

# Julia Carracedo

## List of Publications by Citations

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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.

86 papers	2,690 citations	30 h-index	49 g-index
90 ext. papers	3,107 ext. citations	5.1 avg, IF	4.7 L-index

#	Paper	IF	Citations
86	NK phenotypic markers and IL2 response in NK cells from elderly people. <i>Experimental Gerontology</i> , <b>1999</b> , 34, 253-65	4.5	225
85	Senescent CD14+CD16+ monocytes exhibit proinflammatory and proatherosclerotic activity. <i>Journal of Immunology</i> , <b>2011</b> , 186, 1809-15	5.3	138
84	Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 267-74	7	111
83	On-line hemodiafiltration reduces the proinflammatory CD14+CD16+ monocyte-derived dendritic cells: A prospective, crossover study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2006</b> , 17, 2315-21	12.7	96
82	Endothelial microparticles mediate inflammation-induced vascular calcification. <i>FASEB Journal</i> , <b>2015</b> , 29, 173-81	0.9	95
81	Microvesicles: ROS scavengers and ROS producers. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1626654	16.4	86
80	Massive telomere loss is an early event of DNA damage-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 836-42	5.4	76
79	Stress-induced premature senescence in mononuclear cells from patients on long-term hemodialysis. <i>American Journal of Kidney Diseases</i> , <b>2005</b> , 45, 353-9	7.4	73
78	Carbamylated low-density lipoprotein induces oxidative stress and accelerated senescence in human endothelial progenitor cells. <i>FASEB Journal</i> , <b>2011</b> , 25, 1314-22	0.9	71
77	Dietary magnesium supplementation prevents and reverses vascular and soft tissue calcifications in uremic rats. <i>Kidney International</i> , <b>2017</b> , 92, 1084-1099	9.9	67
76	Mediterranean diet reduces senescence-associated stress in endothelial cells. <i>Age</i> , <b>2012</b> , 34, 1309-16		62
75	Effect of uremia and dialysis modality on mononuclear cell apoptosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2000</b> , 11, 936-942	12.7	60
74	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
73	Microinflammation induces endothelial damage in hemodialysis patients: the role of convective transport. <i>Kidney International</i> , <b>2007</b> , 72, 108-13	9.9	59
72	Klotho Prevents NFB Translocation and Protects Endothelial Cell From Senescence Induced by Uremia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1198-209	6.4	56
71	Endothelial damage and vascular calcification in patients with chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, F1302-11	4.3	48
70	Klotho modulates the stress response in human senescent endothelial cells. <i>Mechanisms of Ageing and Development</i> , <b>2012</b> , 133, 647-54	5.6	48

69	Effect of different dialysis modalities on microinflammatory status and endothelial damage. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2010</b> , 5, 227-34	6.9	47
68	Microvesicles Derived from Indoxyl Sulfate Treated Endothelial Cells Induce Endothelial Progenitor Cells Dysfunction. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 666	4.6	44
67	Effects of intravenous iron on mononuclear cells during the haemodialysis session. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 2465-71	4.3	44
66	Cytometric bead array (CBA) for the measurement of cytokines in urine and plasma of patients undergoing renal rejection. <i>Cytokine</i> , <b>2005</b> , 32, 45-50	4	43
65	LDL biochemical modifications: a link between atherosclerosis and aging. <i>Food and Nutrition Research</i> , <b>2015</b> , 59, 29240	3.1	42
64	The imbalance in the ratio of Th1 and Th2 helper lymphocytes in uraemia is mediated by an increased apoptosis of Th1 subset. <i>Nephrology Dialysis Transplantation</i> , <b>2004</b> , 19, 3084-90	4.3	40
63	Cellular senescence determines endothelial cell damage induced by uremia. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 766-73	4.5	37
62	Natural killer susceptibility is independent of HLA class I antigen expression on cell lines obtained from human solid tumors. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 2445-8	6.1	37
61	CD14+CD16+ monocytes from chronic kidney disease patients exhibit increased adhesion ability to endothelial cells. <i>Contributions To Nephrology</i> , <b>2011</b> , 171, 57-61	1.6	36
60	Serum levels of intercellular adhesion molecule 1 (ICAM-1) in patients with colorectal cancer: inhibitory effect on cytotoxicity. <i>European Journal of Cancer</i> , <b>1998</b> , 34, 394-8	7.5	36
59	Cell apoptosis and hemodialysis-induced inflammation. <i>Kidney International</i> , <b>2002</b> , 89-93	9.9	32
58	TH2 lymphocytes from atopic patients treated with immunotherapy undergo rapid apoptosis after culture with specific allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>2001</b> , 107, 647-53	11.5	32
57	C1-esterase inhibitor prevents early pulmonary dysfunction after lung transplantation in the dog. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1997</b> , 155, 1147-54	10.2	31
56	Microinflammation and endothelial damage in hemodialysis. <i>Contributions To Nephrology</i> , <b>2008</b> , 161, 83-88	1.6	30
55	Replicative senescence in patients with chronic kidney failure. <i>Kidney International</i> , <b>2005</b> , S11-5	9.9	28
54	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
53	Antithrombin III prevents early pulmonary dysfunction after lung transplantation in the dog. <i>Circulation</i> , <b>2001</b> , 104, 2975-80	16.7	26
52	MicroRNA-126 regulates Hypoxia-Inducible Factor-1 $\alpha$ which inhibited migration, proliferation, and angiogenesis in replicative endothelial senescence. <i>Scientific Reports</i> , <b>2019</b> , 9, 7381	4.9	25

51	Carbamylated darbepoetin derivative prevents endothelial progenitor cell damage with no effect on angiogenesis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 781-8	5.8	25
50	Hypoxia-Inducible Factor-1β The Master Regulator of Endothelial Cell Senescence in Vascular Aging. <i>Cells</i> , <b>2020</b> , 9,	7.9	24
49	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
48	Markers of endothelial damage in patients with chronic kidney disease on hemodialysis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 312, F673-F681	4.3	23
47	Pertussis toxin inhibits activation-induced cell death of human thymocytes, pre-B leukemia cells and monocytes. <i>Journal of Experimental Medicine</i> , <b>1994</b> , 180, 1147-52	16.6	23
46	Klotho Prevents Translocation of NFB. <i>Vitamins and Hormones</i> , <b>2016</b> , 101, 119-50	2.5	23
45	Losartan prevents the development of the pro-inflammatory monocytes CD14+CD16+ in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 2907-12	4.3	22
44	Effect of uraemia on endothelial cell damage is mediated by the integrin linked kinase pathway. <i>Journal of Physiology</i> , <b>2015</b> , 593, 601-18; discussion 618	3.9	21
43	Cell aggregation and apoptosis induced by hemodialysis membranes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>1995</b> , 6, 1586-91	12.7	21
42	1 alpha, 25-dihydroxyvitamin D3 (calcitriol) induces apoptosis in stimulated T cells through an IL-2 dependent mechanism. <i>Cytokine</i> , <b>1996</b> , 8, 342-5	4	20
41	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
40	Microinflammation in hemodialysis is related to a preactivated subset of monocytes. <i>Hemodialysis International</i> , <b>2006</b> , 10 Suppl 1, S24-7	1.7	19
39	Coupling of endothelial injury and repair: an analysis using an in vivo experimental model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 294, H708-13	5.2	18
38	Hemodiafiltration With Endogenous Reinfusion Improved Microinflammation and Endothelial Damage Compared With Online-Hemodiafiltration: A Hypothesis Generating Study. <i>Artificial Organs</i> , <b>2017</b> , 41, 88-98	2.6	17
37	Bacterial DNA prolongs the survival of inflamed mononuclear cells in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 3580-5	4.3	17
36	The effect of LPS, uraemia, and haemodialysis membrane exposure on CD14 expression in mononuclear cells and its relation to apoptosis. <i>Nephrology Dialysis Transplantation</i> , <b>2002</b> , 17, 428-34	4.3	17
35	CD69-induced monocyte apoptosis involves multiple nonredundant signaling pathways. <i>Cellular Immunology</i> , <b>1996</b> , 172, 192-9	4.4	17
34	Aging-associated oxidized albumin promotes cellular senescence and endothelial damage. <i>Clinical Interventions in Aging</i> , <b>2016</b> , 11, 225-36	4	17

33	Microparticles released by vascular endothelial cells increase hypoxia inducible factor expression in human proximal tubular HK-2 cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 53, 334-42	5.6	16
32	Post-dilution high convective transport improves microinflammation and endothelial dysfunction independently of the technique. <i>Blood Purification</i> , <b>2013</b> , 35, 270-8	3.1	16
31	Protein Carbamylation: A Marker Reflecting Increased Age-Related Cell Oxidation. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	16
30	HLA class-II-mediated homotypic aggregation: involvement of a protein tyrosine kinase and protein kinase C. <i>Human Immunology</i> , <b>1992</b> , 34, 115-25	2.3	15
29	Monocytes from dialysis patients exhibit characteristics of senescent cells: does it really mean inflammation?. <i>Contributions To Nephrology</i> , <b>2005</b> , 149, 208-218	1.6	14
28	Lymphocyte apoptosis: role of uremia and permeability of dialysis membrane. <i>Nephron Clinical Practice</i> , <b>2005</b> , 100, c71-7		14
27	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
26	TNF $\alpha$ -Damaged-HUVECs Microparticles Modify Endothelial Progenitor Cell Functional Activity. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 395	4.6	13
25	Bacterial DNA and endothelial damage in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 3635-42	4.3	13
24	Caspase-3-dependent pathway mediates apoptosis of human mononuclear cells induced by cellulosic haemodialysis membranes. <i>Nephrology Dialysis Transplantation</i> , <b>2002</b> , 17, 1971-7	4.3	12
23	Pertussis toxin-sensitive GTP-binding proteins regulate activation-induced apoptotic cell death of human natural killer cells. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 3094-9	6.1	12
22	Mechanisms involved in NK resistance induced by interferon-gamma. <i>Cellular Immunology</i> , <b>1992</b> , 140, 248-56	4.4	11
21	Mycobacterium tuberculosis induces apoptosis in gamma/delta T lymphocytes from patients with advanced clinical forms of active tuberculosis. <i>Vaccine Journal</i> , <b>1997</b> , 4, 14-8		10
20	Endothelial vascular markers in coronary surgery. <i>Heart and Vessels</i> , <b>2017</b> , 32, 1390-1399	2.1	9
19	Changes in endothelial microparticles and endothelial progenitor cells in obese patients in response to surgical stress. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2015</b> , 97, 353-8	5.6	9
18	Effectiveness of haemodiafiltration with ultrafiltrate regeneration in the reduction of light chains in multiple myeloma with renal failure. <i>Nefrologia</i> , <b>2013</b> , 33, 788-96	1.5	8
17	Allergens induce apoptosis in lymphocytes from atopic patients. <i>Human Immunology</i> , <b>1999</b> , 60, 840-7	2.3	7
16	Role of adhesion molecules in mononuclear cell apoptosis induced by cuprophane hemodialysis membranes. <i>Nephron</i> , <b>2001</b> , 89, 186-93	3.3	6

15	HLA class II-mediated aggregation is associated with the proliferation of B lymphocytes. <i>Cellular Immunology</i> , <b>1993</b> , 152, 522-9	4.4	6
14	MHC class I expression on human tumour cells and their susceptibility to NK lysis. <i>International Journal of Immunogenetics</i> , <b>1989</b> , 16, 407-12		6
13	Analysis of the mechanisms involved in NK resistance induced by a new tumor factor NK-RIF. <i>Cellular Immunology</i> , <b>1990</b> , 130, 244-51	4.4	5
12	Endothelial Cell Senescence in the Pathogenesis of Endothelial Dysfunction <b>2018</b> ,		4
11	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
10	Calcitriol induces apoptosis of incubated lymphocyte T cells from patients with acute renal graft rejection. <i>Transplantation Proceedings</i> , <b>1999</b> , 31, 2311-3	1.1	3
9	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
8	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
7	Antibody-mediated pure red cell aplasia (PRCA): ensuring future progress by collecting data from a registry. <i>Nephrology Dialysis Transplantation</i> , <b>2005</b> , 20 Suppl 4, iv27-30	4.3	2
6	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
5	Pancreatic autoantibodies and CD14+CD16+ monocytes subset are associated with the impairment of T cell function after simultaneous pancreas-kidney transplantation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212547	3.7	1
4	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
3	Dialysate Purity: A Must <b>2002</b> , 137, 325-331		
2	Donor-Specific Antibodies After Starting Hemodialysis in Nonrenal Solid Organ Transplant Recipients: Role of TH17. <i>Transplantation Proceedings</i> , <b>2016</b> , 48, 2920-2923	1.1	
1	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	