

# Matilde Alique

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Contribution of Extracellular Vesicles From Senescent Endothelial and Vascular Smooth Muscle Cells to Vascular Calcification.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 854726	5.4	1
54	Premature Aging in Chronic Kidney Disease: The Outcome of Persistent Inflammation beyond the Bounds. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
53	A high magnesium concentration in citrate dialysate prevents oxidative stress and damage in human monocytes. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 1403-1411	4.5	1
52	Effect of Kidney Transplantation on Accelerated Immunosenescence and Vascular Changes Induced by Chronic Kidney Disease. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 705159	4.9	
51	Exploring New Kingdoms: The Role of Extracellular Vesicles in Oxi-Inflamm-Aging Related to Cardiorenal Syndrome.. <i>Antioxidants</i> , <b>2021</b> , 11,	7.1	3
50	Hypoxia-Inducible Factor-1βThe Master Regulator of Endothelial Cell Senescence in Vascular Aging. <i>Cells</i> , <b>2020</b> , 9,	7.9	24
49	Microvesicles from indoxyl sulfate-treated endothelial cells induce vascular calcification. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 953-966	6.8	13
48	Increasing the Magnesium Concentration in Various Dialysate Solutions Differentially Modulates Oxidative Stress in a Human Monocyte Cell Line. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	3
47	Mechanisms of Cardiovascular Disorders in Patients With Chronic Kidney Disease: A Process Related to Accelerated Senescence. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 185	5.7	28
46	MicroRNA-126 regulates Hypoxia-Inducible Factor-1βwhich inhibited migration, proliferation, and angiogenesis in replicative endothelial senescence. <i>Scientific Reports</i> , <b>2019</b> , 9, 7381	4.9	25
45	Statins and antiplatelet agents are associated with changes in the circulatory markers of endothelial dysfunction in chronic kidney disease. <i>Nefrologia</i> , <b>2019</b> , 39, 287-293	0.4	1
44	Statins and antiplatelet agents are associated with changes in the circulatory markers of endothelial dysfunction in chronic kidney disease. <i>Nefrologia</i> , <b>2019</b> , 39, 287-293	1.5	2
43	Microvesicles: ROS scavengers and ROS producers. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1626654	16.4	86
42	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> , <b>2019</b> , 17, 447-454	3.3	20
41	Young and Especially Senescent Endothelial Microvesicles Produce NADPH: The Fuel for Their Antioxidant Machinery. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 3183794	6.7	17
40	Senescent Microvesicles: A Novel Advance in Molecular Mechanisms of Atherosclerotic Calcification. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	24
39	Endothelial Cell Senescence in the Pathogenesis of Endothelial Dysfunction <b>2018</b> ,		4

38	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	16
37	iNOS-Derived Nitric Oxide Induces Integrin-Linked Kinase Endocytic Lysosome-Mediated Degradation in the Vascular Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 1272-1281	9.4	17
36	Residual Renal Function in Hemodialysis and Inflammation. <i>Therapeutic Apheresis and Dialysis</i> , <b>2017</b> , 21, 592-598	1.9	10
35	The Antioxidant Machinery of Young and Senescent Human Umbilical Vein Endothelial Cells and Their Microvesicles. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 7094781	6.7	18
34	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 816-818	7	11
33	MP082HYPOXIA-INDUCIBLE FACTOR-1REGULATES MIGRATION, PROLIFERATION AND ANGIOGENESIS IN REPLICATIVE ENDOTHELIAL SENESCENCE INDEPENDENTLY OF MICRORNA-126 EXPRESSION. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, iii456-iii456	4.3	
32	Microvesicles from the plasma of elderly subjects and from senescent endothelial cells promote vascular calcification. <i>Aging</i> , <b>2017</b> , 9, 778-789	5.6	60
31	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> , <b>2016</b> , 770, 147-53	5.3	2
30	Angiotensin receptors and Eatenin regulate brain endothelial integrity in malaria. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4016-4029	15.9	32
29	Aging-associated oxidized albumin promotes cellular senescence and endothelial damage. <i>Clinical Interventions in Aging</i> , <b>2016</b> , 11, 225-36	4	17
28	Gremlin regulates renal inflammation via the vascular endothelial growth factor receptor 2 pathway. <i>Journal of Pathology</i> , <b>2015</b> , 236, 407-20	9.4	39
27	Angiotensin II, via angiotensin receptor type 1/nuclear factor-B activation, causes a synergistic effect on interleukin-1-induced inflammatory responses in cultured mesangial cells. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2015</b> , 16, 23-32	3	19
26	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF-Dependent Fibrogenesis. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 1092-105	8.4	41
25	LDL biochemical modifications: a link between atherosclerosis and aging. <i>Food and Nutrition Research</i> , <b>2015</b> , 59, 29240	3.1	42
24	TNF-Damaged-HUVECs Microparticles Modify Endothelial Progenitor Cell Functional Activity. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 395	4.6	13
23	SP081MCP-2/CCR8 AXIS IS ACTIVATED IN EXPERIMENTAL RENAL AND VASCULAR INFLAMMATION. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, iii405-iii406	4.3	1
22	FO024GREMLIN REGULATES RENAL INFLAMMATION VIA VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 PATHWAY. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, iii12-iii12	4.3	
21	Alternatively spliced tissue factor promotes plaque angiogenesis through the activation of hypoxia-inducible factor-1 and vascular endothelial growth factor signaling. <i>Circulation</i> , <b>2014</b> , 130, 1274-86	16.7	36

20	Integrin-linked kinase plays a key role in the regulation of angiotensin II-induced renal inflammation. <i>Clinical Science</i> , <b>2014</b> , 127, 19-31	6.5	37
19	The C-terminal module IV of connective tissue growth factor is a novel immune modulator of the Th17 response. <i>Laboratory Investigation</i> , <b>2013</b> , 93, 812-24	5.9	36
18	Connective tissue growth factor is a new ligand of epidermal growth factor receptor. <i>Journal of Molecular Cell Biology</i> , <b>2013</b> , 5, 323-35	6.3	44
17	Recombinant HDL(Milano) exerts greater anti-inflammatory and plaque stabilizing properties than HDL(wild-type). <i>Atherosclerosis</i> , <b>2012</b> , 220, 72-7	3.1	78
16	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 1246-8	7	16
15	GSK3, snail, and adhesion molecule regulation by cyclosporine A in renal tubular cells. <i>Toxicological Sciences</i> , <b>2012</b> , 127, 425-37	4.4	30
14	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> , <b>2012</b> , 33, 264-73	9.5	32
13	Angiotensin II contributes to renal fibrosis independently of Notch pathway activation. <i>PLoS ONE</i> , <b>2012</b> , 7, e40490	3.7	33
12	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> , <b>2011</b> , 57, 325-33	3.1	8
11	Changes in extracellular matrix composition regulate cyclooxygenase-2 expression in human mesangial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2011</b> , 300, C907-18	5.4	7
10	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 1362-70	7.8	16
9	Cyclooxygenase-independent inhibition of H2O2-induced cell death by S-ketoprofen in renal cells. <i>Pharmacological Research</i> , <b>2007</b> , 55, 295-302	10.2	8
8	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> , <b>2007</b> , 4, 1	10.1	25
7	Upregulation of cyclooxygenases by retinoic acid in rat mesangial cells. <i>Pharmacology</i> , <b>2007</b> , 79, 57-64	2.3	8
6	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. II. Effects after intrathecal administration. <i>British Journal of Pharmacology</i> , <b>2006</b> , 149, 65-72	8.6	16
5	Vitamin A active metabolite, all-trans retinoic acid, induces spinal cord sensitization. I. Effects after oral administration. <i>British Journal of Pharmacology</i> , <b>2006</b> , 149, 56-64	8.6	4
4	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> , <b>2006</b> , 149, 215-25	8.6	10
3	All-trans retinoic acid and glycated albumin reciprocally influence their effects in human mesangial cells. <i>International Journal for Vitamin and Nutrition Research</i> , <b>2005</b> , 75, 47-53	1.7	4

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| 2 | The oral administration of retinoic acid enhances nociceptive withdrawal reflexes in rats with soft-tissue inflammation. <i>Inflammation Research</i> , <b>2004</b> , 53, 297-303 | 7.2 | 18 |
| 1 | Retinoids as a potential treatment for experimental puromycin-induced nephrosis. <i>British Journal of Pharmacology</i> , <b>2003</b> , 139, 823-31                               | 8.6 | 49 |