# Daniela Corna

List of Publications by Year
in descending order



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|---|---|---|---|
| 78 papers | 6,333 citations | 57758<br>44 h-index | 69250<br>77 g-index |
| 78 all docs | 78 docs citations | 78 times ranked | 6135 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Empagliflozin protects glomerular endothelial cell architecture in experimental diabetes through the <scp>VEGFâ€A</scp>/caveolinâ€1/<scp>PV</scp>â€1 signaling pathway. Journal of Pathology, 2022, 256, 468-479. | 4.5 | 21 |
| 2 | Therapeutic Small Interfering RNA Targeting Complement C3 in a Mouse Model of C3 Glomerulopathy. Journal of Immunology, 2022, 208, 1772-1781. | 0.8 | 2 |
| 3 | Shiga Toxin 2 Triggers C3a-Dependent Glomerular and Tubular Injury through Mitochondrial Dysfunction in Hemolytic Uremic Syndrome. Cells, 2022, 11, 1755. | 4.1 | 3 |
| 4 | Characterization of a Rat Model of Myeloperoxidase-Anti-Neutrophil Cytoplasmic Antibody-Associated Crescentic Glomerulonephritis. Nephron, 2021, 145, 428-444. | 1.8 | 5 |
| 5 | Human iPSC-derived neural crest stem cells can produce EPO and induce erythropoiesis in anemic mice. Stem Cell Research, 2021, 55, 102476. | 0.7 | 4 |
| 6 | Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. Scientific Reports, 2021, 11, 23580. | 3.3 | 10 |
| 7 | 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, 096368972096546. | 2.5 | 1 |
| 8 | Manipulating Sirtuin 3 pathway ameliorates renal damage in experimental diabetes. Scientific Reports, 2020, 10, 8418. | 3.3 | 51 |
| 9 | C3a receptor blockade protects podocytes from injury in diabetic nephropathy. JCI Insight, 2020, 5, . | 5.0 | 46 |
| 10 | <i>Sirt3</i> Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by <i>Opa1</i> Gene Transfer. Antioxidants and Redox Signaling, 2019, 31, 1255-1271. | 5.4 | 70 |
| 11 | Addition of cyclic angiotensin-(1-7) to angiotensin-converting enzyme inhibitor therapy has a positiveÂadd-on effect in experimental diabeticÂnephropathy. Kidney International, 2019, 96, 906-917. | 5.2 | 31 |
| 12 | Alteration of thyroid hormone signaling triggers the diabetes-induced pathological growth, remodeling, and dedifferentiation of podocytes. JCI Insight, 2019, 4, . | 5.0 | 21 |
| 13 | SGLT2 inhibitor dapagliflozin limits podocyte damage in proteinuric nondiabetic nephropathy. JCI Insight, 2018, 3, . | 5.0 | 114 |
| 14 | ADAMTS13 Deficiency Shortens the Life Span of Mice With Experimental Diabetes. Diabetes, 2018, 67, 2069-2083. | 0.6 | 8 |
| 15 | Therapeutic potential of stromal cells of non-renal or renal origin in experimental chronic kidney disease. Stem Cell Research and Therapy, 2018, 9, 220. | 5.5 | 26 |
| 16 | Human mesenchymal stromal cells transplanted into mice stimulate renal tubular cells and enhance mitochondrial function. Nature Communications, 2017, 8, 983. | 12.8 | 124 |
| 17 | A previously unrecognized role of C3a in proteinuric progressive nephropathy. Scientific Reports, 2016, 6, 28445. | 3.3 | 22 |
| 18 | Simplified Method to Measure Glomerular Filtration Rate by Iohexol Plasma Clearance in Conscious Rats. Nephron, 2016, 133, 62-70. | 1.8 | 9 |

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|---|---|---|---|
| 19 | 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. | 1.8 | 36 |
| 20 | Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. Journal of the American Society of Nephrology: JASN, 2016, 27, 1400-1411. | 6.1 | 51 |
| 21 | B7â€“1 Is Not Induced in Podocytes of Human and Experimental Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 999-1005. | 6.1 | 30 |
| 22 | Renal Primordia Activate Kidney Regenerative Events in a Rat Model of Progressive Renal Disease. PLoS ONE, 2015, 10, e0120235. | 2.5 | 17 |
| 23 | Effects of MCP-1 Inhibition by Bindarit Therapy in a Rat Model of Polycystic Kidney Disease. Nephron, 2015, 129, 52-61. | 1.8 | 43 |
| 24 | 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, 1786-1798. | 6.1 | 52 |
| 25 | Î²-Arrestin-1 Drives Endothelin-1â€“Mediated Podocyte Activation and Sustains Renal Injury. Journal of the American Society of Nephrology: JASN, 2014, 25, 523-533. | 6.1 | 63 |
| 26 | Analogs of bardoxolone methyl worsen diabetic nephropathy in rats with additional adverse effects. American Journal of Physiology - Renal Physiology, 2013, 304, F808-F819. | 2.7 | 90 |
| 27 | Renal Expression of FGF23 in Progressive Renal Disease of Diabetes and the Effect of Ace Inhibitor. PLoS ONE, 2013, 8, e70775. | 2.5 | 75 |
| 28 | In Vivo Maturation of Functional Renal Organoids Formed from Embryonic Cell Suspensions. Journal of the American Society of Nephrology: JASN, 2012, 23, 1857-1868. | 6.1 | 156 |
| 29 | Lack of the Lectin-like Domain of Thrombomodulin Worsens Shiga Toxin-Associated Hemolytic Uremic Syndrome in Mice. Journal of Immunology, 2012, 189, 3661-3668. | 0.8 | 35 |
| 30 | 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-F1381. | 2.7 | 88 |
| 31 | 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-F1300. | 2.7 | 13 |
| 32 | Distinct cardiac and renal effects of ET<sub>A</sub>receptor antagonist and ACE inhibitor in experimental type 2 diabetes. American Journal of Physiology - Renal Physiology, 2011, 301, F1114-F1123. | 2.7 | 56 |
| 33 | 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-F1211. | 2.7 | 49 |
| 34 | V1/V2 Vasopressin receptor antagonism potentiates the renoprotection of reninâ€“angiotensin system inhibition in rats with renal mass reduction. Kidney International, 2009, 76, 960-967. | 5.2 | 56 |
| 35 | 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-F1456. | 2.7 | 114 |
| 36 | Proteasomal Processing of Albumin by Renal Dendritic Cells Generates Antigenic Peptides. Journal of the American Society of Nephrology: JASN, 2009, 20, 123-130. | 6.1 | 88 |

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|---|---|---|---|
| 37 | Adenoviral-mediated gene transfer restores plasma ADAMTS13 antigen and activity in ADAMTS13 knockout mice. Gene Therapy, 2009, 16, 1373-1379. | 4.5 | 13 |
| 38 | Disruption of the Ang II type 1 receptor promotes longevity in mice. Journal of Clinical Investigation, 2009, 119, 524-530. | 8.2 | 434 |
| 39 | Human Bone Marrow Mesenchymal Stem Cells Accelerate Recovery of Acute Renal Injury and Prolong Survival in Mice. Stem Cells, 2008, 26, 2075-2082. | 3.2 | 351 |
| 40 | Complement-Mediated Dysfunction of Glomerular Filtration Barrier Accelerates Progressive Renal Injury. Journal of the American Society of Nephrology: JASN, 2008, 19, 1158-1167. | 6.1 | 63 |
| 41 | Effects of Rosuvastatin on Glomerular Capillary Size-Selectivity Function in Rats with Renal Mass Ablation. American Journal of Nephrology, 2007, 27, 630-638. | 3.1 | 12 |
| 42 | Insulin-Like Growth Factor-1 Sustains Stem Cellâ€“Mediated Renal Repair. Journal of the American Society of Nephrology: JASN, 2007, 18, 2921-2928. | 6.1 | 294 |
| 43 | Cyclin-dependent kinase inhibition limits glomerulonephritis and extends lifespan of mice with systemic lupus. Arthritis and Rheumatism, 2007, 56, 1629-1637. | 6.7 | 46 |
| 44 | Imatinib ameliorates renal disease and survival in murine lupus autoimmune disease. Kidney International, 2006, 70, 97-103. | 5.2 | 71 |
| 45 | Transcriptional Regulation of Nephrin Gene by Peroxisome Proliferatorâ€“Activated Receptor-Î³ Agonist: Molecular Mechanism of the Antiproteinuric Effect of Pioglitazone. Journal of the American Society of Nephrology: JASN, 2006, 17, 1624-1632. | 6.1 | 76 |
| 46 | Beneficial Effect of TGFÎ² Antagonism in Treating Diabetic Nephropathy Depends on When Treatment Is Started. Nephron Experimental Nephrology, 2006, 104, e158-e168. | 2.2 | 43 |
| 47 | 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, 2666-2674. | 6.1 | 31 |
| 48 | Vasopeptidase inhibitor restores the balance of vasoactive hormones in progressive nephropathy. Kidney International, 2004, 66, 1959-1965. | 5.2 | 52 |
| 49 | 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, 1794-1804. | 6.1 | 690 |
| 50 | Combining lisinopril and L-arginine slows disease progression and reduces endothelin-1 in passive Heymann nephritis. Kidney International, 2003, 64, 857-863. | 5.2 | 13 |
| 51 | Protein Overload Induces Fractalkine Upregulation in Proximal Tubular Cells through Nuclear Factor ÎºBâ€“ and p38 Mitogen-Activated Protein Kinaseâ€“Dependent Pathways. Journal of the American Society of Nephrology: JASN, 2003, 14, 2436-2446. | 6.1 | 118 |
| 52 | Add-On Antiâ€“TGF-Î² Antibody to ACE Inhibitor Arrests Progressive Diabetic Nephropathy in the Rat. Journal of the American Society of Nephrology: JASN, 2003, 14, 1816-1824. | 6.1 | 177 |
| 53 | How To Fully Protect the Kidney in a Severe Model of Progressive Nephropathy. Journal of the American Society of Nephrology: JASN, 2002, 13, 2898-2908. | 6.1 | 156 |
| 54 | Effect of combining ACE inhibitor and statin in severe experimental nephropathy. Kidney International, 2002, 61, 1635-1645. | 5.2 | 103 |

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|---|---|---|---|
| 55 | Proximal tubular cells promote fibrogenesis by TGF-Î²1â€"mediated induction of peritubular myofibroblasts. Kidney International, 2002, 61, 2066-2077. | 5.2 | 109 |
| 56 | Angiotensin-Converting Enzyme nhibition Prevents Glomerular-Tubule Disconnection and Atrophy in Passive Heymann Nephritis, an Effect Not Observed with a Calcium Antagonist. American Journal of Pathology, 2001, 159, 1743-1750. | 3.8 | 45 |
| 57 | Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. Kidney International, 2001, 60, 653-663. | 5.2 | 49 |
| 58 | 17Î²-Estradiol corrects hemostasis in uremic rats by limiting vascular expression of nitric oxide synthases. American Journal of Physiology - Renal Physiology, 2000, 279, F626-F635. | 2.7 | 25 |
| 59 | Protein traffic activates NF-kB gene signaling and promotes MCP-1â€"dependent interstitial inflammation. American Journal of Kidney Diseases, 2000, 36, 1226-1241. | 1.9 | 145 |
| 60 | Renoprotection by nitric oxide donor and lisinopril in the remnant kidney model. American Journal of Kidney Diseases, 1999, 33, 746-753. | 1.9 | 42 |
| 61 | 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, 804-813. | 6.1 | 99 |
| 62 | Combining an Antiproteinuric Approach with Mycophenolate Mofetil Fully Suppresses Progressive Nephropathy of Experimental Animals. Journal of the American Society of Nephrology: JASN, 1999, 10, 1542-1549. | 6.1 | 126 |
| 63 | Renoprotective effect of contemporary blocking of angiotensin II and endothelin-1 in rats with membranous nephropathy1. Kidney International, 1998, 54, 353-359. | 5.2 | 77 |
| 64 | Experimental Goodpasture's syndrome in Wistar-Kyoto rats immunized with Î±3 chain of type IV collagen. Kidney International, 1998, 54, 1550-1561. | 5.2 | 43 |
| 65 | Bindarit retards renal disease and prolongs survival in murine lupus autoimmune disease. Kidney International, 1998, 53, 726-734. | 5.2 | 71 |
| 66 | Pharmacologic control of angiotensin II ameliorates renal disease while reducing renal TGF-beta in experimental mesangioproliferative glomerulonephritis. American Journal of Kidney Diseases, 1998, 31, 453-463. | 1.9 | 55 |
| 67 | Angiotensin II Blockade Limits Tubular Protein Overreabsorption and the Consequent Upregulation of Endothelin 1 Gene in Experimental Membranous Nephropathy. Nephron Experimental Nephrology, 1998, 6, 121-131. | 2.2 | 44 |
| 68 | 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, 254-264. | 1.9 | 74 |
| 69 | Mycophenolate mofetil limits renal damage and prolongs life in murine lupus autoimmune disease. Kidney International, 1997, 51, 1583-1589. | 5.2 | 134 |
| 70 | Renal and systemic nitric oxide synthesis in rats with renal mass reduction. Kidney International, 1997, 52, 171-181. | 5.2 | 138 |
| 71 | 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, 416-423. | 1.9 | 99 |
| 72 | A Study of Low-Nutrient Diets Used for Aging Studies in the Rat. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 1996, 51A, B270-B275. | 3.6 | 2 |

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|---|---|---|---|
| 73 | A specific endothelin subtype A receptor antagonist protects against injury in renal disease progression. Kidney International, 1993, 44, 440-444. | 5.2 | 215 |
| 74 | Renal endothelin gene expression is increased in remnant kidney and correlates with disease progression. Kidney International, 1993, 43, 354-358. | 5.2 | 153 |
| 75 | Renal protective effect of angiotensin-converting enzyme inhibition in aging rats. American Journal of Medicine, 1992, 92, S60-S63. | 1.5 | 31 |
| 76 | Oral zeranol shortens the prolonged bleeding time of uremic rats. Kidney International, 1990, 38, 96-100. | 5.2 | 5 |
| 77 | Role of endothelium-derived nitric oxide in the bleeding tendency of uremia.. Journal of Clinical Investigation, 1990, 86, 1768-1771. | 8.2 | 110 |
| 78 | Sequence of Glomerular Changes in Experimental Endotoxemia: A Possible Model of Hemolytic Uremic Syndrome. Nephron, 1989, 53, 330-337. | 1.8 | 19 |