Daniela Corna

List of Publications by Year in Descending Order

76 papers	5,287 citations	41 h-index	72 g-index
78 ext. papers	5,751 ext. citations	8.1 avg, IF	4.64 L-index

#	Paper	IF	Citations
76	Shiga Toxin 2 Triggers C3a-Dependent Glomerular and Tubular Injury through Mitochondrial Dysfunction in Hemolytic Uremic Syndrome. *Cells*, **2022**, 11, 1755	7.9	1
75	Characterization of a Rat Model of Myeloperoxidase-Anti-Neutrophil Cytoplasmic Antibody-Associated Crescentic Glomerulonephritis. *Nephron*, **2021**, 145, 428-444	3.3	2
74	Human iPSC-derived neural crest stem cells can produce EPO and induce erythropoiesis in anemic mice. *Stem Cell Research*, **2021**, 55, 102476	1.6	1
73	Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. *Scientific Reports*, **2021**, 11, 23580	4.9	1
72	C3a receptor blockade protects podocytes from injury in diabetic nephropathy. *JCI Insight*, **2020**, 5,	9.9	17
71	Manipulating Sirtuin 3 pathway ameliorates renal damage in experimental diabetes. *Scientific Reports*, **2020**, 10, 8418	4.9	18
70	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	
69	Addition of cyclic angiotensin-(1-7) to angiotensin-converting enzyme inhibitor therapy has a positive add-on effect in experimental diabetic nephropathy. *Kidney International*, **2019**, 96, 906-917	9.9	23
68	Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by Gene Transfer. *Antioxidants and Redox Signaling*, **2019**, 31, 1255-1271	8.4	33
67	Alteration of thyroid hormone signaling triggers the diabetes-induced pathological growth, remodeling, and dedifferentiation of podocytes. *JCI Insight*, **2019**, 4,	9.9	9
66	ADAMTS13 Deficiency Shortens the Life Span of Mice With Experimental Diabetes. *Diabetes*, **2018**, 67, 2069-2083	0.9	4
65	Therapeutic potential of stromal cells of non-renal or renal origin in experimental chronic kidney disease. *Stem Cell Research and Therapy*, **2018**, 9, 220	8.3	19
64	SGLT2 inhibitor dapagliflozin limits podocyte damage in proteinuric nondiabetic nephropathy. *JCI Insight*, **2018**, 3,	9.9	57
63	Human mesenchymal stromal cells transplanted into mice stimulate renal tubular cells and enhance mitochondrial function. *Nature Communications*, **2017**, 8, 983	17.4	85
62	B7-1 Is Not Induced in Podocytes of Human and Experimental Diabetic Nephropathy. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 999-1005	12.7	21
61	Simplified Method to Measure Glomerular Filtration Rate by Iohexol Plasma Clearance in Conscious Rats. *Nephron*, **2016**, 133, 62-70	3.3	6
60	Therapy with a Selective Cannabinoid Receptor Type 2 Agonist Limits Albuminuria and Renal Injury in Mice with Type 2 Diabetic Nephropathy. *Nephron*, **2016**, 132, 59-69	3.3	30

59	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. *Journal of the American Society of Nephrology: JASN*, **2016**, 27, 1400-11	12.7	44
58	A previously unrecognized role of C3a in proteinuric progressive nephropathy. *Scientific Reports*, **2016**, 6, 28445	4.9	18
57	Renal primordia activate kidney regenerative events in a rat model of progressive renal disease. *PLoS ONE*, **2015**, 10, e0120235	3.7	14
56	Effects of MCP-1 inhibition by bindarit therapy in a rat model of polycystic kidney disease. *Nephron*, **2015**, 129, 52-61	3.3	35
55	arrestin-1 drives endothelin-1-mediated podocyte activation and sustains renal injury. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 523-33	12.7	54
54	Shiga toxin promotes podocyte injury in experimental hemolytic uremic syndrome via activation of the alternative pathway of complement. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 1786-98	12.7	39
53	Analogs of bardoxolone methyl worsen diabetic nephropathy in rats with additional adverse effects. *American Journal of Physiology - Renal Physiology*, **2013**, 304, F808-19	4.3	77
52	Renal expression of FGF23 in progressive renal disease of diabetes and the effect of ACE inhibitor. *PLoS ONE*, **2013**, 8, e70775	3.7	68
51	Mesenchymal stem cell therapy promotes renal repair by limiting glomerular podocyte and progenitor cell dysfunction in adriamycin-induced nephropathy. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F1370-81	4.3	71
50	In vivo maturation of functional renal organoids formed from embryonic cell suspensions. *Journal of the American Society of Nephrology: JASN*, **2012**, 23, 1857-68	12.7	125
49	Lack of the lectin-like domain of thrombomodulin worsens Shiga toxin-associated hemolytic uremic syndrome in mice. *Journal of Immunology*, **2012**, 189, 3661-8	5.3	29
48	Effect of ACE inhibition on glomerular permselectivity and tubular albumin concentration in the renal ablation model. *American Journal of Physiology - Renal Physiology*, **2011**, 300, F1291-300	4.3	12
47	Distinct cardiac and renal effects of ETA receptor antagonist and ACE inhibitor in experimental type 2 diabetes. *American Journal of Physiology - Renal Physiology*, **2011**, 301, F1114-23	4.3	51
46	Adding a statin to a combination of ACE inhibitor and ARB normalizes proteinuria in experimental diabetes, which translates into full renoprotection. *American Journal of Physiology - Renal Physiology*, **2010**, 299, F1203-11	4.3	45
45	V1/V2 Vasopressin receptor antagonism potentiates the renoprotection of renin-angiotensin system inhibition in rats with renal mass reduction. *Kidney International*, **2009**, 76, 960-7	9.9	46
44	Unlike each drug alone, lisinopril if combined with avosentan promotes regression of renal lesions in experimental diabetes. *American Journal of Physiology - Renal Physiology*, **2009**, 297, F1448-56	4.3	97
43	Proteasomal processing of albumin by renal dendritic cells generates antigenic peptides. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 123-30	12.7	74
42	Adenoviral-mediated gene transfer restores plasma ADAMTS13 antigen and activity in ADAMTS13 knockout mice. *Gene Therapy*, **2009**, 16, 1373-9	4	9

41	Disruption of the Ang II type 1 receptor promotes longevity in mice. *Journal of Clinical Investigation*, **2009**, 119, 524-30	15.9	374
40	Complement-mediated dysfunction of glomerular filtration barrier accelerates progressive renal injury. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 1158-67	12.7	54
39	Human bone marrow mesenchymal stem cells accelerate recovery of acute renal injury and prolong survival in mice. *Stem Cells*, **2008**, 26, 2075-82	5.8	326
38	Cyclin-dependent kinase inhibition limits glomerulonephritis and extends lifespan of mice with systemic lupus. *Arthritis and Rheumatism*, **2007**, 56, 1629-37		42
37	Effects of rosuvastatin on glomerular capillary size-selectivity function in rats with renal mass ablation. *American Journal of Nephrology*, **2007**, 27, 630-8	4.6	11
36	Insulin-like growth factor-1 sustains stem cell mediated renal repair. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 2921-8	12.7	264
35	Transcriptional regulation of nephrin gene by peroxisome proliferator-activated receptor-gamma agonist: molecular mechanism of the antiproteinuric effect of pioglitazone. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 1624-32	12.7	73
34	Beneficial effect of TGFbeta antagonism in treating diabetic nephropathy depends on when treatment is started. *Nephron Experimental Nephrology*, **2006**, 104, e158-68		36
33	Imatinib ameliorates renal disease and survival in murine lupus autoimmune disease. *Kidney International*, **2006**, 70, 97-103	9.9	66
32	Targeted deletion of angiotensin II type 1A receptor does not protect mice from progressive nephropathy of overload proteinuria. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 2666-74	12.7	28
31	Vasopeptidase inhibitor restores the balance of vasoactive hormones in progressive nephropathy. *Kidney International*, **2004**, 66, 1959-65	9.9	43
30	Mesenchymal stem cells are renotropic, helping to repair the kidney and improve function in acute renal failure. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 1794-804	12.7	615
29	Add-on anti-TGF-beta antibody to ACE inhibitor arrests progressive diabetic nephropathy in the rat. *Journal of the American Society of Nephrology: JASN*, **2003**, 14, 1816-24	12.7	160
28	Combining lisinopril and l-arginine slows disease progression and reduces endothelin-1 in passive Heymann nephritis. *Kidney International*, **2003**, 64, 857-63	9.9	11
27	Protein overload induces fractalkine upregulation in proximal tubular cells through nuclear factor kappaB- and p38 mitogen-activated protein kinase-dependent pathways. *Journal of the American Society of Nephrology: JASN*, **2003**, 14, 2436-46	12.7	105
26	Effect of combining ACE inhibitor and statin in severe experimental nephropathy. *Kidney International*, **2002**, 61, 1635-45	9.9	88
25	Proximal tubular cells promote fibrogenesis by TGF-beta1-mediated induction of peritubular myofibroblasts. *Kidney International*, **2002**, 61, 2066-77	9.9	97
24	How to fully protect the kidney in a severe model of progressive nephropathy: a multidrug approach. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 2898-908	12.7	131

23	Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. *Kidney International*, **2001**, 60, 653-63	9.9	45
22	Angiotensin-converting enzyme inhibition prevents glomerular-tubule disconnection and atrophy in passive Heymann nephritis, an effect not observed with a calcium antagonist. *American Journal of Pathology*, **2001**, 159, 1743-50	5.8	39
21	17beta-estradiol corrects hemostasis in uremic rats by limiting vascular expression of nitric oxide synthases. *American Journal of Physiology - Renal Physiology*, **2000**, 279, F626-35	4.3	22
20	Protein traffic activates NF-kB gene signaling and promotes MCP-1-dependent interstitial inflammation. *American Journal of Kidney Diseases*, **2000**, 36, 1226-41	7.4	134
19	Renoprotection by nitric oxide donor and lisinopril in the remnant kidney model. *American Journal of Kidney Diseases*, **1999**, 33, 746-53	7.4	40
18	Antiproteinuric therapy while preventing the abnormal protein traffic in proximal tubule abrogates protein- and complement-dependent interstitial inflammation in experimental renal disease. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 804-13	12.7	84
17	Combining an antiproteinuric approach with mycophenolate mofetil fully suppresses progressive nephropathy of experimental animals. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 1542-9	12.7	106
16	Renoprotective effect of contemporary blocking of angiotensin II and endothelin-1 in rats with membranous nephropathy. *Kidney International*, **1998**, 54, 353-9	9.9	63
15	Experimental Goodpasture\x syndrome in Wistar-Kyoto rats immunized with alpha3 chain of type IV collagen. *Kidney International*, **1998**, 54, 1550-61	9.9	39
14	Bindarit retards renal disease and prolongs survival in murine lupus autoimmune disease. *Kidney International*, **1998**, 53, 726-34	9.9	63
13	Pharmacologic control of angiotensin II ameliorates renal disease while reducing renal TGF-beta in experimental mesangioproliferative glomerulonephritis. *American Journal of Kidney Diseases*, **1998**, 31, 453-63	7.4	51
12	Angiotensin II blockade limits tubular protein overreabsorption and the consequent upregulation of endothelin 1 gene in experimental membranous nephropathy. *Nephron Experimental Nephrology*, **1998**, 6, 121-31		36
11	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. *American Journal of Kidney Diseases*, **1997**, 29, 254-64	7.4	67
10	Mycophenolate mofetil limits renal damage and prolongs life in murine lupus autoimmune disease. *Kidney International*, **1997**, 51, 1583-9	9.9	114
9	Renal and systemic nitric oxide synthesis in rats with renal mass reduction. *Kidney International*, **1997**, 52, 171-81	9.9	112
8	Blocking both type A and B endothelin receptors in the kidney attenuates renal injury and prolongs survival in rats with remnant kidney. *American Journal of Kidney Diseases*, **1996**, 27, 416-23	7.4	88
7	A study of low-nutrient diets used for aging studies in the rat. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **1996**, 51, B270-5	6.4	2
6	A specific endothelin subtype A receptor antagonist protects against injury in renal disease progression. *Kidney International*, **1993**, 44, 440-4	9.9	180

5	Renal endothelin gene expression is increased in remnant kidney and correlates with disease progression. *Kidney International*, **1993**, 43, 354-8	9.9	119
4	Renal protective effect of angiotensin-converting enzyme inhibition in aging rats. *American Journal of Medicine*, **1992**, 92, 60S-63S	2.4	22
3	Oral zeranol shortens the prolonged bleeding time of uremic rats. *Kidney International*, **1990**, 38, 96-100	9.9	5
2	Role of endothelium-derived nitric oxide in the bleeding tendency of uremia. *Journal of Clinical Investigation*, **1990**, 86, 1768-71	15.9	81
1	Sequence of glomerular changes in experimental endotoxemia: a possible model of hemolytic uremic syndrome. *Nephron*, **1989**, 53, 330-7	3.3	15