

Matilde Alique

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6181869/publications.pdf>

Version: 2024-02-01

61
papers

1,611
citations

257450
24
h-index

315739
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.	12.2	165
2	Recombinant HDLMilano exerts greater anti-inflammatory and plaque stabilizing properties than HDLwild-type. <i>Atherosclerosis</i> , 2012, 220, 72-77.	0.8	95
3	Microvesicles from the plasma of elderly subjects and from senescent endothelial cells promote vascular calcification. <i>Aging</i> , 2017, 9, 778-789.	3.1	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.	3.7	76
5	LDL biochemical modifications: a link between atherosclerosis and aging. <i>Food and Nutrition Research</i> , 2015, 59, 29240.	2.6	57
6	Gremlin regulates renal inflammation via the vascular endothelial growth factor receptor 2 pathway. <i>Journal of Pathology</i> , 2015, 236, 407-420.	4.5	56
7	Retinoids as a potential treatment for experimental puromycinâ€nduced nephrosis. <i>British Journal of Pharmacology</i> , 2003, 139, 823-831.	5.4	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.	3.3	54
9	Angiotensin receptors and β -catenin regulate brain endothelial integrity in malaria. <i>Journal of Clinical Investigation</i> , 2016, 126, 4016-4029.	8.2	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.	5.4	49
11	Hypoxia-Inducible Factor-1 α : The Master Regulator of Endothelial Cell Senescence in Vascular Aging. <i>Cells</i> , 2020, 9, 195.	4.1	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.	3.3	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.	3.7	42
15	Senescent Microvesicles: A Novel Advance in Molecular Mechanisms of Atherosclerotic Calcification. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2003.	4.1	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.	4.3	39
17	Angiotensin II Contributes to Renal Fibrosis Independently of Notch Pathway Activation. <i>PLoS ONE</i> , 2012, 7, e40490.	2.5	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.	2.2	36

#	ARTICLE	IF	CITATIONS
19	Microvesicles from indoxyl sulfate-treated endothelial cells induce vascular calcification in vitro. Computational and Structural Biotechnology Journal, 2020, 18, 953-966.	4.1	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. Journal of Neuroinflammation, 2007, 4, 1.	7.2	34
21	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. International Journal of Molecular Sciences, 2018, 19, 1495.	4.1	33
22	GSK3, Snail, and Adhesion Molecule Regulation by Cyclosporine A in Renal Tubular Cells. Toxicological Sciences, 2012, 127, 425-437.	3.1	31
23	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.	2.4	26
24	The Antioxidant Machinery of Young and Senescent Human Umbilical Vein Endothelial Cells and Their Microvesicles. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	25
25	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.	1.7	25
26	Young and Especially Senescent Endothelial Microvesicles Produce NADPH: The Fuel for Their Antioxidant Machinery. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	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. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 23-32.	1.7	23
28	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.	5.4	22
29	The oral administration of retinoic acid enhances nociceptive withdrawal reflexes in rats with soft-tissue inflammation. Inflammation Research, 2004, 53, 297-303.	4.0	21
30	Aging-associated oxidized albumin promotes cellular senescence and endothelial damage. Clinical Interventions in Aging, 2016, 11, 225.	2.9	19
31	Residual Renal Function in Hemodialysis and Inflammation. Therapeutic Apheresis and Dialysis, 2017, 21, 592-598.	0.9	19
32	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. Thrombosis and Haemostasis, 2012, 108, 1246-1248.	3.4	18
33	TNF α -Damaged-HUVECs Microparticles Modify Endothelial Progenitor Cell Functional Activity. Frontiers in Physiology, 2015, 6, 395.	2.8	17
34	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. Free Radical Biology and Medicine, 2009, 47, 1362-1370.	2.9	16
35	Increasing the Magnesium Concentration in Various Dialysate Solutions Differentially Modulates Oxidative Stress in a Human Monocyte Cell Line. Antioxidants, 2020, 9, 319.	5.1	14
36	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. Thrombosis and Haemostasis, 2017, 117, 816-818.	3.4	13

#	ARTICLE	IF	CITATIONS
37	Premature Aging in Chronic Kidney Disease: The Outcome of Persistent Inflammation beyond the Bounds. International Journal of Environmental Research and Public Health, 2021, 18, 8044.	2.6	13
38	Exploring New Kingdoms: The Role of Extracellular Vesicles in Oxi-Inflamm-Aging Related to Cardiorenal Syndrome. Antioxidants, 2022, 11, 78.	5.1	11
39	Kinase-independent, retinoic acid receptor-independent up-regulation of cyclooxygenase-2 by all-trans retinoic acid in human mesangial cells. British Journal of Pharmacology, 2006, 149, 215-225.	5.4	10
40	Upregulation of Cyclooxygenases by Retinoic Acid in Rat Mesangial Cells. Pharmacology, 2007, 79, 57-64.	2.2	10
41	Changes in extracellular matrix composition regulate cyclooxygenase-2 expression in human mesangial cells. American Journal of Physiology - Cell Physiology, 2011, 300, C907-C918.	4.6	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. Journal of Cardiovascular Pharmacology, 2011, 57, 325-333.	1.9	9
44	Endothelial Senescence and the Chronic Vascular Diseases: Challenges and Therapeutic Opportunities in Atherosclerosis. Journal of Personalized Medicine, 2022, 12, 215.	2.5	9
45	Cyclooxygenase-independent inhibition of H ₂ O ₂ -induced cell death by S-ketoprofen in renal cells. Pharmacological Research, 2007, 55, 295-302.	7.1	8
46	The Contribution of Extracellular Vesicles From Senescent Endothelial and Vascular Smooth Muscle Cells to Vascular Calcification. Frontiers in Cardiovascular Medicine, 2022, 9, 854726.	2.4	8
47	A high magnesium concentration in citrate dialysate prevents oxidative stress and damage in human monocytes <i>in vitro</i> . CKJ: Clinical Kidney Journal, 2021, 14, 1403-1411.	2.9	5
48	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.	1.5	4
49	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.	5.4	4
50	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	3
51	El uso de estatinas y antiagregantes se asocia con cambios en los marcadores de disfunción endotelial en la enfermedad renal crónica. Nefrologia, 2019, 39, 287-293.	0.4	3
52	Special Issue "Oxidative Stress in Aging and Associated Chronic Diseases". Antioxidants, 2022, 11, 701.	5.1	3
53	SPO81MCP-2/CCR8 AXIS IS ACTIVATED IN EXPERIMENTAL RENAL AND VASCULAR INFLAMMATION. Nephrology Dialysis Transplantation, 2015, 30, iii405-iii406.	0.7	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. European Journal of Pharmacology, 2016, 770, 147-153.	3.5	2

#	ARTICLE	IF	CITATIONS
55	Effect of Kidney Transplantation on Accelerated Immunosenescence and Vascular Changes Induced by Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 705159.	2.6	2
56	Mechanisms and targets of glomerular damage. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, ii9-ii10.	0.7	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.	2.8	0
58	FO024GREMLIN REGULATES RENAL INFLAMMATION VIA VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 PATHWAY. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii12-iii12.	0.7	0
59	MP082HYPOXIA-INDUCIBLE FACTOR-1 α REGULATES MIGRATION, PROLIFERATION AND ANGIOGENESIS IN REPLICATIVE ENDOTHELIAL SENESENCE INDEPENDENTLY OF MICRORNA-126 EXPRESSION. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, iii456-iii456.	0.7	0
60	FP354VASCULAR CALCIFICATION IN VITRO PRODUCED BY SENESCENT MICROVESICLES FROM INDOXYL SULFATE-TREATED ENDOTHELIAL CELLS. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0
61	P1052EXPANDED HEMODIALYSIS (HDX) DOES NOT AFFECT EPIGENETIC INTERCELLULAR SIGNALS INVOLVED IN INFLAMMATION AND CARDIOVASCULAR DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0