Matilde Alique

List of Publications by Citations

55 papers	1,109 citations	20 h-index	31 g-index
66 ext. papers	1,377 ext. citations	5.8 avg, IF	4.31 L-index

#	Paper	IF	Citations
55	Microvesicles: ROS scavengers and ROS producers. *Journal of Extracellular Vesicles*, **2019**, 8, 1626654	16.4	86
54	Recombinant HDL(Milano) exerts greater anti-inflammatory and plaque stabilizing properties than HDL(wild-type). *Atherosclerosis*, **2012**, 220, 72-7	3.1	78
53	Microvesicles from the plasma of elderly subjects and from senescent endothelial cells promote vascular calcification. *Aging*, **2017**, 9, 778-789	5.6	60
52	Retinoids as a potential treatment for experimental puromycin-induced nephrosis. *British Journal of Pharmacology*, **2003**, 139, 823-31	8.6	49
51	Connective tissue growth factor is a new ligand of epidermal growth factor receptor. *Journal of Molecular Cell Biology*, **2013**, 5, 323-35	6.3	44
50	LDL biochemical modifications: a link between atherosclerosis and aging. *Food and Nutrition Research*, **2015**, 59, 29240	3.1	42
49	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF-Dependent Fibrogenesis. *Antioxidants and Redox Signaling*, **2015**, 23, 1092-105	8.4	41
48	Gremlin regulates renal inflammation via the vascular endothelial growth factor receptor 2 pathway. *Journal of Pathology*, **2015**, 236, 407-20	9.4	39
47	Integrin-linked kinase plays a key role in the regulation of angiotensin II-induced renal inflammation. *Clinical Science*, **2014**, 127, 19-31	6.5	37
46	Alternatively spliced tissue factor promotes plaque angiogenesis through the activation of hypoxia-inducible factor-1and vascular endothelial growth factor signaling. *Circulation*, **2014**, 130, 1274-86	16.7	36
45	The C-terminal module IV of connective tissue growth factor is a novel immune modulator of the Th17 response. *Laboratory Investigation*, **2013**, 93, 812-24	5.9	36
44	Angiotensin II contributes to renal fibrosis independently of Notch pathway activation. *PLoS ONE*, **2012**, 7, e40490	3.7	33
43	Synergistic effect of liver X receptor activation and simvastatin on plaque regression and stabilization: an magnetic resonance imaging study in a model of advanced atherosclerosis. *European Heart Journal*, **2012**, 33, 264-73	9.5	32
42	Angiotensin receptors and catenin regulate brain endothelial integrity in malaria. *Journal of Clinical Investigation*, **2016**, 126, 4016-4029	15.9	32
41	GSK3, snail, and adhesion molecule regulation by cyclosporine A in renal tubular cells. *Toxicological Sciences*, **2012**, 127, 425-37	4.4	30
40	Mechanisms of Cardiovascular Disorders in Patients With Chronic Kidney Disease: A Process Related to Accelerated Senescence. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 185	5.7	28
39	MicroRNA-126 regulates Hypoxia-Inducible Factor-1which inhibited migration, proliferation, and angiogenesis in replicative endothelial senescence. *Scientific Reports*, **2019**, 9, 7381	4.9	25

38	All-trans retinoic acid induces COX-2 and prostaglandin E2 synthesis in SH-SY5Y human neuroblastoma cells: involvement of retinoic acid receptors and extracellular-regulated kinase 1/2. *Journal of Neuroinflammation*, **2007**, 4, 1	10.1	25
37	Hypoxia-Inducible Factor-1The Master Regulator of Endothelial Cell Senescence in Vascular Aging. *Cells*, **2020**, 9,	7.9	24
36	Senescent Microvesicles: A Novel Advance in Molecular Mechanisms of Atherosclerotic Calcification. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	24
35	Endothelial Extracellular Vesicles Produced by Senescent Cells: Pathophysiological Role in the Cardiovascular Disease Associated with all Types of Diabetes Mellitus. *Current Vascular Pharmacology*, **2019**, 17, 447-454	3.3	20
34	Angiotensin II, via angiotensin receptor type 1/nuclear factor-B activation, causes a synergistic effect on interleukin-1-nduced inflammatory responses in cultured mesangial cells. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2015**, 16, 23-32	3	19
33	The Antioxidant Machinery of Young and Senescent Human Umbilical Vein Endothelial Cells and Their Microvesicles. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 7094781	6.7	18
32	The oral administration of retinoic acid enhances nociceptive withdrawal reflexes in rats with soft-tissue inflammation. *Inflammation Research*, **2004**, 53, 297-303	7.2	18
31	iNOS-Derived Nitric Oxide Induces Integrin-Linked Kinase Endocytic Lysosome-Mediated Degradation in the Vascular Endothelium. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1272-1281	9.4	17
30	Young and Especially Senescent Endothelial Microvesicles Produce NADPH: The Fuel for Their Antioxidant Machinery. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 3183794	6.7	17
29	Aging-associated oxidized albumin promotes cellular senescence and endothelial damage. *Clinical Interventions in Aging*, **2016**, 11, 225-36	4	17
28	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. *Thrombosis and Haemostasis*, **2012**, 108, 1246-8	7	16
27	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. *Free Radical Biology and Medicine*, **2009**, 47, 1362-70	7.8	16
26	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. II. Effects after intrathecal administration. *British Journal of Pharmacology*, **2006**, 149, 65-72	8.6	16
25	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	16
24	Microvesicles from indoxyl sulfate-treated endothelial cells induce vascular calcification. *Computational and Structural Biotechnology Journal*, **2020**, 18, 953-966	6.8	13
23	TNFDamaged-HUVECs Microparticles Modify Endothelial Progenitor Cell Functional Activity. *Frontiers in Physiology*, **2015**, 6, 395	4.6	13
22	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. *Thrombosis and Haemostasis*, **2017**, 117, 816-818	7	11
21	Residual Renal Function in Hemodialysis and Inflammation. *Therapeutic Apheresis and Dialysis*, **2017**, 21, 592-598	1.9	10

20	Kinase-dependent, retinoic acid receptor-independent up-regulation of cyclooxygenase-2 by all-trans retinoic acid in human mesangial cells. *British Journal of Pharmacology*, **2006**, 149, 215-25	8.6	10
19	Adeno-associated virus serotype 8 ApoA-I gene transfer reduces progression of atherosclerosis in ApoE-KO mice: comparison of intramuscular and intravenous administration. *Journal of Cardiovascular Pharmacology*, **2011**, 57, 325-33	3.1	8
18	Cyclooxygenase-independent inhibition of H2O2-induced cell death by S-ketoprofen in renal cells. *Pharmacological Research*, **2007**, 55, 295-302	10.2	8
17	Upregulation of cyclooxygenases by retinoic acid in rat mesangial cells. *Pharmacology*, **2007**, 79, 57-64	2.3	8
16	Changes in extracellular matrix composition regulate cyclooxygenase-2 expression in human mesangial cells. *American Journal of Physiology - Cell Physiology*, **2011**, 300, C907-18	5.4	7
15	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. I. Effects after oral administration. *British Journal of Pharmacology*, **2006**, 149, 56-64	8.6	4
14	All-trans retinoic acid and glycated albumin reciprocally influence their effects in human mesangial cells. *International Journal for Vitamin and Nutrition Research*, **2005**, 75, 47-53	1.7	4
13	Endothelial Cell Senescence in the Pathogenesis of Endothelial Dysfunction **2018**,		4
12	Increasing the Magnesium Concentration in Various Dialysate Solutions Differentially Modulates Oxidative Stress in a Human Monocyte Cell Line. *Antioxidants*, **2020**, 9,	7.1	3
11	Premature Aging in Chronic Kidney Disease: The Outcome of Persistent Inflammation beyond the Bounds. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
10	Exploring New Kingdoms: The Role of Extracellular Vesicles in Oxi-Inflamm-Aging Related to Cardiorenal Syndrome.. *Antioxidants*, **2021**, 11,	7.1	3
9	Statins and antiplatelet agents are associated with changes in the circulatory markers of endothelial dysfunction in chronic kidney disease. *Nefrologia*, **2019**, 39, 287-293	1.5	2
8	Effects of the mas-related gene (Mrg) C receptor agonist BAM6-22 on nociceptive reflex activity in naive, monoarthritic and mononeuropathic rats after intraplantar and intrathecal administration. *European Journal of Pharmacology*, **2016**, 770, 147-53	5.3	2
7	Statins and antiplatelet agents are associated with changes in the circulatory markers of endothelial dysfunction in chronic kidney disease. *Nefrologia*, **2019**, 39, 287-293	0.4	1
6	SP081MCP-2/CCR8 AXIS IS ACTIVATED IN EXPERIMENTAL RENAL AND VASCULAR INFLAMMATION. *Nephrology Dialysis Transplantation*, **2015**, 30, iii405-iii406	4.3	1
5	A high magnesium concentration in citrate dialysate prevents oxidative stress and damage in human monocytes. *CKJ: Clinical Kidney Journal*, **2021**, 14, 1403-1411	4.5	1
4	The Contribution of Extracellular Vesicles From Senescent Endothelial and Vascular Smooth Muscle Cells to Vascular Calcification.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 854726	5.4	1
3	MP082HYPOXIA-INDUCIBLE FACTOR-1□REGULATES MIGRATION, PROLIFERATION AND ANGIOGENESIS IN REPLICATIVE ENDOTHELIAL SENESCENCE INDEPENDENTLY OF MICRORNA-126 EXPRESSION. *Nephrology Dialysis Transplantation*, **2017**, 32, iii456-iii456	4.3	

2	FO024GREMLIN REGULATES RENAL INFLAMMATION VIA VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 PATHWAY. *Nephrology Dialysis Transplantation*, **2015**, 30, iii12-iii12	4.3
1	Effect of Kidney Transplantation on Accelerated Immunosenescence and Vascular Changes Induced by Chronic Kidney Disease. *Frontiers in Medicine*, **2021**, 8, 705159	4.9