

# Daniela Rottoli

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

4,512  
citations

147801

31  
h-index

276875

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

5446  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Empagliflozin protects glomerular endothelial cell architecture in experimental diabetes through the VEGF/caveolin-1/PV-1 signaling pathway. <i>Journal of Pathology</i> , 2022, 256, 468-479.                            | 4.5  | 21        |
| 2  | Therapeutic Small Interfering RNA Targeting Complement C3 in a Mouse Model of C3 Glomerulopathy. <i>Journal of Immunology</i> , 2022, 208, 1772-1781.   | 0.8  | 2         |
| 3  | Characterization of a Rat Model of Myeloperoxidase-Anti-Neutrophil Cytoplasmic Antibody-Associated Crescentic Glomerulonephritis. <i>Nephron</i> , 2021, 145, 428-444.  | 1.8  | 5         |
| 4  | COVID-19 Attacks the Kidney: Ultrastructural Evidence for the Presence of Virus in the Glomerular Epithelium. <i>Nephron</i> , 2020, 144, 341-342.  | 1.8  | 24        |
| 5  | Histological Examination of the Diabetic Kidney. <i>Methods in Molecular Biology</i> , 2020, 2067, 63-87.   | 0.9  | 4         |
| 6  | 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.               | 5.2  | 31        |
| 7  | 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.            | 0.5  | 14        |
| 8  | 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.   | 5.5  | 26        |
| 9  | MicroRNA-184 is a downstream effector of albuminuria driving renal fibrosis in rats with diabetic nephropathy. <i>Diabetologia</i> , 2017, 60, 1114-1125.   | 6.3  | 54        |
| 10 | Human mesenchymal stromal cells transplanted into mice stimulate renal tubular cells and enhance mitochondrial function. <i>Nature Communications</i> , 2017, 8, 983.   | 12.8 | 124       |
| 11 | The Role of Angiotensin II in Parietal Epithelial Cell Proliferation and Crescent Formation in Glomerular Diseases. <i>American Journal of Pathology</i> , 2017, 187, 2441-2450.  | 3.8  | 20        |
| 12 | 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.   | 1.8  | 36        |
| 13 | Sirtuin 3-dependent mitochondrial dynamic improvements protect against acute kidney injury. <i>Journal of Clinical Investigation</i> , 2015, 125, 715-726.  | 8.2  | 335       |
| 14 | Effects of MCP-1 Inhibition by Bindarit Therapy in a Rat Model of Polycystic Kidney Disease. <i>Nephron</i> , 2015, 129, 52-61.   | 1.8  | 43        |
| 15 | Mitochondrial-dependent Autoimmunity in Membranous Nephropathy of IgG4-related Disease. <i>EBioMedicine</i> , 2015, 2, 456-466.   | 6.1  | 24        |
| 16 | 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, 1786-1798. | 6.1  | 52        |
| 17 | Renal Expression of FGF23 in Progressive Renal Disease of Diabetes and the Effect of Ace Inhibitor. <i>PLoS ONE</i> , 2013, 8, e70775.  | 2.5  | 75        |
| 18 | Alternative Pathway Activation of Complement by Shiga Toxin Promotes Exuberant C3a Formation That Triggers Microvascular Thrombosis. <i>Journal of Immunology</i> , 2011, 187, 172-180.                                   | 0.8  | 220       |

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|----|--|-----|-----------|
| 19 | Distinct cardiac and renal effects of ET <sub>A</sub> receptor antagonist and ACE inhibitor in experimental type 2 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F1114-F1123.  | 2.7 | 56        |
| 20 | 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, 960-967.  | 5.2 | 56        |
| 21 | 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-F1456.  | 2.7 | 114       |
| 22 | Disruption of the Ang II type 1 receptor promotes longevity in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 524-530.  | 8.2 | 434       |
| 23 | Human Bone Marrow Mesenchymal Stem Cells Accelerate Recovery of Acute Renal Injury and Prolong Survival in Mice. <i>Stem Cells</i> , 2008, 26, 2075-2082.  | 3.2 | 351       |
| 24 | Complement-Mediated Dysfunction of Glomerular Filtration Barrier Accelerates Progressive Renal Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1158-1167.   | 6.1 | 63        |
| 25 | Fractalkine and CX3CR1 Mediate Leukocyte Capture by Endothelium in Response to Shiga Toxin. <i>Journal of Immunology</i> , 2008, 181, 1460-1469.   | 0.8 | 37        |
| 26 | Insulin-Like Growth Factor-1 Sustains Stem Cell-Mediated Renal Repair. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2921-2928.   | 6.1 | 294       |
| 27 | Rosuvastatin Treatment Prevents Progressive Kidney Inflammation and Fibrosis in Stroke-Prone Rats. <i>American Journal of Pathology</i> , 2007, 170, 1165-1177.  | 3.8 | 70        |
| 28 | Cyclin-dependent kinase inhibition limits glomerulonephritis and extends lifespan of mice with systemic lupus. <i>Arthritis and Rheumatism</i> , 2007, 56, 1629-1637.  | 6.7 | 46        |
| 29 | Imatinib ameliorates renal disease and survival in murine lupus autoimmune disease. <i>Kidney International</i> , 2006, 70, 97-103.  | 5.2 | 71        |
| 30 | Transcriptional Regulation of Nephron 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, 1624-1632. | 6.1 | 76        |
| 31 | Beneficial Effect of TGF- $\beta$ Antagonism in Treating Diabetic Nephropathy Depends on When Treatment Is Started. <i>Nephron Experimental Nephrology</i> , 2006, 104, e158-e168.   | 2.2 | 43        |
| 32 | Vasopeptidase inhibitor restores the balance of vasoactive hormones in progressive nephropathy. <i>Kidney International</i> , 2004, 66, 1959-1965.   | 5.2 | 52        |
| 33 | 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, 1794-1804.   | 6.1 | 690       |
| 34 | Protein Overload Induces Fractalkine Upregulation in Proximal Tubular Cells through Nuclear Factor- $\kappa$ B and p38 Mitogen-Activated Protein Kinase-Dependent Pathways. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2436-2446.    | 6.1 | 118       |
| 35 | 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, 1816-1824.  | 6.1 | 177       |
| 36 | How To Fully Protect the Kidney in a Severe Model of Progressive Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2898-2908.  | 6.1 | 156       |

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|----|---|-----|-----------|
| 37 | Transforming Growth Factor- $\beta$ 1 Is Up-Regulated by Podocytes in Response to Excess Intraglomerular Passage of Proteins. <i>American Journal of Pathology</i> , 2002, 161, 2179-2193.  | 3.8 | 138       |
| 38 | Effect of combining ACE inhibitor and statin in severe experimental nephropathy. <i>Kidney International</i> , 2002, 61, 1635-1645.   | 5.2 | 103       |
| 39 | Proximal tubular cells promote fibrogenesis by TGF- $\beta$ 1-mediated induction of peritubular myofibroblasts. <i>Kidney International</i> , 2002, 61, 2066-2077.  | 5.2 | 109       |
| 40 | Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. <i>Kidney International</i> , 2001, 60, 653-663.   | 5.2 | 49        |
| 41 | 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, 804-813. | 6.1 | 99        |