

Kyung Lee

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,681
citations

172207

29
h-index

205818

48
g-index

72
all docs

72
docs citations

72
times ranked

3276
citing authors

#	ARTICLE	IF	CITATIONS
1	Glomerular endothelial cell injury and cross talk in diabetic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F287-F297.	1.3	200
2	Novel Recognition Motif on Fibroblast Growth Factor Receptor Mediates Direct Association and Activation of SNT Adapter Proteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 17987-17990.	1.6	158
3	Increased podocyte Sirtuin-1 function attenuates diabetic kidney injury. <i>Kidney International</i> , 2018, 93, 1330-1343.	2.6	153
4	Single-Cell RNA Profiling of Glomerular Cells Shows Dynamic Changes in Experimental Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 533-545.	3.0	133
5	Structural Basis of SNT PTB Domain Interactions with Distinct Neurotrophic Receptors. <i>Molecular Cell</i> , 2000, 6, 921-929.	4.5	98
6	Diabetic Kidney Disease: Challenges, Advances, and Opportunities. <i>Kidney Diseases (Basel, Switzerland)</i> , 2020, 6, 215-225.	1.2	98
7	Arctigenin attenuates diabetic kidney disease through the activation of PP2A in podocytes. <i>Nature Communications</i> , 2019, 10, 4523.	5.8	89
8	LRG1 Promotes Diabetic Kidney Disease Progression by Enhancing TGF- β -Induced Angiogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 546-562.	3.0	82
9	RTN1 mediates progression of kidney disease by inducing ER stress. <i>Nature Communications</i> , 2015, 6, 7841.	5.8	80
10	Control of cytoskeletal architecture by thesrc-suppressed C kinase substrate, SSeCKS. <i>Cytoskeleton</i> , 1998, 41, 1-17.	4.4	77
11	The Role of Endoplasmic Reticulum Stress in Diabetic Nephropathy. <i>Current Diabetes Reports</i> , 2017, 17, 17.	1.7	74
12	Comparison of Kidney Transcriptomic Profiles of Early and Advanced Diabetic Nephropathy Reveals Potential New Mechanisms for Disease Progression. <i>Diabetes</i> , 2019, 68, 2301-2314.	0.3	74
13	Reduction in podocyte SIRT1 accelerates kidney injury in aging mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F621-F628.	1.3	69
14	Inhibition of Reticulon-1-Mediated Endoplasmic Reticulum Stress in Early AKI Attenuates Renal Fibrosis Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2007-2021.	3.0	64
15	The Role of SIRT1 in Diabetic Kidney Disease. <i>Frontiers in Endocrinology</i> , 2014, 5, 166.	1.5	63
16	SIRT1 Is a Potential Drug Target for Treatment of Diabetic Kidney Disease. <i>Frontiers in Endocrinology</i> , 2018, 9, 624.	1.5	63
17	Bowman's capsule provides a protective niche for podocytes from cytotoxic CD8+ T cells. <i>Journal of Clinical Investigation</i> , 2018, 128, 3413-3424.	3.9	62
18	Inactivation of Integrin- β 1 Prevents the Development of Polycystic Kidney Disease after the Loss of Polycystin-1. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 888-895.	3.0	57

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19	Gene expression profiles of glomerular endothelial cells support their role in the glomerulopathy of diabetic mice. <i>Kidney International</i> , 2018, 94, 326-345.	2.6	55
20	BAMBI Elimination Enhances Alternative TGF- β 2 Signaling and Glomerular Dysfunction in Diabetic Mice. <i>Diabetes</i> , 2015, 64, 2220-2233.	0.3	50
21	A Novel Inhibitor of Homeodomain Interacting Protein Kinase 2 Mitigates Kidney Fibrosis through Inhibition of the TGF- β 1/Smad3 Pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2133-2143.	3.0	43
22	Puerarin attenuates diabetic kidney injury through the suppression of NOX4 expression in podocytes. <i>Scientific Reports</i> , 2017, 7, 14603.	1.6	40
23	Comparison of Glomerular and Podocyte mRNA Profiles in Streptozotocin-Induced Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1006-1014.	3.0	37
24	Rtn1a-Mediated Endoplasmic Reticulum Stress in Podocyte Injury and Diabetic Nephropathy. <i>Scientific Reports</i> , 2017, 7, 323.	1.6	37
25	Soluble RARRES1 induces podocyte apoptosis to promote glomerular disease progression. <i>Journal of Clinical Investigation</i> , 2020, 130, 5523-5535.	3.9	37
26	Cilium, centrosome and cell cycle regulation in polycystic kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1263-1271.	1.8	35
27	Protein S Protects against Podocyte Injury in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1397-1410.	3.0	34
28	Retinoic acid improves nephrotoxic serum-induced glomerulonephritis through activation of podocyte retinoic acid receptor β . <i>Kidney International</i> , 2017, 92, 1444-1457.	2.6	32
29	Autophagy Limits Endotoxemic Acute Kidney Injury and Alters Renal Tubular Epithelial Cell Cytokine Expression. <i>PLoS ONE</i> , 2016, 11, e0150001.	1.1	30
30	Knockdown of RTN1A attenuates ER stress and kidney injury in albumin overload-induced nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F409-F415.	1.3	27
31	Modulation of transforming growth factor- β 2-induced kidney fibrosis by leucine-rich α 2-glycoprotein-1. <i>Kidney International</i> , 2022, 101, 299-314.	2.6	27
32	Reduced Krüppel-Like Factor 2 Aggravates Glomerular Endothelial Cell Injury and Kidney Disease in Mice with Unilateral Nephrectomy. <i>American Journal of Pathology</i> , 2016, 186, 2021-2031.	1.9	26
33	Transcriptomic analysis uncovers novel synergistic mechanisms in combination therapy for lupus nephritis. <i>Kidney International</i> , 2018, 93, 416-429.	2.6	26
34	Genetics and Epigenetics of Diabetic Nephropathy. <i>Kidney Diseases (Basel, Switzerland)</i> , 2015, 1, 42-51.	1.2	24
35	Epigenetic regulation of RCAN1 expression in kidney disease and its role in podocyte injury. <i>Kidney International</i> , 2018, 94, 1160-1176.	2.6	23
36	Disparate roles of retinoid acid signaling molecules in kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F683-F692.	1.3	23

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37	Prostaglandin E ₂ mediates proliferation and chloride secretion in ADPKD cystic renal epithelia. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1425-F1434.	1.3	21
38	HIPK2 is a new drug target for anti-fibrosis therapy in kidney disease. <i>Frontiers in Physiology</i> , 2015, 6, 132.	1.3	21
39	Role of CD8+ T cells in crescentic glomerulonephritis. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 564-572.	0.4	21
40	Drug Testing for Residual Progression of Diabetic Kidney Disease in Mice Beyond Therapy with Metformin, Ramipril, and Empagliflozin. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1729-1745.	3.0	20
41	Epithelial proliferation and cell cycle dysregulation in kidney injury and disease. <i>Kidney International</i> , 2021, 100, 67-78.	2.6	20
42	Molecular Analysis of the Kidney From a Patient With COVID-19-Associated Collapsing Glomerulopathy. <i>Kidney Medicine</i> , 2021, 3, 653-658.	1.0	18
43	Reticulon-1A mediates diabetic kidney disease progression through endoplasmic reticulum-mitochondrial contacts in tubular epithelial cells. <i>Kidney International</i> , 2022, 102, 293-306.	2.6	18
44	Kidney single-cell transcriptome profile reveals distinct response of proximal tubule cells to SGLT2i and ARB treatment in diabetic mice. <i>Molecular Therapy</i> , 2022, 30, 1741-1753.	3.7	17
45	Role of C/EBP β in Adriamycin-induced podocyte injury. <i>Scientific Reports</i> , 2016, 6, 33520.	1.6	16
46	Low expression of HIV genes in podocytes accelerates the progression of diabetic kidney disease in mice. <i>Kidney International</i> , 2021, 99, 914-925.	2.6	16
47	Role of Kr μ ppl ϵ like factor ϵ 2 in kidney disease. <i>Nephrology</i> , 2018, 23, 53-56.	0.7	15
48	Podocyte and endothelial-specific elimination of BAMBI identifies differential transforming growth factor β 2 pathways contributing to diabetic glomerulopathy. <i>Kidney International</i> , 2020, 98, 601-614.	2.6	14
49	Tyro3 is a podocyte protective factor in glomerular disease. <i>JCI Insight</i> , 2018, 3, .	2.3	14
50	Tubular HIPK2 is a key contributor to renal fibrosis. <i>JCI Insight</i> , 2020, 5, .	2.3	14
51	Role of SIRT1 in HIV-associated kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F335-F344.	1.3	13
52	Connectivity Mapping Identifies BI-2536 as a Potential Drug to Treat Diabetic Kidney Disease. <i>Diabetes</i> , 2021, 70, 589-602.	0.3	12
53	FGF-Dependent, Context-Driven Role for FRS Adapters in the Early Telencephalon. <i>Journal of Neuroscience</i> , 2017, 37, 5690-5698.	1.7	10
54	Peroxisomal L-bifunctional Protein Deficiency Causes Male-specific Kidney Hypertrophy and Proximal Tubular Injury in Mice. <i>Kidney360</i> , 2021, 2, 1441-1454.	0.9	10

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55	Activation of STAT3 signaling pathway in the kidney of COVID-19 patients. <i>Journal of Nephrology</i> , 2022, 35, 735-743.	0.9	10
56	Puerarin attenuates diabetic kidney injury through interaction with Guanidine nucleotide-binding protein Gi subunit alpha1 (Gnai1) subunit. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3816-3827.	1.6	10
57	Digital Spatial Profiling of Individual Glomeruli From Patients With Anti-Neutrophil Cytoplasmic Autoantibody-Associated Glomerulonephritis. <i>Frontiers in Immunology</i> , 2022, 13, 831253.	2.2	9
58	Expression of Glutamate Receptor Subtype 3 Is Epigenetically Regulated in Podocytes under Diabetic Conditions. <i>Kidney Diseases (Basel, Switzerland)</i> , 2019, 5, 34-42.	1.2	7
59	Autocrine and paracrine effects of a novel podocyte gene, RARRES1. <i>Kidney International</i> , 2021, 100, 745-747.	2.6	7
60	Similarities and Differences between COVID-19-Associated Nephropathy and HIV-Associated Nephropathy. <i>Kidney Diseases (Basel, Switzerland)</i> , 2022, 8, 1-12.	1.2	6
61	Inhibition of apoptosis signal-regulating kinase 1 mitigates the pathogenesis of human immunodeficiency virus-associated nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 430-441.	0.4	5
62	Global transcriptomic changes in glomerular endothelial cells in mice with podocyte depletion and glomerulosclerosis. <i>Cell Death and Disease</i> , 2021, 12, 687.	2.7	5
63	A Novel Mechanism of Regulation for Exosome Secretion in the Diabetic Kidney. <i>Diabetes</i> , 2021, 70, 1440-1442.	0.3	4
64	Control of cytoskeletal architecture by the src-suppressed C kinase substrate, SSeCKS. , 1998, 41, 1.		3
65	Integrin- α 1 is required for the renal cystogenesis caused by ciliary defects. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1306-F1312.	1.3	2
66	HIPK2 directs cell type-specific regulation of STAT3 transcriptional activity in Th17 cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117112119.	3.3	2
67	Progression of kidney disease as a maladaptive response to injury. , 2022, , 213-220.		0