Shizuko Nagao

List of Publications by Year
in descending order

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60 papers	2,538 citations	257450 24 h-index	189892 50 g-index
60 all docs	60 docs citations	60 times ranked	2336 citing authors

#	Article	IF	Citations
1	Novel 3D capsule device to restrict kidney volume expansion on polycystic kidney progression: feasibility study in a rat model. Journal of Nephrology, 2022, 35, 1033-1040.	2.0	2
2	Rotavirus incapable of NSP6 expression can cause diarrhea in suckling mice. Journal of General Virology, 2022, 103, .	2.9	2
3	Strategy for generation of replicationâ€“competent recombinant rotaviruses expressing multiple foreign genes. Journal of General Virology, 2021, 102, .	2.9	6
4	High Levels of Dietary Lard or Sucrose May Aggravate Lysosomal Renal Injury in Non-Obese, Streptozotocin-Injected CD-1 Mice Provided Isocaloric Diets. Journal of Nutritional Science and Vitaminology, 2021, 67, 243-248.	0.6	1
5	A new murine ileostomy model: recycling stool prevents intestinal atrophy in the distal side of ileostomy.. , 2021, 7, 41-49.		1
6	Gut microbiome-derived phenyl sulfate contributes to albuminuria in diabetic kidney disease. Nature Communications, 2019, 10, 1835.	12.8	173
7	Increased salt intake does not worsen the progression of renal cystic disease in high water-loaded PCK rats. PLoS ONE, 2019, 14, e0207461.	2.5	2
8	Mitochondrial Abnormality Facilitates Cyst Formation in Autosomal Dominant Polycystic Kidney Disease. Molecular and Cellular Biology, 2017, 37, .	2.3	98
9	Distinct oxylipin alterations in diverse models of cystic kidney diseases. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1562-1574.	2.4	29
10	Aberrant Smad3 phosphoisoforms in cyst-lining epithelial cells in thecpkmouse, a model of autosomal recessive polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2017, 313, F1223-F1231.	2.7	10
11	[P2â€“042]: EXTRACORPOREAL BLOOD Aî² REMOVAL SYSTEM (EBARS) REDUCED SOLUBLE Aî² IN THE BRAIN BY TRIGGERING INFLUX INTO THE BLOOD: RAT STUDIES. Alzheimer's and Dementia, 2017, 13, P620.	0.8	5
12	Beneficial effect of combined treatment with octreotide and pasireotide in PCK rats, an orthologous model of human autosomal recessive polycystic kidney disease. PLoS ONE, 2017, 12, e0177934.	2.5	15
13	Dietary flax oil rich in Î±-linolenic acid reduces renal disease and oxylipin abnormalities, including formation of docosahexaenoic acid derived oxylipins in the CD1-pcy/pcy mouse model of nephronophthisis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 94, 83-89.	2.2	10
14	Cyclooxygenase product inhibition with acetylsalicylic acid slows disease progression in the Han:SPRD-Cy rat model of polycystic kidney disease. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 19-25.	1.9	18
15	Renal Cyclooxygenase Products are Higher and Lipoxygenase Products are Lower in Early Disease in the pcy Mouse Model of Adolescent Nephronophthisis. Lipids, 2014, 49, 39-47.	1.7	10
16	Pelvic axis-based gait analysis for ataxic mice. Journal of Neuroscience Methods, 2013, 219, 162-168.	2.5	4
17	Telmisartan Ameliorates Fibrocystic Liver Disease in an Orthologous Rat Model of Human Autosomal Recessive Polycystic Kidney Disease. PLoS ONE, 2013, 8, e81480.	2.5	23
18	Global Gene Expression Profiling in PPAR-Î³Agonist-Treated Kidneys in an Orthologous Rat Model of Human Autosomal Recessive Polycystic Kidney Disease. PPAR Research, 2012, 2012, 1-10.	2.4	11

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19	Structure and Function of the Pancreas in the Polycystic Kidney Rat. Pancreas, 2012, 41, 1292-1298.	1.1	2
20	Animal Models for Human Polycystic Kidney Disease. Experimental Animals, 2012, 61, 477-488.	1.1	67
21	Stimulation-Dependent Intraspinal Microtubules and Synaptic Failure in Alzheimer's Disease: A Review. International Journal of Alzheimer's Disease, 2012, 2012, 1-7.	2.0	4
22	Identification of a novel biomarker gene set with sensitivity and specificity for distinguishing between allograft rejection and tolerance. Liver Transplantation, 2012, 18, 444-454.	2.4	43
23	PPAR-Î³ Agonists in Polycystic Kidney Disease with Frequent Development of Cardiovascular Disorders. Current Molecular Pharmacology, 2012, 5, 292-300.	1.5	19
24	Metabolomic profiling of the autosomal dominant polycystic kidney disease rat model. Clinical and Experimental Nephrology, 2011, 15, 676-687.	1.6	24
25	Phosphate overload induces podocyte injury via type III Na-dependent phosphate transporter. American Journal of Physiology - Renal Physiology, 2011, 300, F848-F856.	2.7	30
26	Global gene expression profiling in early-stage polycystic kidney disease in the Han:SPRD Cy rat identifies a role for RXR signaling. American Journal of Physiology - Renal Physiology, 2011, 300, F177-F188.	2.7	16
27	Epithelial-to-mesenchymal transition in cyst lining epithelial cells in an orthologous PCK rat model of autosomal-recessive polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2011, 300, F511-F520.	2.7	44
28	PPAR-Î³ agonist ameliorates kidney and liver disease in an orthologous rat model of human autosomal recessive polycystic kidney disease. American Journal of Physiology - Renal Physiology, 2011, 300, F465-F474.	2.7	80
29	Effects of transgenic Pit-1 overexpression on calcium phosphate and bone metabolism. Journal of Bone and Mineral Metabolism, 2010, 28, 139-148.	2.7	32
30	Polycystic kidney disease in Han:SPRD Cy rats is associated with elevated expression and mislocalization of SamCystin. American Journal of Physiology - Renal Physiology, 2010, 299, F1078-F1086.	2.7	23
31	Availability of subfertile transgenic rats expressing the c-myc gene as recipients for spermatogonial transplantation. Transgenic Research, 2009, 18, 135-141.	2.4	3
32	Calcium channel inhibition accelerates polycystic kidney disease progression in the Cy/+ rat. Kidney International, 2008, 73, 269-277.	5.2	72
33	Vasopressin Stimulates Na-dependent Phosphate Transport and Calcification in Rat Aortic Smooth Muscle Cells. Endocrine Journal, 2007, 54, 103-112.	1.6	17
34	Increased Water Intake Decreases Progression of Polycystic Kidney Disease in the PCK Rat. Journal of the American Society of Nephrology: JASN, 2006, 17, 2220-2227.	6.1	207
35	Androgen Receptor Pathway in Rats with Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2005, 16, 2052-2062.	6.1	27
36	Cyclic AMP activates B-Raf and ERK in cyst epithelial cells from autosomal-dominant polycystic kidneys. Kidney International, 2003, 63, 1983-1994.	5.2	291

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37	Renal activation of extracellular signal-regulated kinase in rats with autosomal-dominant polycystic kidney disease. Kidney International, 2003, 63, 427-437.	5.2	95
38	The Effects of Antihypertensive Agents on the Survival Rate of Polycystic Kideney Disease in Han: SPRD Rats.. Hypertension Research, 2002, 25, 939-943.	2.7	5
39	Increased renal expression of monocyte chemoattractant protein-1 and osteopontin in ADPKD in rats. Kidney International, 2001, 60, 2087-2096.	5.2	87
40	Progressive renal fibrosis in murine polycystic kidney disease: An immunohistochemical observation. Kidney International, 2000, 58, 587-597.	5.2	143
41	cAMP stimulates the in vitro proliferation of renal cyst epithelial cells by activating the extracellular signal-regulated kinase pathway. Kidney International, 2000, 57, 1460-1471.	5.2	308
42	Effect of probucol in a murine model of slowly progressive polycystic kidney disease. American Journal of Kidney Diseases, 2000, 35, 221-226.	1.9	23
43	Closely linked polymorphic markers for determining the autosomal dominant allele (Cy) in rat polycystic kidney disease. Biochemical Genetics, 1999, 37, 227-235.	1.7	9
44	Renal Carbonic Anhydrase Activity in DBA/2FG-pcy/pcy Mice with Inherited Polycystic Kidney Disease.. Experimental Animals, 1999, 48, 161-169.	1.1	8
45	The effect of paclitaxel on the progression of polycystic kidney disease in rodents. American Journal of Kidney Diseases, 1997, 29, 435-444.	1.9	19
46	Renal accumulation and excretion of cyclic adenosine monophosphate in a murine model of slowly progressive polycystic kidney disease. American Journal of Kidney Diseases, 1997, 30, 703-709.	1.9	124
47	Genetic regulation of slowly progressing mild muscle atrophy in fast-twitch muscles of BUF/Mna rats. , 1997, 20, 1258-1263.		6
48	Genetic mapping of the polycystic kidney gene,pcy, on mouse chromosome 9. Biochemical Genetics, 1995, 33, 401-412.	1.7	7
49	Altered Extracellular Matrix Component Gene Expression in Murine Polycystic Kidney. Kidney and Blood Pressure Research, 1995, 18, 73-80.	2.0	12
50	Cell proliferation and advancement of hepatocarcinogenesis in the rat are associated with a decrease in connexin 32 expression. Carcinogenesis, 1995, 16, 101-105.	2.8	43
51	Cyst fluid from a murine model of polycystic kidney disease stimulates fluid secretion, cyclic adenosine monophosphate accumulation, and cell proliferation by Madin-Darby canine kidney cells in vitro. American Journal of Kidney Diseases, 1995, 25, 471-477.	1.9	28
52	Methylprednisolone retards the progression of inherited polycystic kidney disease in rodents. American Journal of Kidney Diseases, 1995, 25, 302-313.	1.9	74
53	Specific Changes in the Basement Membrane of the Proximal Tubules in the Murine Polycystic Kidney Detected by the Novel Anti-basement Membrane Monoclonal Antibody D28. Experimental Animals, 1994, 43, 511-519.	1.1	0
54	Number of Simultaneously Expressed Enzyme Alterations Correlates with Progression of N-Ethyl-N-hydroxyethylnitrosamine-induced Hepatocarcinogenesis in Rats. Japanese Journal of Cancer Research, 1993, 84, 1237-1244.	1.7	15

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55	Decreased Dimethylnitrosamine-induced O6- and N7-Methyldeoxyguanosine Levels Correlate with Development and Progression of Lesions in Rat Hepatocarcinogenesis. Japanese Journal of Cancer Research, 1993, 84, 1245-1251.	1.7	8
56	Strain Difference in Expression of the Adult-type Polycystic Kidney Disease Gene, <I>pcy</I>, in the Mouse. Experimental Animals, 1991, 40, 45-53.	1.1	28
57	Linkage Analysis of Two Murine Polycystic Kidney Disease Genes, <I>pcy</I> and <I>cpk</I>. Experimental Animals, 1991, 40, 557-560.	1.1	2
58	Isolation and Culture of Panning Methodâ€enriched Langerhans Cells from Dispaseâ€dissociated Epidermal Cells of the Mouse. Journal of Dermatology, 1990, 17, 211-217.	1.2	21
59	Effect of Systemic and Topical Application of Testosterone Propionate on the Density of Epidermal Langerhans Cells in the Mouse. Journal of Investigative Dermatology, 1989, 92, 86-90.	0.7	18
60	Sex Differences in the Densities of Epidermal Langerhans Cells of the Mouse. Journal of Investigative Dermatology, 1987, 88, 541-544.	0.7	34