

# Susanna Tomasoni

## List of Publications by Year in descending order

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54  
papers

3,845  
citations

147726

31  
h-index

197736

49  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging the Kidney with an Unconventional Scanning Electron Microscopy Technique: Analysis of the Subpodocyte Space in Diabetic Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1699.	1.8	3
2	Unravelling the Role of PAX2 Mutation in Human Focal Segmental Glomerulosclerosis. <i>Biomedicines</i> , 2021, 9, 1808.	1.4	2
3	Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. <i>Scientific Reports</i> , 2021, 11, 23580.	1.6	10
4	Generation of two isogenic knockout PKD2 iPS cell lines, IRFMNi003-A-1 and IRFMNi003-A-2, using CRISPR/Cas9 technology. <i>Stem Cell Research</i> , 2020, 42, 101667.	0.3	3
5	COVID-19 and lombardy: TESTing the impact of the first wave of the pandemic. <i>EBioMedicine</i> , 2020, 61, 103069.	2.7	38
6	Generation of PKD1 mono-allelic and bi-allelic knockout iPS cell lines using CRISPR-Cas9 system. <i>Stem Cell Research</i> , 2020, 47, 101881.	0.3	1
7	Role of ultrastructural determinants of glomerular permeability in ultrafiltration function loss. <i>JCI Insight</i> , 2020, 5, .	2.3	10
8	<i>Sirt3</i> Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by <i>Opa1</i> Gene Transfer. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1255-1271.	2.5	70
9	Engineering the vasculature of decellularized rat kidney scaffolds using human induced pluripotent stem cell-derived endothelial cells. <i>Scientific Reports</i> , 2019, 9, 8001.	1.6	43
10	CRISPR-Cas9-Mediated Correction of the G189R-PAX2 Mutation in Induced Pluripotent Stem Cells from a Patient with Focal Segmental Glomerulosclerosis. <i>CRISPR Journal</i> , 2019, 2, 108-120.	1.4	4
11	Generation of two isogenic iPS cell lines (IRFMNi002-A and IRFMNi002-B) from a patient affected by Focal Segmental Glomerulosclerosis carrying a heterozygous c.565G>A mutation in PAX2 gene. <i>Stem Cell Research</i> , 2018, 33, 175-179.	0.3	0
12	Engineered Kidney Tubules for Modeling Patient-Specific Diseases and Drug Discovery. <i>EBioMedicine</i> , 2018, 33, 253-268.	2.7	27
13	MicroRNA-184 is a downstream effector of albuminuria driving renal fibrosis in rats with diabetic nephropathy. <i>Diabetologia</i> , 2017, 60, 1114-1125.	2.9	54
14	AAV9-mediated engineering of autotransplanted kidney of non-human primates. <i>Gene Therapy</i> , 2017, 24, 308-313.	2.3	0
15	Extracellular vesicles derived from T regulatory cells suppress T cell proliferation and prolong allograft survival. <i>Scientific Reports</i> , 2017, 7, 11518.	1.6	89
16	Generation of functional podocytes from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2016, 17, 130-139.	0.3	65
17	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1400-1411.	3.0	51
18	Regression of Renal Disease by Angiotensin II Antagonism Is Caused by Regeneration of Kidney Vasculature. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 699-705.	3.0	36

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19	Direct Reprogramming of Human Bone Marrow Stromal Cells into Functional Renal Cells Using Cell-free Extracts. <i>Stem Cell Reports</i> , 2015, 4, 685-698.	2.3	27
20	Renal progenitors derived from human iPSCs engraft and restore function in a mouse model of acute kidney injury. <i>Scientific Reports</i> , 2015, 5, 8826.	1.6	88
21	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.	3.0	52
22	Angiotensin II Contributes to Diabetic Renal Dysfunction in Rodents and Humans via Notch1/Snail Pathway. <i>American Journal of Pathology</i> , 2013, 183, 119-130.	1.9	39
23	Transfer of Growth Factor Receptor mRNA Via Exosomes Unravels the Regenerative Effect of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 772-780.	1.1	300
24	Post-Transcriptional Gene Regulation Makes Things Clearer in Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1026-1028.	3.0	8
25	Renal Expression of FGF23 in Progressive Renal Disease of Diabetes and the Effect of Ace Inhibitor. <i>PLoS ONE</i> , 2013, 8, e70775.	1.1	75
26	MicroRNA-324-3p Promotes Renal Fibrosis and Is a Target of ACE Inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1496-1505.	3.0	84
27	<i>MYO1E</i> Mutations and Childhood Familial Focal Segmental Glomerulosclerosis. <i>New England Journal of Medicine</i> , 2011, 365, 295-306.	13.9	221
28	The Toll-IL-1R Member Tir8/SIGIRR Negatively Regulates Adaptive Immunity against Kidney Grafts. <i>Journal of Immunology</i> , 2009, 183, 4249-4260.	0.4	46
29	Adenoviral-mediated gene transfer restores plasma ADAMTS13 antigen and activity in ADAMTS13 knockout mice. <i>Gene Therapy</i> , 2009, 16, 1373-1379.	2.3	13
30	Allograft Rejection: Acute and Chronic Studies. , 2008, 159, 122-134.		7
31	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.	3.0	63
32	Therapeutic Options for Preventing Transplant-Related Progressive Renal and Vascular Injury. , 2008, , 128-136.		0
33	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.	3.0	294
34	DnIKK2-Transfected Dendritic Cells Induce a Novel Population of Inducible Nitric Oxide Synthase-Expressing CD4+CD25+ Cells with Tolerogenic Properties. <i>Transplantation</i> , 2007, 83, 474-484.	0.5	21
35	Adeno-Associated Virus-Mediated CTLA4lg Gene Transfer Protects MHC-Mismatched Renal Allografts from Chronic Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1665-1672.	3.0	31
36	Transcriptional Regulation of Nephron Gene by Peroxisome Proliferator-Activated Receptor-3 Agonist: Molecular Mechanism of the Antiproteinuric Effect of Pioglitazone. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1624-1632.	3.0	76

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37	Dendritic Cells Genetically Engineered with Adenoviral Vector Encoding dnIKK2 Induce the Formation of Potent CD4+ T-Regulatory Cells. <i>Transplantation</i> , 2005, 79, 1056-1061.	0.5	32
38	Gene Therapy: How to Target the Kidney. Promises and Pitfalls. <i>Current Gene Therapy</i> , 2004, 4, 115-122.	0.9	14
39	Favorable Effect of Cotransfection with TGF- $\beta$ 2 and CTLA4Ig of the Donor Kidney on Allograft Survival. <i>American Journal of Nephrology</i> , 2004, 24, 275-283.	1.4	12
40	The Goal of Intragraft Gene Therapy. , 2004, 146, 143-150.		2
41	Selective impairment of gene expression and assembly of nephrin in human diabetic nephropathy. <i>Kidney International</i> , 2004, 65, 2193-2200.	2.6	112
42	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.	3.0	690
43	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.	3.0	118
44	Targeted Downregulation of Extracellular Nephrin in Human IgA Nephropathy. <i>American Journal of Nephrology</i> , 2003, 23, 277-286.	1.4	41
45	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.	1.9	138
46	Effect of combining ACE inhibitor and statin in severe experimental nephropathy. <i>Kidney International</i> , 2002, 61, 1635-1645.	2.6	103
47	Proximal tubular cells promote fibrogenesis by TGF- $\beta$ 1-mediated induction of peritubular myofibroblasts. <i>Kidney International</i> , 2002, 61, 2066-2077.	2.6	109
48	Shiga toxin-2 triggers endothelial leukocyte adhesion and transmigration via NF- $\kappa$ B dependent up-regulation of IL-8 and MCP-11. <i>Kidney International</i> , 2002, 62, 846-856.	2.6	105
49	Impediments to successful gene transfer to the kidney in the context of transplantation and how to overcome them. <i>Kidney International</i> , 2002, 61, S115-S119.	2.6	10
50	Blocking Angiotensin II Synthesis/Activity Preserves Glomerular Nephrin in Rats with Severe Nephrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 941-948.	3.0	122
51	Thymic Dendritic Cells Express Inducible Nitric Oxide Synthase and Generate Nitric Oxide in Response to Self- and Alloantigens. <i>Journal of Immunology</i> , 2000, 164, 4649-4658.	0.4	63
52	Nonviral and Viral Gene Transfer to the Kidney in the Context of Transplantation. <i>Nephron</i> , 2000, 85, 307-316.	0.9	14
53	Protein traffic activates NF- $\kappa$ B gene signaling and promotes MCP-1-dependent interstitial inflammation. <i>American Journal of Kidney Diseases</i> , 2000, 36, 1226-1241.	2.1	145
54	CTLA4Ig Gene Transfer Prolongs Survival and Induces Donor-Specific Tolerance in a Rat Renal Allograft. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 747-752.	3.0	64