Kyung Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7064082/publications.pdf

Version: 2024-02-01

67	2,681	172457	206112
papers	citations	29 h-index	48 g-index

72	72	72	3276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glomerular endothelial cell injury and cross talk in diabetic kidney disease. American Journal of Physiology - Renal Physiology, 2015, 308, F287-F297.	2.7	200
2	Novel Recognition Motif on Fibroblast Growth Factor Receptor Mediates Direct Association and Activation of SNT Adapter Proteins. Journal of Biological Chemistry, 1998, 273, 17987-17990.	3.4	158
3	Increased podocyte Sirtuin-1 function attenuates diabetic kidney injury. Kidney International, 2018, 93, 1330-1343.	5.2	153
4	Single-Cell RNA Profiling of Glomerular Cells Shows Dynamic Changes in Experimental Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2019, 30, 533-545.	6.1	133
5	Structural Basis of SNT PTB Domain Interactions with Distinct Neurotrophic Receptors. Molecular Cell, 2000, 6, 921-929.	9.7	98
6	Diabetic Kidney Disease: Challenges, Advances, and Opportunities. Kidney Diseases (Basel, Switzerland), 2020, 6, 215-225.	2.5	98
7	Arctigenin attenuates diabetic kidney disease through the activation of PP2A in podocytes. Nature Communications, 2019, 10, 4523.	12.8	89
8	LRG1 Promotes Diabetic Kidney Disease Progression by Enhancing TGF-Î²â€“Induced Angiogenesis. Journal of the American Society of Nephrology: JASN, 2019, 30, 546-562.	6.1	82
9	RTN1 mediates progression of kidney disease by inducing ER stress. Nature Communications, 2015, 6, 7841.	12.8	80
10	Control of cytoskeletal architecture by thesrc-suppressed C kinase substrate, SSeCKS. Cytoskeleton, 1998, 41, 1-17.	4.4	77
11	The Role of Endoplasmic Reticulum Stress in Diabetic Nephropathy. Current Diabetes Reports, 2017, 17, 17.	4.2	74
12	Comparison of Kidney Transcriptomic Profiles of Early and Advanced Diabetic Nephropathy Reveals Potential New Mechanisms for Disease Progression. Diabetes, 2019, 68, 2301-2314.	0.6	74
13	Reduction in podocyte SIRT1 accelerates kidney injury in aging mice. American Journal of Physiology - Renal Physiology, 2017, 313, F621-F628.	2.7	69
14	Inhibition of Reticulon-1Aâ€“Mediated Endoplasmic Reticulum Stress in Early AKI Attenuates Renal Fibrosis Development. Journal of the American Society of Nephrology: JASN, 2017, 28, 2007-2021.	6.1	64
15	The Role of SIRT1 in Diabetic Kidney Disease. Frontiers in Endocrinology, 2014, 5, 166.	3.5	63
16	SIRT1 Is a Potential Drug Target for Treatment of Diabetic Kidney Disease. Frontiers in Endocrinology, 2018, 9, 624.	3.5	63
17	Bowmanâ€™s capsule provides a protective niche for podocytes from cytotoxic CD8+ T cells. Journal of Clinical Investigation, 2018, 128, 3413-3424.	8.2	62
18	Inactivation of Integrin-Î²1 Prevents the Development of Polycystic Kidney Disease after the Loss of Polycystin-1. Journal of the American Society of Nephrology: JASN, 2015, 26, 888-895.	6.1	57

#	Article	IF	Citations
19	Gene expression profiles of glomerular endothelial cells support their role in the glomerulopathy ofÂdiabetic mice. Kidney International, 2018, 94, 326-345.	5.2	55
20	BAMBI Elimination Enhances Alternative TGF-Î² Signaling and Glomerular Dysfunction in Diabetic Mice. Diabetes, 2015, 64, 2220-2233.	0.6	50
21	A Novel Inhibitor of Homeodomain Interacting Protein Kinase 2 Mitigates Kidney Fibrosis through Inhibition of the TGF-Î²1/Smad3 Pathway. Journal of the American Society of Nephrology: JASN, 2017, 28, 2133-2143.	6.1	43
22	Puerarin attenuates diabetic kidney injury through the suppression of NOX4 expression in podocytes. Scientific Reports, 2017, 7, 14603.	3.3	40
23	Comparison of Glomerular and Podocyte mRNA Profiles in Streptozotocin-Induced Diabetes. Journal of the American Society of Nephrology: JASN, 2016, 27, 1006-1014.	6.1	37
24	Rtn1a-Mediated Endoplasmic Reticulum Stress in Podocyte Injury and Diabetic Nephropathy. Scientific Reports, 2017, 7, 323.	3.3	37
25	Soluble RARRES1 induces podocyte apoptosis to promote glomerular disease progression. Journal of Clinical Investigation, 2020, 130, 5523-5535.	8.2	37
26	Cilium, centrosome and cell cycle regulation in polycystic kidney disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1263-1271.	3.8	35
27	Protein S Protects against Podocyte Injury in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2018, 29, 1397-1410.	6.1	34
28	Retinoic acid improves nephrotoxic serumâ€“induced glomerulonephritis through activation of podocyte retinoic acid receptor Î±. Kidney International, 2017, 92, 1444-1457.	5.2	32
29	Autophagy Limits Endotoxemic Acute Kidney Injury and Alters Renal Tubular Epithelial Cell Cytokine Expression. PLoS ONE, 2016, 11, e0150001.	2.5	30
30	Knockdown of RTN1A attenuates ER stress and kidney injury in albumin overload-induced nephropathy. American Journal of Physiology - Renal Physiology, 2016, 310, F409-F415.	2.7	27
31	Modulation of transforming growth factor-Î²-induced kidney fibrosis by leucine-rich â¸-2 glycoprotein-1. Kidney International, 2022, 101, 299-314.	5.2	27
32	Reduced KrÃ¼ppel-Like Factor 2 Aggravates Glomerular Endothelial Cell Injury and Kidney Disease in Mice with Unilateral Nephrectomy. American Journal of Pathology, 2016, 186, 2021-2031.	3.8	26
33	Transcriptomic analysis uncovers novel synergistic mechanisms in combination therapy for lupus nephritis. Kidney International, 2018, 93, 416-429.	5.2	26
34	Genetics and Epigenetics of Diabetic Nephropathy. Kidney Diseases (Basel, Switzerland), 2015, 1, 42-51.	2.5	24
35	Epigenetic regulation of RCAN1 expression in kidney disease and its role in podocyte injury. Kidney International, 2018, 94, 1160-1176.	5.2	23
36	Disparate roles of retinoid acid signaling molecules in kidney disease. American Journal of Physiology - Renal Physiology, 2021, 320, F683-F692.	2.7	23

#	Article	IF	Citations
37	Prostaglandin E₂mediates proliferation and chloride secretion in ADPKD cystic renal epithelia. American Journal of Physiology - Renal Physiology, 2012, 303, F1425-F1434.	2.7	21
38	HIPK2 is a new drug target for anti-fibrosis therapy in kidney disease. Frontiers in Physiology, 2015, 6, 132.	2.8	21
39	Role of CD8+ T cells in crescentic glomerulonephritis. Nephrology Dialysis Transplantation, 2020, 35, 564-572.	0.7	21
40	Drug Testing for Residual Progression of Diabetic Kidney Disease in Mice Beyond Therapy with Metformin, Ramipril, and Empagliflozin. Journal of the American Society of Nephrology: JASN, 2020, 31, 1729-1745.	6.1	20
41	Epithelial proliferation and cell cycle dysregulation in kidney injury and disease. Kidney International, 2021, 100, 67-78.	5.2	20
42	Molecular Analysis of the Kidney From a Patient With COVID-19â€“Associated Collapsing Glomerulopathy. Kidney Medicine, 2021, 3, 653-658.	2.0	18
43	Reticulon-1A mediates diabetic kidney disease progression through endoplasmic reticulum-mitochondrial contacts in tubular epithelial cells. Kidney International, 2022, 102, 293-306.	5.2	18
44	Kidney single-cell transcriptome profile reveals distinct response of proximal tubule cells to SGLT2i and ARB treatment in diabetic mice. Molecular Therapy, 2022, 30, 1741-1753.	8.2	17
45	Role of C/EBP-Î± in Adriamycin-induced podocyte injury. Scientific Reports, 2016, 6, 33520.	3.3	16
46	Low expression of HIV genes in podocytes accelerates the progression of diabetic kidney disease in mice. Kidney International, 2021, 99, 914-925.	5.2	16
47	Role of KrÃ¼ppelâ€like factorâ€2 in kidney disease. Nephrology, 2018, 23, 53-56.	1.6	15
48	Podocyte and endothelial-specific elimination of BAMBI identifies differential transforming growthÂfactor-Î² pathways contributing to diabeticÂglomerulopathy. Kidney International, 2020, 98, 601-614.	5.2	14
49	Tyro3 is a podocyte protective factor in glomerular disease. JCI Insight, 2018, 3, .	5.0	14
50	Tubular HIPK2 is a key contributor to renal fibrosis. JCI Insight, 2020, 5, .	5.0	14
51	Role of SIRT1 in HIV-associated kidney disease. American Journal of Physiology - Renal Physiology, 2020, 319, F335-F344.	2.7	13
52	Connectivity Mapping Identifies BI-2536 as a Potential Drug to Treat Diabetic Kidney Disease. Diabetes, 2021, 70, 589-602.	0.6	12
53	FGF-Dependent, Context-Driven Role for FRS Adapters in the Early Telencephalon. Journal of Neuroscience, 2017, 37, 5690-5698.	3.6	10
54	Peroxisomal L-bifunctional Protein Deficiency Causes Male-specific Kidney Hypertrophy and Proximal Tubular Injury in Mice. Kidney360, 2021, 2, 1441-1454.	2.1	10

#	Article	IF	Citations
55	Activation of STAT3 signaling pathway in the kidney of COVID-19 patients. Journal of Nephrology, 2022, 35, 735-743.	2.0	10
56	Puerarin attenuates diabetic kidney injury through interaction with Guanidine nucleotideâ€binding protein Gi subunit alphaâ€1 (Gnai1) subunit. Journal of Cellular and Molecular Medicine, 2022, 26, 3816-3827.	3.6	10
57	Digital Spatial Profiling of Individual Glomeruli From Patients With Anti-Neutrophil Cytoplasmic Autoantibody-Associated Glomerulonephritis. Frontiers in Immunology, 2022, 13, 831253.	4.8	9
58	Expression of Glutamate Receptor Subtype 3 Is Epigenetically Regulated in Podocytes under Diabetic Conditions. Kidney Diseases (Basel, Switzerland), 2019, 5, 34-42.	2.5	7
59	Autocrine and paracrine effects of a novel podocyte gene, RARRES1. Kidney International, 2021, 100, 745-747.	5.2	7
60	Similarities and Differences between COVID-19-Associated Nephropathy and HIV-Associated Nephropathy. Kidney Diseases (Basel, Switzerland), 2022, 8, 1-12.	2.5	6
61	Inhibition of apoptosis signal-regulating kinase 1 mitigates the pathogenesis of human immunodeficiency virus-associated nephropathy. Nephrology Dialysis Transplantation, 2021, 36, 430-441.	0.7	5
62	Global transcriptomic changes in glomerular endothelial cells in mice with podocyte depletion and glomerulosclerosis. Cell Death and Disease, 2021, 12, 687.	6.3	5
63	A Novel Mechanism of Regulation for Exosome Secretion in the Diabetic Kidney. Diabetes, 2021, 70, 1440-1442.	0.6	4
64	Control of cytoskeletal architecture by the srcâ€suppressed C kinase substrate, SSeCKS. Cytoskeleton, 1998, 41, 1-17.	4.4	3
65	Integrin-Î²₁ is required for the renal cystogenesis caused by ciliary defects. American Journal of Physiology - Renal Physiology, 2020, 318, F1306-F1312.	2.7	2
66	HIPK2 directs cell typeâ€“specific regulation of STAT3 transcriptional activity in Th17 cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117112119.	7.1	2
67	Progression of kidney disease as a maladaptive response to injury. , 2022, , 213-220.		0