

Carlamaria Zoja

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126
papers

9,118
citations

51
h-index

94
g-index

128
ext. papers

9,901
ext. citations

7.5
avg, IF

5.45
L-index

#	Paper	IF	Citations
126	Mesenchymal stem cells are renotropic, helping to repair the kidney and improve function in acute renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 1794-804	12.7	615
125	How does proteinuria cause progressive renal damage?. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 2974-84	12.7	544
124	Thrombomodulin mutations in atypical hemolytic-uremic syndrome. <i>New England Journal of Medicine</i> , 2009 , 361, 345-57	59.2	418
123	Disruption of the Ang II type 1 receptor promotes longevity in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 524-30	15.9	374
122	Human bone marrow mesenchymal stem cells accelerate recovery of acute renal injury and prolong survival in mice. <i>Stem Cells</i> , 2008 , 26, 2075-82	5.8	326
121	Protein overload stimulates RANTES production by proximal tubular cells depending on NF-kappa B activation. <i>Kidney International</i> , 1998 , 53, 1608-15	9.9	324
120	Leukocyte-endothelial interaction is augmented by high glucose concentrations and hyperglycemia in a NF-kB-dependent fashion. <i>Journal of Clinical Investigation</i> , 1998 , 101, 1905-15	15.9	316
119	Insulin-like growth factor-1 sustains stem cell mediated renal repair. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2921-8	12.7	264
118	Reduced umbilical and placental vascular prostacyclin in severe pre-eclampsia. <i>Prostaglandins</i> , 1980 , 20, 105-10		212
117	Proximal tubular cell synthesis and secretion of endothelin-1 on challenge with albumin and other proteins. <i>American Journal of Kidney Diseases</i> , 1995 , 26, 934-41	7.4	211
116	Alternative pathway activation of complement by Shiga toxin promotes exuberant C3a formation that triggers microvascular thrombosis. <i>Journal of Immunology</i> , 2011 , 187, 172-80	5.3	186
115	A specific endothelin subtype A receptor antagonist protects against injury in renal disease progression. <i>Kidney International</i> , 1993 , 44, 440-4	9.9	180
114	Add-on anti-TGF-beta antibody to ACE inhibitor arrests progressive diabetic nephropathy in the rat. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 1816-24	12.7	160
113	Life-sparing effect of human cord blood-mesenchymal stem cells in experimental acute kidney injury. <i>Stem Cells</i> , 2010 , 28, 513-22	5.8	152
112	Shiga toxin-associated hemolytic uremic syndrome: pathophysiology of endothelial dysfunction. <i>Pediatric Nephrology</i> , 2010 , 25, 2231-40	3.2	137
111	Protein traffic activates NF-kB gene signaling and promotes MCP-1-dependent interstitial inflammation. <i>American Journal of Kidney Diseases</i> , 2000 , 36, 1226-41	7.4	134
110	In response to protein load podocytes reorganize cytoskeleton and modulate endothelin-1 gene: implication for permselective dysfunction of chronic nephropathies. <i>American Journal of Pathology</i> , 2005 , 166, 1309-20	5.8	131

109	How to fully protect the kidney in a severe model of progressive nephropathy: a multidrug approach. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 2898-908	12.7	131
108	Tubulo-interstitial lesions mediate renal damage in adriamycin glomerulopathy. <i>Kidney International</i> , 1986 , 30, 488-96	9.9	131
107	Renal endothelin gene expression is increased in remnant kidney and correlates with disease progression. <i>Kidney International</i> , 1993 , 43, 354-8	9.9	119
106	Cellular responses to protein overload: key event in renal disease progression. <i>Current Opinion in Nephrology and Hypertension</i> , 2004 , 13, 31-7	3.5	117
105	Transforming growth factor-beta1 is up-regulated by podocytes in response to excess intraglomerular passage of proteins: a central pathway in progressive glomerulosclerosis. <i>American Journal of Pathology</i> , 2002 , 161, 2179-93	5.8	116
104	Mycophenolate mofetil limits renal damage and prolongs life in murine lupus autoimmune disease. <i>Kidney International</i> , 1997 , 51, 1583-9	9.9	114
103	Renal and systemic nitric oxide synthesis in rats with renal mass reduction. <i>Kidney International</i> , 1997 , 52, 171-81	9.9	112
102	Protein overload induces fractalkine upregulation in proximal tubular cells through nuclear factor kappaB- and p38 mitogen-activated protein kinase-dependent pathways. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 2436-46	12.7	105
101	The Nrf2 pathway in the progression of renal disease. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29 Suppl 1, i19-i24	4.3	98
100	Unlike each drug alone, lisinopril if combined with avosentan promotes regression of renal lesions in experimental diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, F1448-56	4.3	97
99	Proximal tubular cells promote fibrogenesis by TGF-beta1-mediated induction of peritubular myofibroblasts. <i>Kidney International</i> , 2002 , 61, 2066-77	9.9	97
98	Shiga toxin-2 triggers endothelial leukocyte adhesion and transmigration via NF-kappaB dependent up-regulation of IL-8 and MCP-1. <i>Kidney International</i> , 2002 , 62, 846-56	9.9	94
97	Effect of combining ACE inhibitor and statin in severe experimental nephropathy. <i>Kidney International</i> , 2002 , 61, 1635-45	9.9	88
96	Blocking both type A and B endothelin receptors in the kidney attenuates renal injury and prolongs survival in rats with remnant kidney. <i>American Journal of Kidney Diseases</i> , 1996 , 27, 416-23	7.4	88
95	Shigatoxin-induced endothelin-1 expression in cultured podocytes autocrinally mediates actin remodeling. <i>American Journal of Pathology</i> , 2006 , 169, 1965-75	5.8	85
94	Verotoxin-1-induced up-regulation of adhesive molecules renders microvascular endothelial cells thrombogenic at high shear stress. <i>Blood</i> , 2001 , 98, 1828-35	2.2	81
93	Role of endothelium-derived nitric oxide in the bleeding tendency of uremia. <i>Journal of Clinical Investigation</i> , 1990 , 86, 1768-71	15.9	81
92	Analogues of bardoxolone methyl worsen diabetic nephropathy in rats with additional adverse effects. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F808-19	4.3	77

91	Proteasomal processing of albumin by renal dendritic cells generates antigenic peptides. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 123-30	12.7	74
90	Transcriptional regulation of nephrin gene by peroxisome proliferator-activated receptor-gamma agonist: molecular mechanism of the antiproteinuric effect of pioglitazone. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 1624-32	12.7	73
89	Mesenchymal stem cell therapy promotes renal repair by limiting glomerular podocyte and progenitor cell dysfunction in adriamycin-induced nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F1370-81	4.3	71
88	Renal expression of FGF23 in progressive renal disease of diabetes and the effect of ACE inhibitor. <i>PLoS ONE</i> , 2013 , 8, e70775	3.7	68
87	The renoprotective properties of angiotensin-converting enzyme inhibitors in a chronic model of membranous nephropathy are solely due to the inhibition of angiotensin II: evidence based on comparative studies with a receptor antagonist. <i>American Journal of Kidney Diseases</i> , 1997 , 29, 254-64	7.4	67
86	Imatinib ameliorates renal disease and survival in murine lupus autoimmune disease. <i>Kidney International</i> , 2006 , 70, 97-103	9.9	66
85	Progression of renal injury toward interstitial inflammation and glomerular sclerosis is dependent on abnormal protein filtration. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 706-12	4.3	65
84	Renoprotective effect of contemporary blocking of angiotensin II and endothelin-1 in rats with membranous nephropathy. <i>Kidney International</i> , 1998 , 54, 353-9	9.9	63
83	Bindarit retards renal disease and prolongs survival in murine lupus autoimmune disease. <i>Kidney International</i> , 1998 , 53, 726-34	9.9	63
82	Rosuvastatin treatment prevents progressive kidney inflammation and fibrosis in stroke-prone rats. <i>American Journal of Pathology</i> , 2007 , 170, 1165-77	5.8	61
81	SGLT2 inhibitor dapagliflozin limits podocyte damage in proteinuric nondiabetic nephropathy. <i>JCI Insight</i> , 2018 , 3,	9.9	57
80	Errestin-1 drives endothelin-1-mediated podocyte activation and sustains renal injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 523-33	12.7	54
79	Complement-mediated dysfunction of glomerular filtration barrier accelerates progressive renal injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 1158-67	12.7	54
78	Distinct cardiac and renal effects of ETA receptor antagonist and ACE inhibitor in experimental type 2 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, F1114-23	4.3	51
77	Pharmacologic control of angiotensin II ameliorates renal disease while reducing renal TGF-beta in experimental mesangioproliferative glomerulonephritis. <i>American Journal of Kidney Diseases</i> , 1998 , 31, 453-63	7.4	51
76	Involvement of renal tubular Toll-like receptor 9 in the development of tubulointerstitial injury in systemic lupus. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1569-78		51
75	Indomethacin reduces proteinuria in passive Heymann nephritis in rats. <i>Kidney International</i> , 1987 , 31, 1335-43	9.9	49
74	V1/V2 Vasopressin receptor antagonism potentiates the renoprotection of renin-angiotensin system inhibition in rats with renal mass reduction. <i>Kidney International</i> , 2009 , 76, 960-7	9.9	46

73	Evaluation of the Zucker diabetic fatty (ZDF) rat as a model for human disease based on urinary peptidomic profiles. <i>PLoS ONE</i> , 2012 , 7, e51334	3.7	45
72	Adding a statin to a combination of ACE inhibitor and ARB normalizes proteinuria in experimental diabetes, which translates into full renoprotection. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, F1203-11	4.3	45
71	Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. <i>Kidney International</i> , 2001 , 60, 653-63	9.9	45
70	MicroRNA-184 is a downstream effector of albuminuria driving renal fibrosis in rats with diabetic nephropathy. <i>Diabetologia</i> , 2017 , 60, 1114-1125	10.3	44
69	Vasopeptidase inhibitor restores the balance of vasoactive hormones in progressive nephropathy. <i>Kidney International</i> , 2004 , 66, 1959-65	9.9	43
68	Plasmatic regulation of vascular prostacyclin in pregnancy. <i>British Medical Journal</i> , 1981 , 282, 512-4		43
67	Lipoprotein X Causes Renal Disease in LCAT Deficiency. <i>PLoS ONE</i> , 2016 , 11, e0150083	3.7	43
66	Cyclin-dependent kinase inhibition limits glomerulonephritis and extends lifespan of mice with systemic lupus. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1629-37		42
65	Increased nitric oxide formation in recurrent thrombotic microangiopathies: a possible mediator of microvascular injury. <i>American Journal of Kidney Diseases</i> , 1996 , 27, 790-6	7.4	42
64	Low-protein diet prevents glomerular damage in adriamycin-treated rats. <i>Kidney International</i> , 1985 , 28, 21-7	9.9	42
63	Protein overload activates proximal tubular cells to release vasoactive and inflammatory mediators. <i>Nephron Experimental Nephrology</i> , 1999 , 7, 420-8		40
62	Renoprotection by nitric oxide donor and lisinopril in the remnant kidney model. <i>American Journal of Kidney Diseases</i> , 1999 , 33, 746-53	7.4	40
61	Shiga toxin promotes podocyte injury in experimental hemolytic uremic syndrome via activation of the alternative pathway of complement. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1786-98	12.7	39
60	Experimental Goodpasture's syndrome in Wistar-Kyoto rats immunized with alpha3 chain of type IV collagen. <i>Kidney International</i> , 1998 , 54, 1550-61	9.9	39
59	Beneficial effect of TGFbeta antagonism in treating diabetic nephropathy depends on when treatment is started. <i>Nephron Experimental Nephrology</i> , 2006 , 104, e158-68		36
58	Progression of chronic kidney disease: insights from animal models. <i>Current Opinion in Nephrology and Hypertension</i> , 2006 , 15, 250-7	3.5	36
57	Angiotensin II blockade limits tubular protein overreabsorption and the consequent upregulation of endothelin 1 gene in experimental membranous nephropathy. <i>Nephron Experimental Nephrology</i> , 1998 , 6, 121-31		36
56	Effects of MCP-1 inhibition by bindarit therapy in a rat model of polycystic kidney disease. <i>Nephron</i> , 2015 , 129, 52-61	3.3	35

55	Fractalkine and CX3CR1 mediate leukocyte capture by endothelium in response to Shiga toxin. <i>Journal of Immunology</i> , 2008 , 181, 1460-9	5.3	35
54	The role of chemokines in progressive renal disease. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 1815-22.8		34
53	Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by Gene Transfer. <i>Antioxidants and Redox Signaling</i> , 2019 , 31, 1255-1271	8.4	33
52	Angiotensin II contributes to diabetic renal dysfunction in rodents and humans via Notch1/Snail pathway. <i>American Journal of Pathology</i> , 2013 , 183, 119-30	5.8	33
51	Therapy with a Selective Cannabinoid Receptor Type 2 Agonist Limits Albuminuria and Renal Injury in Mice with Type 2 Diabetic Nephropathy. <i>Nephron</i> , 2016 , 132, 59-69	3.3	30
50	Role of platelets in progressive glomerular diseases. <i>Pediatric Nephrology</i> , 1995 , 9, 495-502	3.2	30
49	Lack of the lectin-like domain of thrombomodulin worsens Shiga toxin-associated hemolytic uremic syndrome in mice. <i>Journal of Immunology</i> , 2012 , 189, 3661-8	5.3	29
48	Targeted deletion of angiotensin II type 1A receptor does not protect mice from progressive nephropathy of overload proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2666-74	12.7	28
47	Shear stress-induced cytoskeleton rearrangement mediates NF-kappaB-dependent endothelial expression of ICAM-1. <i>Microvascular Research</i> , 2000 , 60, 182-8	3.7	25
46	Protein load impairs factor H binding promoting complement-dependent dysfunction of proximal tubular cells. <i>Kidney International</i> , 2009 , 75, 1050-9	9.9	24
45	Cyclosporine enhances leukocyte adhesion to vascular endothelium under physiologic flow conditions. <i>American Journal of Kidney Diseases</i> , 1996 , 28, 23-31	7.4	24
44	Ticlopidine prevents renal disease progression in rats with reduced renal mass. <i>Kidney International</i> , 1990 , 37, 934-42	9.9	24
43	Addition of cyclic angiotensin-(1-7) to angiotensin-converting enzyme inhibitor therapy has a positive add-on effect in experimental diabetic nephropathy. <i>Kidney International</i> , 2019 , 96, 906-917	9.9	23
42	Endothelin and eicosanoid synthesis in cultured mesangial cells. <i>Kidney International</i> , 1990 , 37, 927-33	9.9	23
41	Renal protective effect of angiotensin-converting enzyme inhibition in aging rats. <i>American Journal of Medicine</i> , 1992 , 92, 60S-63S	2.4	22
40	Partial isolation and function of the prostacyclin regulating plasma factor. <i>Clinical Science</i> , 1985 , 69, 383-93	9.3	22
39	B7-1 Is Not Induced in Podocytes of Human and Experimental Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 999-1005	12.7	21
38	Shiga toxin triggers endothelial and podocyte injury: the role of complement activation. <i>Pediatric Nephrology</i> , 2019 , 34, 379-388	3.2	20

37	Therapeutic potential of stromal cells of non-renal or renal origin in experimental chronic kidney disease. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 220	8.3	19
36	Manipulating Sirtuin 3 pathway ameliorates renal damage in experimental diabetes. <i>Scientific Reports</i> , 2020 , 10, 8418	4.9	18
35	A previously unrecognized role of C3a in proteinuric progressive nephropathy. <i>Scientific Reports</i> , 2016 , 6, 28445	4.9	18
34	Mitochondrial-dependent Autoimmunity in Membranous Nephropathy of IgG4-related Disease. <i>EBioMedicine</i> , 2015 , 2, 456-66	8.8	17
33	C3a receptor blockade protects podocytes from injury in diabetic nephropathy. <i>JCI Insight</i> , 2020 , 5,	9.9	17
32	Increased renal versican expression is associated with progression of chronic kidney disease. <i>PLoS ONE</i> , 2012 , 7, e44891	3.7	15
31	Key pathways in renal disease progression of experimental diabetes. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30 Suppl 4, iv54-9	4.3	14
30	Renal primordia activate kidney regenerative events in a rat model of progressive renal disease. <i>PLoS ONE</i> , 2015 , 10, e0120235	3.7	14
29	Et and diabetic nephropathy: preclinical and clinical studies. <i>Seminars in Nephrology</i> , 2015 , 35, 188-96	4.8	13
28	Diabetic Nephropathy: Novel Molecular Mechanisms and Therapeutic Targets. <i>Frontiers in Pharmacology</i> , 2020 , 11, 586892	5.6	13
27	Effect of ACE inhibition on glomerular permselectivity and tubular albumin concentration in the renal ablation model. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, F1291-300	4.3	12
26	Xenogeneic human serum promotes leukocyte adhesion to porcine endothelium under flow conditions, possibly through the activation of the transcription factor NF-kappa B. <i>Xenotransplantation</i> , 1998 , 5, 57-60	2.8	12
25	Complement Activation Contributes to the Pathophysiology of Shiga Toxin-Associated Hemolytic Uremic Syndrome. <i>Microorganisms</i> , 2019 , 7,	4.9	12
24	Effects of rosuvastatin on glomerular capillary size-selectivity function in rats with renal mass ablation. <i>American Journal of Nephrology</i> , 2007 , 27, 630-8	4.6	11
23	Combining lisinopril and l-arginine slows disease progression and reduces endothelin-1 in passive Heymann nephritis. <i>Kidney International</i> , 2003 , 64, 857-63	9.9	11
22	Interleukin-1 regulates cytokine gene expression in human mesangial cells through the interleukin-1 receptor type 1. <i>Journal of the American Society of Nephrology: JASN</i> , 1992 , 2, 1709-15	12.7	10
21	Glomerulonephritis. <i>Current Opinion in Nephrology and Hypertension</i> , 1993 , 2, 465-74	3.5	9
20	Alteration of thyroid hormone signaling triggers the diabetes-induced pathological growth, remodeling, and dedifferentiation of podocytes. <i>JCI Insight</i> , 2019 , 4,	9.9	9

19	A preclinical overview of emerging therapeutic targets for glomerular diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 593-606	6.4	6
18	Simplified Method to Measure Glomerular Filtration Rate by Iohexol Plasma Clearance in Conscious Rats. <i>Nephron</i> , 2016 , 133, 62-70	3.3	6
17	Abnormalities in arachidonic acid metabolites in nephrotoxic glomerular injury. <i>Toxicology Letters</i> , 1989 , 46, 65-75	4.4	6
16	Fenofibrate attenuates cardiac and renal alterations in young salt-loaded spontaneously hypertensive stroke-prone rats through mitochondrial protection. <i>Journal of Hypertension</i> , 2018 , 36, 1129-1146	1.9	5
15	Oral zeranol shortens the prolonged bleeding time of uremic rats. <i>Kidney International</i> , 1990 , 38, 96-100	9.9	5
14	ADAMTS13 Deficiency Shortens the Life Span of Mice With Experimental Diabetes. <i>Diabetes</i> , 2018 , 67, 2069-2083	0.9	4
13	Genetics of rare diseases of the kidney: learning from mouse models. <i>Cytogenetic and Genome Research</i> , 2004 , 105, 479-84	1.9	4
12	Turnour necrosis factor stimulates endothelin-1 gene expression in cultured bovine endothelial cells. <i>Mediators of Inflammation</i> , 1992 , 1, 263-6	4.3	4
11	Interleukin-1 and glomerular mesangial cells. <i>Kidney and Blood Pressure Research</i> , 1993 , 16, 89-92	3.1	3
10	Interleukin-6 stimulates gene expression of extracellular matrix components in bovine mesangial cells in culture. <i>Mediators of Inflammation</i> , 1993 , 2, 429-33	4.3	3
9	Lack of synergism between dazoxiben and dipyridamole following administration to man. <i>Thrombosis Research</i> , 1985 , 37, 231-6	8.2	3
8	CER-001 ameliorates lipid profile and kidney disease in a mouse model of familial LCAT deficiency. <i>Metabolism: Clinical and Experimental</i> , 2021 , 116, 154464	12.7	3
7	A study of low-nutrient diets used for aging studies in the rat. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1996 , 51, B270-5	6.4	2
6	Characterization of a Rat Model of Myeloperoxidase-Anti-Neutrophil Cytoplasmic Antibody-Associated Crescentic Glomerulonephritis. <i>Nephron</i> , 2021 , 145, 428-444	3.3	2
5	Reduced fibrinolytic activity in glomeruli isolated from rabbits infused with tumor necrosis factor. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1993 , 23, 173-8		1
4	Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. <i>Scientific Reports</i> , 2021 , 11, 23580	4.9	1
3	Shiga Toxin 2 Triggers C3a-Dependent Glomerular and Tubular Injury through Mitochondrial Dysfunction in Hemolytic Uremic Syndrome. <i>Cells</i> , 2022 , 11, 1755	7.9	1
2	The effect of caloric restriction on a rat model of aging: biological, pathological, biochemical and behavioral characterization. <i>Aging Clinical and Experimental Research</i> , 1991 , 3, 388-90	4.8	

- 1 Protective Effects of Human Nonrenal and Renal Stromal Cells and Their Conditioned Media in a Rat Model of Chronic Kidney Disease. *Cell Transplantation*, **2020**, 29, 963689720965467 4