientific Reports, 2021, 11, 23231.	1.6	8
53	Non classical Monocytes Levels, Increased by Subcutaneous Fat-Secretome, Are Associated with Less Rehospitalization after Heart Failure Admission. Journal of Cardiovascular Translational Research, 2017, 10, 16-26.	1.1	7
54	First-Days Reduction of Plasma and Skin Advanced Glycation End Products is Related to Outcome in Septic Patients. Shock, 2020, 53, 400-406.	1.0	6

#	Article	IF	Citations
55	Edoxabanâ€™s contribution to key endothelial cell functions. Biochemical Pharmacology, 2020, 178, 114063.	2.0	6
56	Minimal invasive fluorescence methods to quantify advanced glycation end products (AGEs) in skin and plasma of humans. Methods, 2022, 203, 103-107.	1.9	6
57	Hydralazine decreases sodium nitroprusside-induced rat aortic ring relaxation and increased cGMP production by rat aortic myocytes. Life Sciences, 2005, 77, 3105-3116.	2.0	5
58	Obesity-Related Genetic Determinants of Heart Failure Prognosis. Cardiovascular Drugs and Therapy, 2019, 33, 415-424.	1.3	5
59	Galectin-3 and soluble RAGE as new biomarkers of post-infarction cardiac remodeling. Journal of Molecular Medicine, 2021, 99, 943-953.	1.7	5
60	Change of concept about the regulation of angiotensin II-induced monocyte chemoattractant protein-1 production in human endothelial cells. Vascular Pharmacology, 2016, 80, 20-34.	1.0	4
61	Laser Surface Microstructuring of Biocompatible Materials Using a Microlens Array and the Talbot Effect: Evaluation of the Cell Adhesion. Materials, 2017, 10, 214.	1.3	4
62	Advanced glycation end products: A mysterious shadow beyond the relationship between HbA1c and atrial fibrillation. International Journal of Cardiology, 2012, 157, 441.	0.8	3
63	Is Glycated Hemoglobin an Accurate Enough Predictor of Subclinical Myocardial Injury or a Simple Precursor of Advanced Glycation End Products?. Journal of the American College of Cardiology, 2012, 60, 166-167.	1.2	3
64	Endothelial progenitor cells mobilisation after percutaneous coronary intervention: a pilot study. British Journal of Biomedical Science, 2016, 73, 194-200.	1.2	3
65	Soluble angiotensin-converting enzyme levels in heart failure or acute coronary syndrome: revisiting its modulation and prognosis value. Journal of Molecular Medicine, 2021, 99, 1741-1753.	1.7	3
66	Impact of Advanced Glycation End Products on Endothelial Function and Their Potential Link to Atherosclerosis. , 2018, , .		2
67	17-beta-Estradiol and Progesterone Inhibit L-Type Ca2+ Current of Rat Aorta Smooth Muscle Cells. Portugaliae Electrochimica Acta, 2006, 24, 241-255.	0.4	2
68	Impact of Enhanced Phagocytosis of Glycated Erythrocytes on Human Endothelial Cell Functions. Cells, 2022, 11, 2200.	1.8	2
69	Laser surface multistructuring of biocompatible materials using a microlens array and the Talbot effect. , 2017, , .		1
70	Sol-Gel Glass Coating Synthesis for Different Applications: Active Gradient-Index Materials, Microlens Arrays and Biocompatible Channels. , 0, , .		1
71	Two Reflections about Amadori Products: Biomarkers or Therapeutic Targets for Coronary Artery Disease. Cardiology, 2012, 123, 81-83.	0.6	0
72	Laser based fabrication of preclinical devices for fluidic experiments. , 2017, , .		0

#	Article	IF	Citations
73	Laser based manufacturing of channels and improvement of their lifetime with sol-gel coatings. , 2017, , .		0
74	Biocompatibility analysis of thermal and UV-curable polydimethylsiloxane for semi blood vessel-like model fabrication. , 2021, , .		0
75	Soda-lime glass as biocompatible material to fabricate capillary-model devices by laser technologies. Optical Materials Express, 2022, 12, 1790.	1.6	0
76	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0
77	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0
78	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0
79	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0
80	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0
81	Enhanced oxidative stress and damage in glycated erythrocytes. , 2020, 15, e0235335.		0