

Matilde Alique

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,611
citations

257101

24
h-index

315357

38
g-index

66
all docs

66
docs citations

66
times ranked

2800
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvesicles: ROS scavengers and ROS producers. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1626654.	5.5	165
2	Recombinant HDLMilano exerts greater anti-inflammatory and plaque stabilizing properties than HDLwild-type. <i>Atherosclerosis</i> , 2012, 220, 72-77.	0.4	95
3	Microvesicles from the plasma of elderly subjects and from senescent endothelial cells promote vascular calcification. <i>Aging</i> , 2017, 9, 778-789.	1.4	78
4	Mechanisms of Cardiovascular Disorders in Patients With Chronic Kidney Disease: A Process Related to Accelerated Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 185.	1.8	76
5	LDL biochemical modifications: a link between atherosclerosis and aging. <i>Food and Nutrition Research</i> , 2015, 59, 29240.	1.2	57
6	Gremlin regulates renal inflammation via the vascular endothelial growth factor receptor 2 pathway. <i>Journal of Pathology</i> , 2015, 236, 407-420.	2.1	56
7	Retinoids as a potential treatment for experimental puromycin-induced nephrosis. <i>British Journal of Pharmacology</i> , 2003, 139, 823-831.	2.7	54
8	Connective tissue growth factor is a new ligand of epidermal growth factor receptor. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 323-335.	1.5	54
9	Angiotensin receptors and β -catenin regulate brain endothelial integrity in malaria. <i>Journal of Clinical Investigation</i> , 2016, 126, 4016-4029.	3.9	52
10	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF- β -Dependent Fibrogenesis. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1092-1105.	2.5	49
11	Hypoxia-Inducible Factor-1 α : The Master Regulator of Endothelial Cell Senescence in Vascular Aging. <i>Cells</i> , 2020, 9, 195.	1.8	47
12	Alternatively Spliced Tissue Factor Promotes Plaque Angiogenesis Through the Activation of Hypoxia-Inducible Factor-1 α and Vascular Endothelial Growth Factor Signaling. <i>Circulation</i> , 2014, 130, 1274-1286.	1.6	44
13	MicroRNA-126 regulates Hypoxia-Inducible Factor-1 α which inhibited migration, proliferation, and angiogenesis in replicative endothelial senescence. <i>Scientific Reports</i> , 2019, 9, 7381.	1.6	44
14	The C-terminal module IV of connective tissue growth factor is a novel immune modulator of the Th17 response. <i>Laboratory Investigation</i> , 2013, 93, 812-824.	1.7	42
15	Senescent Microvesicles: A Novel Advance in Molecular Mechanisms of Atherosclerotic Calcification. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2003.	1.8	41
16	Integrin-linked kinase plays a key role in the regulation of angiotensin II-induced renal inflammation. <i>Clinical Science</i> , 2014, 127, 19-31.	1.8	39
17	Angiotensin II Contributes to Renal Fibrosis Independently of Notch Pathway Activation. <i>PLoS ONE</i> , 2012, 7, e40490.	1.1	37
18	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. <i>European Heart Journal</i> , 2012, 33, 264-273.	1.0	36

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19	Microvesicles from indoxyl sulfate-treated endothelial cells induce vascular calcification in vitro. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 953-966.	1.9	35
20	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. <i>Journal of Neuroinflammation</i> , 2007, 4, 1.	3.1	34
21	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1495.	1.8	33
22	GSK3, Snail, and Adhesion Molecule Regulation by Cyclosporine A in Renal Tubular Cells. <i>Toxicological Sciences</i> , 2012, 127, 425-437.	1.4	31
23	iNOS-Derived Nitric Oxide Induces Integrin-Linked Kinase Endocytic Lysosome-Mediated Degradation in the Vascular Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1272-1281.	1.1	26
24	The Antioxidant Machinery of Young and Senescent Human Umbilical Vein Endothelial Cells and Their Microvesicles. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	25
25	Endothelial Extracellular Vesicles Produced by Senescent Cells: Pathophysiological Role in the Cardiovascular Disease Associated with all Types of Diabetes Mellitus. <i>Current Vascular Pharmacology</i> , 2019, 17, 447-454.	0.8	25
26	Young and Especially Senescent Endothelial Microvesicles Produce NADPH: The Fuel for Their Antioxidant Machinery. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	24
27	Angiotensin II, via angiotensin receptor type 1/nuclear factor- κ B activation, causes a synergistic effect on interleukin-1 β -induced inflammatory responses in cultured mesangial cells. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 23-32.	1.0	23
28	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. II. Effects after intrathecal administration. <i>British Journal of Pharmacology</i> , 2006, 149, 65-72.	2.7	22
29	The oral administration of retinoic acid enhances nociceptive withdrawal reflexes in rats with soft-tissue inflammation. <i>Inflammation Research</i> , 2004, 53, 297-303.	1.6	21
30	Aging-associated oxidized albumin promotes cellular senescence and endothelial damage. <i>Clinical Interventions in Aging</i> , 2016, 11, 225.	1.3	19
31	Residual Renal Function in Hemodialysis and Inflammation. <i>Therapeutic Apheresis and Dialysis</i> , 2017, 21, 592-598.	0.4	19
32	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. <i>Thrombosis and Haemostasis</i> , 2012, 108, 1246-1248.	1.8	18
33	TNF α -Damaged-HUVECs Microparticles Modify Endothelial Progenitor Cell Functional Activity. <i>Frontiers in Physiology</i> , 2015, 6, 395.	1.3	17
34	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1362-1370.	1.3	16
35	Increasing the Magnesium Concentration in Various Dialysate Solutions Differentially Modulates Oxidative Stress in a Human Monocyte Cell Line. <i>Antioxidants</i> , 2020, 9, 319.	2.2	14
36	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 816-818.	1.8	13

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37	Premature Aging in Chronic Kidney Disease: The Outcome of Persistent Inflammation beyond the Bounds. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8044.	1.2	13
38	Exploring New Kingdoms: The Role of Extracellular Vesicles in Oxi-Inflamm-Aging Related to Cardiorenal Syndrome. <i>Antioxidants</i> , 2022, 11, 78.	2.2	11
39	Kinase-dependent, retinoic acid receptor-independent up-regulation of cyclooxygenase-2 by all-trans retinoic acid in human mesangial cells. <i>British Journal of Pharmacology</i> , 2006, 149, 215-225.	2.7	10
40	Upregulation of Cyclooxygenases by Retinoic Acid in Rat Mesangial Cells. <i>Pharmacology</i> , 2007, 79, 57-64.	0.9	10
41	Changes in extracellular matrix composition regulate cyclooxygenase-2 expression in human mesangial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C907-C918.	2.1	10
42	Endothelial Cell Senescence in the Pathogenesis of Endothelial Dysfunction. , 2018, , .		10
43	Adeno-associated Virus Serotype 8 ApoA-I Gene Transfer Reduces Progression of Atherosclerosis in ApoE-KO Mice: Comparison of Intramuscular and Intravenous Administration. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 325-333.	0.8	9
44	Endothelial Senescence and the Chronic Vascular Diseases: Challenges and Therapeutic Opportunities in Atherosclerosis. <i>Journal of Personalized Medicine</i> , 2022, 12, 215.	1.1	9
45	Cyclooxygenase-independent inhibition of H ₂ O ₂ -induced cell death by S-ketoprofen in renal cells. <i>Pharmacological Research</i> , 2007, 55, 295-302.	3.1	8
46	The Contribution of Extracellular Vesicles From Senescent Endothelial and Vascular Smooth Muscle Cells to Vascular Calcification. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 854726.	1.1	8
47	A high magnesium concentration in citrate dialysate prevents oxidative stress and damage in human monocytes <i>in vitro</i> . <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1403-1411.	1.4	5
48	All-Trans Retinoic Acid and Glycated Albumin Reciprocally Influence their Effects in Human Mesangial Cells. <i>International Journal for Vitamin and Nutrition Research</i> , 2005, 75, 47-53.	0.6	4
49	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. I. Effects after oral administration. <i>British Journal of Pharmacology</i> , 2006, 149, 56-64.	2.7	4
50	Statins and antiplatelet agents are associated with changes in the circulatory markers of endothelial dysfunction in chronic kidney disease. <i>Nefrologia</i> , 2019, 39, 287-293.	0.2	3
51	El uso de estatinas y antiagregantes se asocia con cambios en los marcadores de disfunción endotelial en la enfermedad renal crónica. <i>Nefrologia</i> , 2019, 39, 287-293.	0.2	3
52	Special Issue "Oxidative Stress in Aging and Associated Chronic Diseases". <i>Antioxidants</i> , 2022, 11, 701.	2.2	3
53	SPO81MCP-2/CCR8 AXIS IS ACTIVATED IN EXPERIMENTAL RENAL AND VASCULAR INFLAMMATION. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii405-iii406.	0.4	2
54	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. <i>European Journal of Pharmacology</i> , 2016, 770, 147-153.	1.7	2

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55	Effect of Kidney Transplantation on Accelerated Immunosenescence and Vascular Changes Induced by Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 705159.	1.2	2
56	Mechanisms and targets of glomerular damage. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, ii9-ii10.	0.4	1
57	EFFECT OF LXR-623, ALONE OR IN COMBINATION WITH SIMVASTATIN, ON REGRESSION AND STABILIZATION OF ATHEROSCLEROTIC PLAQUES: AN MRI STUDY IN A MODEL OF ADVANCED ATHEROSCLEROSIS. <i>Journal of the American College of Cardiology</i> , 2010, 55, A164.E1539.	1.2	0
58	FO024GREMLIN REGULATES RENAL INFLAMMATION VIA VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 PATHWAY. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii12-iii12.	0.4	0
59	MP082HYPOXIA-INDUCIBLE FACTOR-1 α REGULATES MIGRATION, PROLIFERATION AND ANGIOGENESIS IN REPLICATIVE ENDOTHELIAL SENESCENCE INDEPENDENTLY OF MICRORNA-126 EXPRESSION. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, iii456-iii456.	0.4	0
60	FP354VASCULAR CALCIFICATION IN VITRO PRODUCED BY SENESCENT MICROVESICLES FROM INDOXYL SULFATE-TREATED ENDOTHELIAL CELLS. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0
61	P1052EXPANDED HEMODIALYSIS (HDX) DOES NOT AFFECT EPIGENETIC INTERCELLULAR SIGNALS INVOLVED IN INFLAMMATION AND CARDIOVASCULAR DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0