

# Keiichi Hishikawa

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

3,230  
citations

31  
h-index

56  
g-index

59  
ext. papers

3,441  
ext. citations

8  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
52	High glucose increases nitric oxide synthase expression and superoxide anion generation in human aortic endothelial cells. <i>Circulation</i> , <b>1997</b> , 96, 25-8	16.7	528
51	Inhibition of histone deacetylase activity suppresses epithelial-to-mesenchymal transition induced by TGF-beta1 in human renal epithelial cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 58-65	12.7	172
50	Caffeic acid phenethyl ester induces apoptosis by inhibition of NFkappaB and activation of Fas in human breast cancer MCF-7 cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 6017-26	5.4	169
49	Pulsatile stretch stimulates superoxide production and activates nuclear factor-kappa B in human coronary smooth muscle. <i>Circulation Research</i> , <b>1997</b> , 81, 797-803	15.7	136
48	Connective tissue growth factor induces apoptosis in human breast cancer cell line MCF-7. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 37461-6	5.4	123
47	Pulsatile stretch stimulates superoxide production in human aortic endothelial cells. <i>Circulation</i> , <b>1997</b> , 96, 3610-6	16.7	119
46	L-arginine-induced hypotension. <i>Lancet, The</i> , <b>1990</b> , 336, 696	4.0	114
45	Histone deacetylase modulates the proinflammatory and -fibrotic changes in tubulointerstitial injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 298, F133-41	4.3	111
44	Musculin/MyoR is expressed in kidney side population cells and can regulate their function. <i>Journal of Cell Biology</i> , <b>2005</b> , 169, 921-8	7.3	110
43	Static pressure regulates connective tissue growth factor expression in human mesangial cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16797-803	5.4	88
42	Intrarenal injection of bone marrow-derived angiogenic cells reduces endothelial injury and mesangial cell activation in experimental glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 997-1004	12.7	82
41	Overexpression of connective tissue growth factor gene induces apoptosis in human aortic smooth muscle cells. <i>Circulation</i> , <b>1999</b> , 100, 2108-12	16.7	81
40	Lactoferrin Suppresses Neutrophil Extracellular Traps Release in Inflammation. <i>EBioMedicine</i> , <b>2016</b> , 10, 204-15	8.8	81
39	Epigenetic regulation of BMP7 in the regenerative response to ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2008</b> , 19, 1311-20	12.7	78
38	Effect of systemic L-arginine administration on hemodynamics and nitric oxide release in man. <i>International Heart Journal</i> , <b>1992</b> , 33, 41-8		77
37	Oral flavonoid supplementation attenuates atherosclerosis development in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 442-6	9.4	70
36	Role of L-arginine-nitric oxide pathway in hypertension. <i>Journal of Hypertension</i> , <b>1993</b> , 11, 639-45	1.9	65

35	Connective tissue growth factor induces apoptosis via caspase 3 in cultured human aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>2000</b> , 392, 19-22	5.3	64
34	Cyclosporin A inhibits nitric oxide synthase induction in vascular smooth muscle cells. <i>Hypertension</i> , <b>1995</b> , 25, 764-8	8.5	64
33	Diabetes Induces Aberrant DNA Methylation in the Proximal Tubules of the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2388-97	12.7	61
32	Mac-1 (CD11b/CD18) links inflammation and thrombosis after glomerular injury. <i>Circulation</i> , <b>2009</b> , 120, 1255-65	16.7	61
31	Gene expression profile of human mesenchymal stem cells during osteogenesis in three-dimensional thermoreversible gelation polymer. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 317, 1103-7	3.4	60
30	Transmural pressure inhibits nitric oxide release from human endothelial cells. <i>European Journal of Pharmacology</i> , <b>1992</b> , 215, 329-31	5.3	56
29	Increases in NO <sub>2</sub> -/NO <sub>3</sub> - excretion in the urine as an indicator of the release of endothelium-derived relaxing factor during elevation of blood pressure. <i>Clinical Science</i> , <b>1992</b> , 82, 631-4	6.5	55
28	Inhibition of histone deacetylase activates side population cells in kidney and partially reverses chronic renal injury. <i>Stem Cells</i> , <b>2007</b> , 25, 2469-75	5.8	49
27	Aldosterone impairs bone marrow-derived progenitor cell formation. <i>Hypertension</i> , <b>2006</b> , 48, 490-6	8.5	46
26	NF-kappaB-dependent increase in intrarenal angiotensin II induced by proteinuria. <i>Kidney International</i> , <b>2005</b> , 68, 464-73	9.9	44
25	Transforming growth factor-beta(1) induces apoptosis via connective tissue growth factor in human aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>1999</b> , 385, 287-90	5.3	44
24	Tranilast inhibits interleukin-1beta-induced monocyte chemoattractant protein-1 expression in rat mesangial cells. <i>European Journal of Pharmacology</i> , <b>2001</b> , 427, 151-8	5.3	43
23	Isolation and potential existence of side population cells in adult human kidney. <i>International Journal of Urology</i> , <b>2008</b> , 15, 272-4	2.3	35
22	Trichostatin a prevents TGF-beta1-induced apoptosis by inhibiting ERK activation in human renal tubular epithelial cells. <i>European Journal of Pharmacology</i> , <b>2010</b> , 642, 28-36	5.3	34
21	The role of NF- <b>B</b> signaling in the maintenance of pluripotency of human induced pluripotent stem cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e56399	3.7	28
20	Overexpression of truncated I kappa B alpha potentiates TNF-alpha-induced apoptosis in mesangial cells. <i>Kidney International</i> , <b>2000</b> , 57, 959-68	9.9	28
19	Endothelin-1 inhibits induction of nitric oxide synthase and GTP cyclohydrolase I in rat mesangial cells. <i>Pharmacology</i> , <b>1996</b> , 53, 241-9	2.3	27
18	L-arginine-induced hypotension. <i>Lancet, The</i> , <b>1991</b> , 337, 683-4	4.0	26

17	Leukemia inhibitory factor induces multi-lineage differentiation of adult stem-like cells in kidney via kidney-specific cadherin 16. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 328, 288-91 <sup>3,4</sup>	24
16	Felodipine inhibits free-radical production by cytokines and glucose in human smooth muscle cells. <i>Hypertension</i> , <b>1998</b> , 32, 1011-5	8.5 23
15	Roles and regulation of bone morphogenetic protein-7 in kidney development and diseases. <i>World Journal of Stem Cells</i> , <b>2016</b> , 8, 288-96	5.6 23
14	Tranilast restores cytokine-induced nitric oxide production against platelet-derived growth factor in vascular smooth muscle cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>1996</b> , 28, 200-7	3.1 21
13	Stem cells and kidney disease. <i>Hypertension Research</i> , <b>2006</b> , 29, 745-9	4.7 18
12	Immunomodulation with eicosapentaenoic acid supports the treatment of autoimmune small-vessel vasculitis. <i>Scientific Reports</i> , <b>2014</b> , 4, 6406	4.9 12
11	Adult stem-like cells in kidney. <i>World Journal of Stem Cells</i> , <b>2015</b> , 7, 490-4	5.6 12
10	Tranilast inhibits the effects of platelet-derived growth factor on cell proliferation and induction of nitric oxide. <i>European Journal of Pharmacology</i> , <b>1995</b> , 291, 435-8	11
9	Eicosapentaenoic acid regulates <b>IB</b> and prevents tubulointerstitial injury in kidney. <i>European Journal of Pharmacology</i> , <b>2011</b> , 669, 128-35	5.3 10
8	<b>GADD45</b> Determines Chemoresistance and Invasive Growth of Side Population Cells of Human Embryonic Carcinoma. <i>Stem Cells International</i> , <b>2010</b> , 2010, 782967	5 8
7	<b>NF-kappaB</b> -dependent genes induced by proteinuria and identified using DNA microarrays. <i>Clinical and Experimental Nephrology</i> , <b>2008</b> , 12, 181-8	2.5 8
6	New method of investigating functional roles of pressure-sensitive mechanoreceptor in human endothelial cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>1992</b> , 20 Suppl 12, S66-7	3.1 7
5	Basic helix-loop-helix transcriptional factor MyoR regulates BMP-7 in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, F1159-66	4.3 6
4	Angiotensin II type 1 receptor blockade prevents decrease in adult stem-like cells in kidney after ureteral obstruction. <i>European Journal of Pharmacology</i> , <b>2007</b> , 573, 216-20	5.3 5
3	Aspirin and Eicosapentaenoic Acid May Arrest Progressive IgA Nephropathy: A Potential Alternative to Immunosuppression. <i>Internal Medicine</i> , <b>2015</b> , 54, 2377-82	1.1 4
2	Endothelin ET(A) receptor antagonist reverses the inhibitory effect of platelet-derived growth factor on cytokine-induced nitric oxide production. <i>European Journal of Pharmacology</i> , <b>1999</b> , 365, 119-23 <sup>5,3</sup>	3
1	<b>NF-B</b> as a Therapeutic Target for Cardiovascular Disease. <i>Cardiology</i> , <b>2002</b> , 2, 303-311	2