

Daniela Corna

List of Publications by Citations

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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	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	In vivo maturation of functional renal organoids formed from embryonic cell suspensions. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1857-68	12.7	125
67	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
66	Mycophenolate mofetil limits renal damage and prolongs life in murine lupus autoimmune disease. <i>Kidney International</i> , 1997 , 51, 1583-9	9.9	114
65	Renal and systemic nitric oxide synthesis in rats with renal mass reduction. <i>Kidney International</i> , 1997 , 52, 171-81	9.9	112
64	Combining an antiproteinuric approach with mycophenolate mofetil fully suppresses progressive nephropathy of experimental animals. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 1542-9	12.7	106
63	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
62	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
61	Proximal tubular cells promote fibrogenesis by TGF-beta1-mediated induction of peritubular myofibroblasts. <i>Kidney International</i> , 2002 , 61, 2066-77	9.9	97
60	Effect of combining ACE inhibitor and statin in severe experimental nephropathy. <i>Kidney International</i> , 2002 , 61, 1635-45	9.9	88

59	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
58	Human mesenchymal stromal cells transplanted into mice stimulate renal tubular cells and enhance mitochondrial function. <i>Nature Communications</i> , 2017 , 8, 983	17.4	85
57	Antiproteinuric therapy while preventing the abnormal protein traffic in proximal tubule abrogates protein- and complement-dependent interstitial inflammation in experimental renal disease. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 804-13	12.7	84
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	Imatinib ameliorates renal disease and survival in murine lupus autoimmune disease. <i>Kidney International</i> , 2006 , 70, 97-103	9.9	66
48	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
47	Bindarit retards renal disease and prolongs survival in murine lupus autoimmune disease. <i>Kidney International</i> , 1998 , 53, 726-34	9.9	63
46	SGLT2 inhibitor dapagliflozin limits podocyte damage in proteinuric nondiabetic nephropathy. <i>JCI Insight</i> , 2018 , 3,	9.9	57
45	Arrestin-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
44	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
43	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
42	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

41	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
40	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
39	Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. <i>Kidney International</i> , 2001 , 60, 653-63	9.9	45
38	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1400-11	12.7	44
37	Vasopeptidase inhibitor restores the balance of vasoactive hormones in progressive nephropathy. <i>Kidney International</i> , 2004 , 66, 1959-65	9.9	43
36	Cyclin-dependent kinase inhibition limits glomerulonephritis and extends lifespan of mice with systemic lupus. <i>Arthritis and Rheumatism</i> , 2007 , 56, 1629-37		42
35	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
34	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
33	Experimental Goodpasture syndrome in Wistar-Kyoto rats immunized with alpha3 chain of type IV collagen. <i>Kidney International</i> , 1998 , 54, 1550-61	9.9	39
32	Angiotensin-converting enzyme inhibition prevents glomerular-tubule disconnection and atrophy in passive Heymann nephritis, an effect not observed with a calcium antagonist. <i>American Journal of Pathology</i> , 2001 , 159, 1743-50	5.8	39
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	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

23	17beta-estradiol corrects hemostasis in uremic rats by limiting vascular expression of nitric oxide synthases. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, F626-35	4.3	22
22	Renal protective effect of angiotensin-converting enzyme inhibition in aging rats. <i>American Journal of Medicine</i> , 1992 , 92, 60S-63S	2.4	22
21	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
20	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
19	Manipulating Sirtuin 3 pathway ameliorates renal damage in experimental diabetes. <i>Scientific Reports</i> , 2020 , 10, 8418	4.9	18
18	A previously unrecognized role of C3a in proteinuric progressive nephropathy. <i>Scientific Reports</i> , 2016 , 6, 28445	4.9	18
17	C3a receptor blockade protects podocytes from injury in diabetic nephropathy. <i>JCI Insight</i> , 2020 , 5,	9.9	17
16	Sequence of glomerular changes in experimental endotoxemia: a possible model of hemolytic uremic syndrome. <i>Nephron</i> , 1989 , 53, 330-7	3.3	15
15	Renal primordia activate kidney regenerative events in a rat model of progressive renal disease. <i>PLoS ONE</i> , 2015 , 10, e0120235	3.7	14
14	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
13	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
12	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
11	Adenoviral-mediated gene transfer restores plasma ADAMTS13 antigen and activity in ADAMTS13 knockout mice. <i>Gene Therapy</i> , 2009 , 16, 1373-9	4	9
10	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
9	Simplified Method to Measure Glomerular Filtration Rate by Iohexol Plasma Clearance in Conscious Rats. <i>Nephron</i> , 2016 , 133, 62-70	3.3	6
8	Oral zeranol shortens the prolonged bleeding time of uremic rats. <i>Kidney International</i> , 1990 , 38, 96-100	9.9	5
7	ADAMTS13 Deficiency Shortens the Life Span of Mice With Experimental Diabetes. <i>Diabetes</i> , 2018 , 67, 2069-2083	0.9	4
6	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

5	Characterization of a Rat Model of Myeloperoxidase-Anti-Neutrophil Cytoplasmic Antibody-Associated Crescentic Glomerulonephritis. <i>Nephron</i> , 2021 , 145, 428-444	3.3	2
4	Human iPSC-derived neural crest stem cells can produce EPO and induce erythropoiesis in anemic mice. <i>Stem Cell Research</i> , 2021 , 55, 102476	1.6	1
3	Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. <i>Scientific Reports</i> , 2021 , 11, 23580	4.9	1
2	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
1	Protective Effects of Human Nonrenal and Renal Stromal Cells and Their Conditioned Media in a Rat Model of Chronic Kidney Disease. <i>Cell Transplantation</i> , 2020 , 29, 963689720965467	4	