Oleg Palygin

List of Publications by Year
in descending order

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Version: 2024-02-01

151 papers	2,880 citations	159525 30 h-index	197736 49 g-index
154 all docs	154 docs citations	154 times ranked	3637 citing authors

#	Article	IF	Citations
1	Exocytosis of ATP From Astrocytes Modulates Phasic and Tonic Inhibition in the Neocortex. PLoS Biology, 2014, 12, e1001747.	2.6	222
2	Voltage-gated Nav channel targeting in the heart requires an ankyrin-Gâ€“dependent cellular pathway. Journal of Cell Biology, 2008, 180, 173-186.	2.3	155
3	Keratinocytes mediate innocuous and noxious touch via ATP-P2X4 signaling. ELife, 2018, 7, .	2.8	143
4	Ionotropic NMDA and P2X1/5 receptors mediate synaptically induced Ca2+ signalling in cortical astrocytes. Cell Calcium, 2010, 48, 225-231.	1.1	140
5	miR-132/212 Knockout Mice Reveal Roles for These miRNAs in Regulating Cortical Synaptic Transmission and Plasticity. PLoS ONE, 2013, 8, e62509.	1.1	122
6	Distinct pharmacological and functional properties of NMDA receptors in mouse cortical astrocytes. British Journal of Pharmacology, 2011, 163, 1755-1766.	2.7	98
7	A NOX4/TRPC6 Pathway in Podocyte Calcium Regulation and Renal Damage in Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2018, 29, 1917-1927.	3.0	95
8	Age-dependent remodelling of ionotropic signalling in cortical astroglia. Aging Cell, 2011, 10, 392-402.	3.0	85
9	Podocyte injury in diabetic nephropathy: implications of angiotensin II â€“ dependent activation of TRPC channels. Scientific Reports, 2015, 5, 17637.	1.6	84
10	Angiotensin II has acute effects on TRPC6 channels in podocytes of freshly isolated glomeruli. Kidney International, 2014, 86, 506-514.	2.6	80
11	Essential role of Kir5.1 channels in renal salt handling and blood pressure control. JCI Insight, 2017, 2, .	2.3	78
12	Deficiency of Renal Cortical EGF Increases ENaC Activity and Contributes to Salt-Sensitive Hypertension. Journal of the American Society of Nephrology: JASN, 2013, 24, 1053-1062.	3.0	69
13	MSK1 Regulates Homeostatic and Experience-Dependent Synaptic Plasticity. Journal of Neuroscience, 2012, 32, 13039-13051.	1.7	67
14	ATP from synaptic terminals and astrocytes regulates NMDA receptors and synaptic plasticity through PSD-95 multi-protein complex. Scientific Reports, 2016, 6, 33609.	1.6	65
15	Cannabinoid receptors contribute to astroglial Ca ²⁺ -signalling and control of synaptic plasticity in the neocortex. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20140077.	1.8	55
16	The MK2/3 cascade regulates AMPAR trafficking and cognitive flexibility. Nature Communications, 2014, 5, 4701.	5.8	55
17	Mutation of Plekha7 attenuates salt-sensitive hypertension in the rat. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12817-12822.	3.3	55
18	Protective role of Trpc6 knockout in the progression of diabetic kidney disease. American Journal of Physiology - Renal Physiology, 2018, 315, F1091-F1097.	1.3	54

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19	Direct inhibition of basolateral K_{ir}4.1/5.1 and K_{ir}4.1 channels in the cortical collecting duct by dopamine. American Journal of Physiology - Renal Physiology, 2013, 305, F1277-F1287.	1.3	49
20	Defects in KCNJ16 Cause a Novel Tubulopathy with Hypokalemia, Salt Wasting, Disturbed Acid-Base Homeostasis, and Sensorineural Deafness. Journal of the American Society of Nephrology: JASN, 2021, 32, 1498-1512.	3.0	46
21	Role of TRPC6 in Progression of Diabetic Kidney Disease. Current Hypertension Reports, 2019, 21, 48.	1.5	45
22	The Role of Angiotensin II in Glomerular Volume Dynamics and Podocyte Calcium Handling. Scientific Reports, 2017, 7, 299.	1.6	43
23	Regulation of caveolar cardiac sodium current by a single Gsî± histidine residue. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1693-H1699.	1.5	40
24	Metabolic rewiring of the hypertensive kidney. Science Signaling, 2019, 12, .	1.6	40
25	Protease-activated receptors in kidney disease progression. American Journal of Physiology - Renal Physiology, 2016, 311, F1140-F1144.	1.3	36
26	p66Shc regulates renal vascular tone in hypertension-induced nephropathy. Journal of Clinical Investigation, 2016, 126, 2533-2546.	3.9	36
27	Epidermal growth factors in the kidney and relationship to hypertension. American Journal of Physiology - Renal Physiology, 2013, 305, F12-F20.	1.3	35
28	Insulin and IGF-1 activate K_{ir}4.1/5.1 channels in cortical collecting duct principal cells to control basolateral membrane voltage. American Journal of Physiology - Renal Physiology, 2016, 310, F311-F321.	1.3	35
29	Progression of diabetic kidney disease in T2DN rats. American Journal of Physiology - Renal Physiology, 2019, 317, F1450-F1461.	1.3	34
30	Chronic central serotonin depletion attenuates ventilation and body temperature in young but not adult Tph2 knockout rats. Journal of Applied Physiology, 2016, 120, 1070-1081.	1.2	33
31	Pharmacological characterization of the P2 receptors profile in the podocytes of the freshly isolated rat glomeruli. American Journal of Physiology - Cell Physiology, 2013, 305, C1050-C1059.	2.1	32
32	Real-time electrochemical detection of ATP and H₂O₂release in freshly isolated kidneys. American Journal of Physiology - Renal Physiology, 2013, 305, F134-F141.	1.3	30
33	Role and mechanisms of regulation of the basolateral K_{ir}4.1/K_{ir}5.1K⁺channels in the distal tubules. Acta Physiologica, 2017, 219, 260-273.	1.8	29
34	Mechanosensory and ATP Release Deficits following Keratin14-Cre-Mediated TRPA1 Deletion Despite Absence of TRPA1 in Murine Keratinocytes. PLoS ONE, 2016, 11, e0151602.	1.1	24
35	Single-channel Analysis and Calcium Imaging in the Podocytes of the Freshly Isolated Glomeruli. Journal of Visualized Experiments, 2015, , e52850.	0.2	21
36	Characterization of purinergic receptor expression in ARPKD cystic epithelia. Purinergic Signalling, 2018, 14, 485-497.	1.1	21

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37	Expression, localization, and functional properties of inwardly rectifying K⁺channels in the kidney. American Journal of Physiology - Renal Physiology, 2020, 318, F332-F337.	1.3	21
38	NOX4â€dependent regulation of ENaC in hypertension and diabetic kidney disease. FASEB Journal, 2020, 34, 13396-13408.	0.2	21
39	Ca2+-dependent modulation of GABAA and NMDA receptors by extracellular ATP: implication for function of tripartite synapse. Biochemical Society Transactions, 2009, 37, 1407-1411.	1.6	20
40	Arp2/3 complex inhibitors adversely affect actin cytoskeleton remodeling in the cultured murine kidney collecting duct M-1 cells. Cell and Tissue Research, 2013, 354, 783-792.	1.5	20
41	Impaired epithelial Na+ channel activity contributes to cystogenesis and development of autosomal recessive polycystic kidney disease in PCK rats. Pediatric Research, 2015, 77, 64-69.	1.1	19
42	Compartmentalization of the MAPK scaffold protein KSR1 modulates synaptic plasticity in hippocampal neurons. FASEB Journal, 2011, 25, 2362-2372.	0.2	18
43	Acute In Vivo Analysis of ATP Release in Rat Kidneys in Response to Changes of Renal Perfusion Pressure. Journal of the American Heart Association, 2017, 6, .	1.6	18
44	Genetic mutation of Kcnj16 identifies Kir5.1â€containing channels as key regulators of acute and chronic pH homeostasis. FASEB Journal, 2019, 33, 5067-5075.	0.2	18
45	Accelerated lysine metabolism conveys kidney protection in salt-sensitive hypertension. Nature Communications, 2022, 13, .	5.8	18
46	Distal tubule basolateral potassium channels. Current Opinion in Nephrology and Hypertension, 2018, 27, 373-378.	1.0	17
47	Effects of uric acid dysregulation on the kidney. American Journal of Physiology - Renal Physiology, 2020, 318, F1252-F1257.	1.3	17
48	Role of opioid signaling in kidney damage during the development of salt-induced hypertension. Life Science Alliance, 2020, 3, e202000853.	1.3	17
49	SGLT2 inhibition effect on salt-induced hypertension, RAAS, and Na⁺ transport in Dahl SS rats. American Journal of Physiology - Renal Physiology, 2022, 322, F692-F707.	1.3	17
50	Intravital imaging of the kidney in a rat model of salt-sensitive hypertension. American Journal of Physiology - Renal Physiology, 2017, 313, F163-F173.	1.3	16
51	Lack of Effects of Metformin and AICAR Chronic Infusion on the Development of Hypertension in Dahl Salt-Sensitive Rats. Frontiers in Physiology, 2017, 8, 227.	1.3	16
52	Postprandial Effects on ENaC-Mediated Sodium Absorption. Scientific Reports, 2019, 9, 4296.	1.6	16
53	Nitric oxide production by glomerular podocytes. Nitric Oxide - Biology and Chemistry, 2018, 72, 24-31.	1.2	14
54	Kcnj16 knockout produces audiogenic seizures in the Dahl salt-sensitive rat. JCI Insight, 2021, 6, .	2.3	14

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55	Functional and therapeutic importance of purinergic signaling in polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2016, 311, F1135-F1139.	1.3	13
56	Human genotyping and an experimental model reveal NPR-C as a possible contributor to morbidity in coarctation of the aorta. Physiological Genomics, 2019, 51, 177-185.	1.0	12
57	Use of Enzymatic Biosensors to Quantify Endogenous ATP or H₂O₂ in the Kidney. Journal of Visualized Experiments, 2015, , .	0.2	11
58	Relationship between the reninâ€“angiotensinâ€“aldosterone system and renal Kir5.1 channels. Clinical Science, 2019, 133, 2449-2461.	1.8	11
59	Transcriptome-wide co-expression analysis identifies LRRC2 as a novel mediator of mitochondrial and cardiac function. PLoS ONE, 2017, 12, e0170458.	1.1	11
60	Implementing Patch Clamp and Live Fluorescence Microscopy to Monitor Functional Properties of Freshly Isolated PKD Epithelium. Journal of Visualized Experiments, 2015, , .	0.2	10
61	Characterization of purinergic receptor 2 signaling in podocytes from diabetic kidneys. IScience, 2021, 24, 102528.	1.9	10
62	Kir5.1 channels: potential role in epilepsy and seizure disorders. American Journal of Physiology - Cell Physiology, 2022, 323, C706-C717.	2.1	10
63	Vibrodissociation method for isolation of defined nephron segments from human and rodent kidneys. American Journal of Physiology - Renal Physiology, 2019, 317, F1398-F1403.	1.3	9
64	Loss of Chloride Channel 6 (CLC-6) Affects Vascular Smooth Muscle Contractility and Arterial Stiffness via Alterations to Golgi Calcium Stores. Hypertension, 2021, 77, 582-593.	1.3	9
65	Cytoskeleton Rearrangements Modulate TRPC6 Channel Activity in Podocytes. International Journal of Molecular Sciences, 2021, 22, 4396.	1.8	9
66	Fluorescent Imaging and Microscopy for Dynamic Processes in Rats. Methods in Molecular Biology, 2019, 2018, 151-175.	0.4	8
67	Crosstalk between epithelial sodium channels (<scp>ENaC)</scp> and basolateral potassium channels (K_{ir}4.1/K_{ir}5.1) in the cortical collecting duct. British Journal of Pharmacology, 2022, 179, 2953-2968.	2.7	8
68	Increased ENaC activity during kidney preservation in Wisconsin solution. BMC Nephrology, 2019, 20, 145.	0.8	7
69	Sexual dimorphism in the progression of type 2 diabetic kidney disease in T2DN rats. Physiological Genomics, 2021, 53, 223-234.	1.0	7
70	Modulation of ATP-induced LTP by cannabinoid receptors in rat hippocampus. Purinergic Signalling, 2012, 8, 705-713.	1.1	6
71	Endothelin receptor A and p66Shc regulate spontaneous Ca²⁺oscillations in smooth muscle cells controlling renal arterial spontaneous motion. FASEB Journal, 2019, 33, 2636-2645.	0.2	6
72	p66Shc-mediated hydrogen peroxide production impairs nephrogenesis causing reduction of number of glomeruli. Life Sciences, 2021, 279, 119661.	2.0	6

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73	Astrocytic responses to high glucose impair barrier formation in cerebral microvessel endothelial cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 322, R571-R580.	0.9	6
74	Two-photon imaging of endothelin-1-mediated intracellular Ca 2+ handling in smooth muscle cells of rat renal resistance arteries. Life Sciences, 2016, 159, 140-143.	2.0	5
75	Acute and long-term effects of cannabinoids on hypertension and kidney injury. Scientific Reports, 2022, 12, 6080.	1.6	5
76	Nitric-Oxide-Mediated Signaling in Podocyte Pathophysiology. Biomolecules, 2022, 12, 745.	1.8	5
77	Behavioral, metabolic, and renal outcomes of 1-month isolation in adolescent male Dahl salt-sensitive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R684-R689.	0.9	4
78	Two-photon Imaging of Intracellular Ca²⁺ Handling and Nitric Oxide Production in Endothelial and Smooth Muscle Cells of an Isolated Rat Aorta. Journal of Visualized Experiments, 2015, , e52734.	0.2	3
79	Scanning ion conductance microscopy of live human glomerulus. Journal of Cellular and Molecular Medicine, 2021, 25, 4216-4219.	1.6	3
80	Angiotensin II Dependent Regulation of TRPC6 Calcium Channels in the Podocytes of the STZâ€induced Type 1 Diabetic Dahl SS Rats. FASEB Journal, 2015, 29, 964.1.	0.2	3
81	Detection of endogenous substances with enzymatic microelectrode biosensors in the kidney. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R89-R91.	0.9	2
82	Contribution of K_{ir}4.1/K_{ir}5.1 Channels to the Control of ENaCâ€Mediated Apical Sodium Transport in the Cortical Collecting Duct. FASEB Journal, 2020, 34, 1-1.	0.2	2
83	Editorial: Hypertension and Chronic Kidney Injury or Failure, Volume II. Frontiers in Physiology, 2021, 12, 824971.	1.3	2
84	The Mechanisms of Cellular Plasticity in Collecting Duct Cells: Intermediate Cell Type and Notch-mediated Transdifferentiation. Function, 2021, 2, zqab032.	1.1	1
85	Role of collecting duct principal cell NOS1Î² in sodium and potassium homeostasis. Physiological Reports, 2021, 9, e15080.	0.7	1
86	Realâ€time electrochemical detection of endogenous substance release in freshly isolated organs. FASEB Journal, 2013, 27, 910.16.	0.2	1
87	Potential Role of cGASâ€STING Pathway in the Induction of Diabetic Kidney Disease. FASEB Journal, 2020, 34, 1-1.	0.2	1
88	The Protective Effects of Ketodiet in Saltâ€Sensitive Hypertension. FASEB Journal, 2020, 34, 1-1.	0.2	1
89	The role of TRPC6 channel in chronic kidney disease. American Journal of Physiology - Renal Physiology, 2022, 322, F195-F196.	1.3	1
90	GsÎ± Protein-Mediated and Protein Kinase A-Independent Regulation of Caveolar Sodium Channels in Rat Cardiomyocytes. Neurophysiology, 2009, 41, 8-15.	0.2	0

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91	FP230ROLE OF PROTEASE-ACTIVATED RECEPTORS IN REGULATION OF CALCIUM SIGNALING IN PODOCYTES IN TYPE 2 DIABETIC NEPHROPATHY. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	0
92	MO059CONTRIBUTION OF OPIOID RECEPTOR SIGNALING IN PODOCYTES TOWARDS THE DEVELOPMENT OF SALT-SENSITIVE HYPERTENSION AND KIDNEY INJURY. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
93	Editorial: Hypertension and Chronic Kidney Injury or Failure. Frontiers in Physiology, 2021, 12, 662737.	1.3	0
94	Remodeling of Purinergic Receptor 2 Signaling in Podocytes In Response to Diabetic Kidney Disease. FASEB Journal, 2021, 35, .	0.2	0
95	The Role of Acute and Longâ€Term Use of Cannabinoids on Hypertension and Kidney Injury. FASEB Journal, 2021, 35, .	0.2	0
96	A Potential Regulatory Role of Xanthine Dehydrogenase (XDH) in the Kidney Development and Damage. FASEB Journal, 2021, 35, .	0.2	0
97	Role of Basolateral K _{ir} 4.1/K _{ir} 5.1 Channel in the Regulation of Electrolyte Balance and ENaC Activity in the Cortical Collecting Duct. FASEB Journal, 2021, 35, .	0.2	0
98	Abstract P245: Activation Of Protease-activated Receptors 1 Leads To Structural Changes In Immortalized Cultured Human Podocytes.. Hypertension, 2021, 78, .	1.3	0
99	Abstract MP35: Pharmacological Inhibition And Knockout Of K _{ir} 7.1 Does Not Affect The Development Of Salt-Sensitive Hypertension In The Dahl SS Rat. Hypertension, 2021, 78, .	1.3	0
100	Plekha7, a candidate gene for human hypertension, plays a critical role in the regulation of intracellular calcium. FASEB Journal, 2013, 27, .	0.2	0
101	The role of the Arp2/3 complex in the cytoskeleton organization and actinâ€mediated sodium reabsorption in kidney epithelial cells. FASEB Journal, 2013, 27, 1145.8.	0.2	0
102	Pharmacological characterization of the P2 receptors profile in the podocytes of the Sprague Dawley rat glomeruli. FASEB Journal, 2013, 27, 912.22.	0.2	0
103	Role of the epithelial Na + channels (ENaC) in development of ARPKD. FASEB Journal, 2013, 27, 1148.1.	0.2	0
104	Utilizing a Type 1 Diabetic Nephropathy Model Developed on the Basis of StreptozotocinâEtreated Dahl SS Rats for the Studies of Calcium Handling in the Podocytes. FASEB Journal, 2015, 29, 964.2.	0.2	0
105	Mechanism of Angiotensin II â€Mediated Changes in Glomeruli Permeability and Calcium Influx in Podocytes. FASEB Journal, 2015, 29, 808.22.	0.2	0
106	Nox4â€mediated and Hydrogen Peroxide Dependent Regulation of ENaC In Saltâ€Sensitive Hypertension. FASEB Journal, 2015, 29, 811.23.	0.2	0
107	Intravital Imaging of the Kidney in Saltâ€Sensitive Hypertension. FASEB Journal, 2015, 29, .	0.2	0
108	Role of Renal Interstitial ATP in Pressure Natriuresis/Diuresis Relationship. FASEB Journal, 2015, 29, 811.16.	0.2	0

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109	The Regulatory Pathways of Nitric Oxide Production in Glomeruli Podocytes. FASEB Journal, 2015, 29, 808.9.	0.2	0
110	Twoâ€Photon Imaging of Intracellular Ca ²⁺ Handling and Nitric Oxide Production in Endothelial and Smooth Muscle Cells of Isolated Rat Vessels . FASEB Journal, 2015, 29, 808.18.	0.2	0
111	Abstract 106: Signaling Mechanisms Affecting Nitric Oxide Production in Glomerular Podocytes. Hypertension, 2016, 68, .	1.3	0
112	Abstract P118: The Complexity of the Albuminuria Development in Salt-sensitive Hypertension. Hypertension, 2016, 68, .	1.3	0
113	Abstract 107: Role of Nox4 in the Control of ENaC Activity in Dahl SS Rats During the Development of Salt-induced Hypertension and Diabetic Nephropathy. Hypertension, 2017, 70, .	1.3	0
114	The Protective Role of TRPC6 Knockout in the Progression of Diabetic Nephropathy. FASEB Journal, 2018, 32, .	0.2	0
115	Knockout of Kcnj16 (Kir5.1) in Dahl Saltâ€Sensitive Rats Produces Seizure Phenotype. FASEB Journal, 2018, 32, 750.3.	0.2	0
116	Acute and Chronic Respiratory Effects from Repeated Audiogenic Seizures in SS Kcnj16â^'/â^' Rats. FASEB Journal, 2018, 32, 894.14.	0.2	0
117	Lâ€lysine Control of Albumin Reabsorption by the Renal Proximal Tubule Prevents the Development of Saltâ€Sensitive Hypertension. FASEB Journal, 2018, 32, 716.5.	0.2	0
118	The Effect of Voltageâ€Sensitive Chloride Channel 6 on Development of Saltâ€Sensitive Hypertension. FASEB Journal, 2018, 32, 750.23.	0.2	0
119	Purinergic Receptors Profile in the ARPKD Cystic Epithelia. FASEB Journal, 2018, 32, 624.4.	0.2	0
120	Kcnj10 (Kir 4.1) Knockout in Dahl SS Rats Determines the Expression of Kcnj10 and Kcnj16 Proteins in Brain and Kidney. FASEB Journal, 2018, 32, 620.3.	0.2	0
121	New Vibroâ€Dissociation Method for Isolation of Defined Nephron Segments and Small Renal Vessels. FASEB Journal, 2019, 33, 748.10.	0.2	0
122	Metabolic Insults Drive the Development of Glomerular Sclerosis and Proteinuria in Saltâ€Sensitive Hypertensive Nephropathy. FASEB Journal, 2019, 33, 571.3.	0.2	0
123	Kir5.1â€Mediated Changes in Reninâ€Angiotensinâ€Aldosterone System Balance in Salt Sensitive Hypertension. FASEB Journal, 2019, 33, 862.12.	0.2	0
124	Role of Nox4 in Angiotensin IIâ€Mediated Changes in Volume Dynamics and Nitric Oxide Production in Podocytes. FASEB Journal, 2019, 33, 575.1.	0.2	0
125	EET Analogs and the Dualâ€Inhibition of sEH/COXâ€2 for the Treatment of Focal Segmental Glomerular Sclerosis. FASEB Journal, 2019, 33, 863.8.	0.2	0
126	Sex Differences in the Progression of Type 2 Diabetic Nephropathy. FASEB Journal, 2019, 33, .	0.2	0

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127	Postprandial Effects on ENaCâ€Mediated Sodium Absorption. FASEB Journal, 2019, 33, 751.15.	0.2	0
128	Abstract 133: The Role of Xanthine Dehydrogenase (XDH) and Uric Acid in Renal Damage. Hypertension, 2019, 74, .	1.3	0
129	Abstract P142: Progression of Diabetic Kidney Disease in the Type 2 Diabetic Nephropathy Rat Model. Hypertension, 2019, 74, .	1.3	0
130	The Role of Opioid Receptors in Podocyte Injury and Kidney Damage During the Development of Saltâ€Induced Hypertension. FASEB Journal, 2020, 34, 1-1.	0.2	0
131	Abstract MP09: Sex Differences And Development Of Advanced Diabetic Nephropathy In Type 2 Diabetic Nephropathy Rats. Hypertension, 2020, 76, .	1.3	0
132	Metabolic rewiring of the hypertensive kidney. FASEB Journal, 2020, 34, 1-1.	0.2	0
133	The Role of Xanthine Dehydrogenase (XDH) and Uric Acid in the Kidney Development and Renal Injury. FASEB Journal, 2020, 34, 1-1.	0.2	0
134	Role of K_{ir}4.1 (Kcnj10) in the Regulation of Saltâ€Induced Hypertension. FASEB Journal, 2020, 34, 1-1.	0.2	0
135	Fructose Consumption Increases Blood Pressure and Induces Changes in Renal Microvascular Function. FASEB Journal, 2020, 34, 1-1.	0.2	0
136	Sex Hormones and Development of Advanced Diabetic Nephropathy in Diabetic Kidney Disease. FASEB Journal, 2020, 34, 1-1.	0.2	0
137	Type 1 Diabetes Results in Significant Purinergic Receptor Remodeling in Podocytes. FASEB Journal, 2020, 34, 1-1.	0.2	0
138	Abstract 15: The Role Of Opioid Receptors In Podocytes In The Development Of Hypertension In Dahl Salt-sensitive Rats. Hypertension, 2020, 76, .	1.3	0
139	Abstract P056: Voltage-gated Chloride Channel 6 Regulates Intracellular Calcium Signaling In Vascular Smooth Muscle Cells And Prevents Arterial Stiffening. Hypertension, 2020, 76, .	1.3	0
140	Abstract P013: Role Of Kir4.1 (Kcnj10) In The Regulation Of Salt-Induced Hypertension. Hypertension, 2020, 76, .	1.3	0
141	Abstract P026: The Accumulation Of Lysine In The Kidney Cortex Protects From Proximal Tubule Damage And Salt-Sensitive Hypertension.. Hypertension, 2020, 76, .	1.3	0
142	RASâ€mediated nitric oxide signaling in podocytes. FASEB Journal, 2022, 36, .	0.2	0
143	Effects of Potassium Supplementation and Kir7.1 Knockout on Renal Function During the Progression of Saltâ€Sensitive Hypertension. FASEB Journal, 2022, 36, .	0.2	0
144	Lack of Xdh Leads to Alterations in Reninâ€Angiotensinâ€Aldosterone System and Kidney Injury. FASEB Journal, 2022, 36, .	0.2	0

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145	Application of Scanning Ion Conductance Microscopy in the Studies of Podocytes Morphological Changes. FASEB Journal, 2022, 36, .	0.2	0
146	Loss of Clcn6 Alters Expression of Nearby Regulatory Blood Pressure Genes but Does Not Affect High Salt Induced Mortality in Dahl Saltâ€Sensitive Rats. FASEB Journal, 2022, 36, .	0.2	0
147	Effect of SGLT2 Inhibition on the Development of Saltâ€sensitive Hypertension, RAAS, and Sodium Channels and Transporters in Dahl SS Rats. FASEB Journal, 2022, 36, .	0.2	0
148	Therapeutic effects of Lâ€lysine in Dahl SS rats, a Model of Saltâ€Induced Hypertension. FASEB Journal, 2022, 36, .	0.2	0
149	Acute and Chronic Effects of Seizures on Cardiorespiratory Control in the SS ^{Kcnj16â€/â€} Rat. FASEB Journal, 2022, 36, .	0.2	0
150	Pathophysiological role of NNAT in ER+ breast cancer. FASEB Journal, 2022, 36, .	0.2	0
151	Unfulfilled Expectations Open New Horizons: What Have We Learned about Volume-Regulated Anion Channels in the Kidney?. Journal of the American Society of Nephrology: JASN, 2022, 33, ASN.2022050588.	3.0	0