Toshiaki Monkawa

List of Publications by Year
in descending order

54 papers	2,784 citations	159585 30 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	2901 citing authors

#	Article	IF	Citations
1	DNA repair factor KAT5 prevents ischemic acute kidney injury through glomerular filtration regulation. IScience, 2021, 24, 103436.	4.1	4
2	Induction of human pluripotent stem cells into kidney tissues by synthetic mRNAs encoding transcription factors. Scientific Reports, 2019, 9, 913.	3.3	40
3	Generation of kidney tubular organoids from human pluripotent stem cells. Scientific Reports, 2016, 6, 38353.	3.3	36
4	Immunoadsorption therapy for dilated cardiomyopathy using tryptophan columnâ€"A prospective, multicenter, randomized, withinâ€patient and parallelâ€group comparative study to evaluate efficacy and safety. Journal of Clinical Apheresis, 2016, 31, 535-544.	1.3	22
5	miR-363 induces transdifferentiation of human kidney tubular cells to mesenchymal phenotype. Clinical and Experimental Nephrology, 2016, 20, 394-401.	1.6	9
6	A case of severe osteomalacia caused by Tubulointerstitial nephritis with Fanconi syndrome in asymptomotic primary biliary cirrhosis. BMC Nephrology, 2015, 16, 187.	1.8	19
7	miR-34c attenuates epithelial-mesenchymal transition and kidney fibrosis with ureteral obstruction. Scientific Reports, 2014, 4, 4578.	3.3	54
8	Kidney Specific Protein-Positive Cells Derived from Embryonic Stem Cells Reproduce Tubular Structures In Vitro and Differentiate into Renal Tubular Cells. PLoS ONE, 2013, 8, e64843.	2.5	42
9	A Novel Compound Heterozygous Mutation of Gitelman's Syndrome in Japan, as Diagnosed by an Extraordinary Response of the Fractional Excretion Rate of Chloride in the Trichlormethiazide Loading Test. Internal Medicine, 2012, 51, 1549-1553.	0.7	3
10	Selective depletion of mouse kidney proximal straight tubule cells causes acute kidney injury. Transgenic Research, 2012, 21, 51-62.	2.4	24
11	The role of microRNA-145 in human embryonic stem cell differentiation into vascular cells. Atherosclerosis, 2011, 219, 468-474.	0.8	57
12	Renal amyloidosis caused by apolipoprotein A-II without a genetic mutation in the coding sequence. Clinical and Experimental Nephrology, 2011, 15, 774-779.	1.6	11
13	Specific immunoadsorption therapy using a tryptophan column in patients with refractory heart failure due to dilated cardiomyopathy. Journal of Clinical Apheresis, 2011, 26, 1-8.	1.3	30
14	Complete Elimination of Cardiodepressant IgG3 Autoantibodies by Immunoadsorption in Patients With Severe Heart Failure. Circulation Journal, 2010, 74, 1372-1378.	1.6	37
15	Fibroblast Expression of an IÎºB Dominant-Negative Transgene Attenuates Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2010, 21, 2047-2052.	6.1	44
16	Specific Immunoadsorption Therapy Using a New Tryptophan Column for Patients With Advanced Heart Failure Due to Dilated Cardiomyopathy. Journal of Cardiac Failure, 2010, 16, S141.	1.7	0
17	Heart failure causes cholinergic transdifferentiation of cardiac sympathetic nerves via gp130-signaling cytokines in rodents. Journal of Clinical Investigation, 2010, 120, 408-421.	8.2	128
18	Specific Immunoadsorption Therapy Using a New Tryptophan Column in Patients With Refractory Heart Failure Due to Dilated Cardiomyopathy. Journal of Cardiac Failure, 2009, 15, S145.	1.7	0

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19	Differentiation of murine embryonic stem and induced pluripotent stem cells to renal lineage in vitro. Biochemical and Biophysical Research Communications, 2009, 390, 1334-1339.	2.1	99
20	Cardiac-specific autoantibodies as a therapeutic target for refractory heart failure due to dilated cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2008, 45, S7.	1.9	0
21	Short-term experience of immunoadsorption therapy for refractory heart failure due to dilated cardiomyopathy. Journal of Cardiac Failure, 2008, 14, S148.	1.7	1
22	Snail1 is involved in the renal epithelialâ€“mesenchymal transition. Biochemical and Biophysical Research Communications, 2007, 362, 63-68.	2.1	72
23	Microarray analysis of a reversible model and an irreversible model of anti-Thy-1 nephritis. Kidney International, 2006, 69, 996-1004.	5.2	18
24	The Cyclin-Dependent Kinase Inhibitor p21 Limits Murine Mesangial Proliferative Glomerulonephritis. Nephron Experimental Nephrology, 2006, 102, e8-e18.	2.2	12
25	Search for genes expressed during progression and recovery in the diseased kidney. Kidney International, 2005, 68, 1969-1970.	5.2	1
26	Spironolactone in Combination with Cilazapril Ameliorates Proteinuria and Renal Interstitial Fibrosis in Rats with Anti-Thy-1 Irreversible Nephritis. Hypertension Research, 2004, 27, 971-978.	2.7	28
27	Comparison of the effects of calcitriol and maxacalcitol on secondary hyperparathyroidism in patients on chronic haemodialysis: a randomized prospective multicentre trial. Nephrology Dialysis Transplantation, 2004, 19, 2067-2073.	0.7	33
28	Expression of the Na+/H+ exchanger regulatory protein family in genetically hypertensive rats. Journal of Hypertension, 2004, 22, 1723-1730.	0.5	28
29	Leukemia Inhibitory Factor Is Involved in Tubular Regeneration after Experimental Acute Renal Failure. Journal of the American Society of Nephrology: JASN, 2003, 14, 3090-3101.	6.1	56
30	The Hypertrophic Effect of Transforming Growth Factor-Î² is Reduced in the Absence of Cyclin-Dependent Kinase-Inhibitors p21 and p27. Journal of the American Society of Nephrology: JASN, 2002, 13, 1172-1178.	6.1	72
31	Insulin is a potent survival factor in mesangial cells: Role of the PI3-kinase/Akt pathway. Kidney International, 2002, 61, 1312-1321.	5.2	30
32	Podocyte expression of the CDK-inhibitor p57 during development and disease. Kidney International, 2001, 60, 2235-2246.	5.2	85
33	A New Member of the HCO <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif"><mml:msubsup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mrow><mml:mo>â^’</mml:mo></mml:mrow></mml:msubsup></mml:math> Superfamily Is an Apical Anion Exchanger of Î²-Intercalated Cells in the Kidney. Journal of Biological Chemistry, 2001, 276, 8180-8189.	3.6	119
34	Dietary Phosphorus Deprivation Induces 25-Hydroxyvitamin D₃1Î±-Hydroxylase Gene Expression¹. Endocrinology, 2001, 142, 1720-1726.	2.8	68
35	Dietary Phosphorus Deprivation Induces 25-Hydroxyvitamin D3 1Â-Hydroxylase Gene Expression. Endocrinology, 2001, 142, 1720-1726.	2.8	14
36	Identification of 25-hydroxyvitamin D3 1Î±-hydroxylase gene expression in macrophages. Kidney International, 2000, 58, 559-568.	5.2	105

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37	Cell-Specific Expression of the IP₃ Receptor Gene Family in the Kidney. Nephron Experimental Nephrology, 2000, 8, 215-218.	2.2	6
38	Novel Mutations in Thiazide-Sensitive Na-Cl Cotransporter Gene of Patients with Gitelman's Syndrome. Journal of the American Society of Nephrology: JASN, 2000, 11, 65-70.	6.1	69
39	Intracellular Calcium Concentration in the Inositol Trisphosphate Receptor Type 1 Knockout Mouse. Journal of the American Society of Nephrology: JASN, 1999, 10, 2094-2101.	6.1	11
40	Calcitonin Induces 25-Hydroxyvitamin D3 1Î±-Hydroxylase mRNA Expression via Protein Kinase C Pathway in LLC-PK1 Cells. Journal of the American Society of Nephrology: JASN, 1999, 10, 2474-2479.	6.1	31
41	Cloning of Porcine 25-Hydroxyvitamin D3 1Î±-Hydroxylase and Its Regulation by cAMP in LLC-PK1 Cells. Journal of the American Society of Nephrology: JASN, 1999, 10, 963-970.	6.1	20
42	Two novel 1Î±-hydroxylase mutations in French-Canadians with vitamin D dependency rickets type I111See Editorial by Portale and Miller, p. 1762.. Kidney International, 1998, 54, 1437-1443.	5.2	82
43	Localization of inositol 1,4,5-trisphosphate receptors in the rat kidney. Kidney International, 1998, 53, 296-301.	5.2	33
44	Serum leptin concentrations in patients with thyroid disorders. Clinical Endocrinology, 1998, 48, 299-302.	2.4	56
45	Expression and Localization of the Water Channels in Human Autosomal Dominant Polycystic Kidney Disease. Nephron, 1997, 75, 321-326.	0.6	21
46	Regulation of Expression of Leptin mRNA and Secretion of Leptin by Thyroid Hormone in 3T3-L1 Adipocytes. Biochemical and Biophysical Research Communications, 1997, 232, 822-826.	2.1	85
47	Molecular Cloning of cDNA and Genomic DNA for Human 25-hydroxyvitamin D31Î±-hydroxylase. Biochemical and Biophysical Research Communications, 1997, 239, 527-533.	2.1	172
48	Mutational Analysis of the Ligand Binding Site of the Inositol 1,4,5-Trisphosphate Receptor. Journal of Biological Chemistry, 1996, 271, 18277-18284.	3.4	220
49	Regulation of obese mRNA expression by hormonal factors in primary cultures of rat adipocytes. European Journal of Endocrinology, 1996, 135, 619-625.	3.7	35
50	Role of Vasopressin V2 Receptor in Acute Regulation of Aquaporin-2. Kidney and Blood Pressure Research, 1996, 19, 32-37.	2.0	31
51	Na⁺/H⁺ Exchanger (NHE) 3 Activity and Gene in Spontaneously Hypertensive Rats (SHR). International Heart Journal, 1996, 37, 569-569.	0.6	0
52	Heterotetrameric Complex Formation of Inositol 1,4,5-Trisphosphate Receptor Subunits. Journal of Biological Chemistry, 1995, 270, 14700-14704.	3.4	208
53	Cloning and expression of a protein kinase C-regulated chloride channel abundantly expressed in rat brain neuronal cells. Neuron, 1994, 12, 597-604.	8.1	219
54	Monoclonal antibodies distinctively recognizing the subtypes of inositol 1,4,5-trisphosphate receptor: Application to the studies on inflammatory cells. FEBS Letters, 1994, 354, 149-154.	2.8	84