

# Keiichi Hishikawa

## List of Publications by Year in descending order

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53  
papers

3,799  
citations

136740

32  
h-index

161609

54  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4384  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Glucose Increases Nitric Oxide Synthase Expression and Superoxide Anion Generation in Human Aortic Endothelial Cells. <i>Circulation</i> , 1997, 96, 25-28.	1.6	624
2	Caffeic Acid Phenethyl Ester Induces Apoptosis by Inhibition of NF $\kappa$ B and Activation of Fas in Human Breast Cancer MCF-7 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 6017-6026.	1.6	194
3	Inhibition of Histone Deacetylase Activity Suppresses Epithelial-to-Mesenchymal Transition Induced by TGF- $\beta$ 1 in Human Renal Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 58-65.	3.0	189
4	Pulsatile Stretch Stimulates Superoxide Production and Activates Nuclear Factor- $\kappa$ B in Human Coronary Smooth Muscle. <i>Circulation Research</i> , 1997, 81, 797-803.	2.0	157
5	L-arginine-induced hypotension. <i>Lancet, The</i> , 1990, 336, 696.	6.3	152
6	Connective Tissue Growth Factor Induces Apoptosis in Human Breast Cancer Cell Line MCF-7. <i>Journal of Biological Chemistry</i> , 1999, 274, 37461-37466.	1.6	147
7	Pulsatile Stretch Stimulates Superoxide Production in Human Aortic Endothelial Cells. <i>Circulation</i> , 1997, 96, 3610-3616.	1.6	141
8	Lactoferrin Suppresses Neutrophil Extracellular Traps Release in Inflammation. <i>EBioMedicine</i> , 2016, 10, 204-215.	2.7	131
9	Histone deacetylase modulates the proinflammatory and -fibrotic changes in tubulointerstitial injury. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F133-F141.	1.3	123
10	Musculin/MyoR is expressed in kidney side population cells and can regulate their function. <i>Journal of Cell Biology</i> , 2005, 169, 921-928.	2.3	121
11	Static Pressure Regulates Connective Tissue Growth Factor Expression in Human Mesangial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 16797-16803.	1.6	98
12	Effect of Systemic L-Arginine Administration on Hemodynamics and Nitric Oxide Release in Man.. <i>International Heart Journal</i> , 1992, 33, 41-48.	0.6	96
13	Diabetes Induces Aberrant DNA Methylation in the Proximal Tubules of the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2388-2397.	3.0	96
14	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> , 2005, 16, 997-1004.	3.0	93
15	Overexpression of Connective Tissue Growth Factor Gene Induces Apoptosis in Human Aortic Smooth Muscle Cells. <i>Circulation</i> , 1999, 100, 2108-2112.	1.6	88
16	Epigenetic Regulation of BMP7 in the Regenerative Response to Ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1311-1320.	3.0	86
17	Role of L-arginine-nitric oxide pathway in hypertension. <i>Journal of Hypertension</i> , 1993, 11, 639-645.	0.3	80
18	Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells. <i>Hypertension</i> , 1995, 25, 764-768.	1.3	79

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19	Oral Flavonoid Supplementation Attenuates Atherosclerosis Development in Apolipoprotein Eâ€œDeficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 442-446.	1.1	77
20	Mac-1 (CD11b/CD18) Links Inflammation and Thrombosis After Glomerular Injury. <i>Circulation</i> , 2009, 120, 1255-1265.	1.6	77
21	Connective tissue growth factor induces apoptosis via caspase 3 in cultured human aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , 2000, 392, 19-22.	1.7	73
22	Gene expression profile of human mesenchymal stem cells during osteogenesis in three-dimensional thermoreversible gelation polymer. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1103-1107.	1.0	70
23	Transmural pressure inhibits nitric oxide release from human endothelial cells. <i>European Journal of Pharmacology</i> , 1992, 215, 329-331.	1.7	67
24	Increases in NO <sub>2</sub> <sup>-</sup> /NO <sub>3</sub> <sup>-</sup> excretion in the urine as an indicator of the release of endothelium-derived relaxing factor during elevation of blood pressure. <i>Clinical Science</i> , 1992, 82, 631-634.	1.8	59
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> , 1999, 385, 287-290.	1.7	54
26	Aldosterone Impairs Bone Marrowâ€œDerived Progenitor Cell Formation. <i>Hypertension</i> , 2006, 48, 490-496.	1.3	52
27	NF- $\kappa$ B-dependent increase in intrarenal angiotensin II induced by proteinuria. <i>Kidney International</i> , 2005, 68, 464-473.	2.6	51
28	Inhibition of Histone Deacetylase Activates Side Population Cells in Kidney and Partially Reverses Chronic Renal Injury. <i>Stem Cells</i> , 2007, 25, 2469-2475.	1.4	51
29	Tranilast inhibits interleukin-1 $\beta$ -induced monocyte chemoattractant protein-1 expression in rat mesangial cells. <i>European Journal of Pharmacology</i> , 2001, 427, 151-158.	1.7	47
30	Trichostatin a prevents TGF- $\beta$ 1-induced apoptosis by inhibiting ERK activation in human renal tubular epithelial cells. <i>European Journal of Pharmacology</i> , 2010, 642, 28-36.	1.7	36
31	Isolation and potential existence of side population cells in adult human kidney. <i>International Journal of Urology</i> , 2008, 15, 272-274.	0.5	35
32	The Role of NF- $\kappa$ B Signaling in the Maintenance of Pluripotency of Human Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2013, 8, e56399.	1.1	34
33	Overexpression of truncated I $\beta$ 1 potentiates TNF- $\alpha$ -induced apoptosis in mesangial cells. <i>Kidney International</i> , 2000, 57, 959-968.	2.6	33
34	L-arginine-induced hypotension. <i>Lancet, The</i> , 1991, 337, 683-684.	6.3	29
35	Endothelin-1 Inhibits Induction of Nitric Oxide Synthase and GTP Cyclohydrolase I in Rat Mesangial Cells. <i>Pharmacology</i> , 1996, 53, 241-249.	0.9	28
36	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> , 2005, 328, 288-291.	1.0	27

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37	Roles and regulation of bone morphogenetic protein-7 in kidney development and diseases. <i>World Journal of Stem Cells</i> , 2016, 8, 288.	1.3	27
38	Felodipine Inhibits Free-Radical Production by Cytokines and Glucose in Human Smooth Muscle Cells. <i>Hypertension</i> , 1998, 32, 1011-1015.	1.3	26
39	Stem Cells and Kidney Disease. <i>Hypertension Research</i> , 2006, 29, 745-749.	1.5	26
40	Tranilast Restores Cytokine-Induced Nitric Oxide Production Against Platelet-Derived Growth Factor in Vascular Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 28, 200-207.	0.8	22
41	Immunomodulation with eicosapentaenoic acid supports the treatment of autoimmune small-vessel vasculitis. <i>Scientific Reports</i> , 2014, 4, 6406.	1.6	14
42	Adult stem-like cells in kidney. <i>World Journal of Stem Cells</i> , 2015, 7, 490.	1.3	14
43	Tranilast inhibits the effects of platelet-derived growth factor on cell proliferation and induction of nitric oxide. <i>European Journal of Pharmacology</i> , 1995, 291, 435-438.	2.7	12
44	Eicosapentaenoic acid regulates $\text{NF-}\kappa\text{B}$ and prevents tubulointerstitial injury in kidney. <i>European Journal of Pharmacology</i> , 2011, 669, 128-135.	1.7	11
45	GADD45 determines chemoresistance and invasive growth of side population cells of human embryonic carcinoma. <i>Stem Cells International</i> , 2010, 2010, 1-10.	1.2	9
46	New Method of Investigating Functional Roles of Pressure-Sensitive Mechanoreceptor in Human Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, S66-S67.	0.8	8
47	NF- $\kappa$ B-dependent genes induced by proteinuria and identified using DNA microarrays. <i>Clinical and Experimental Nephrology</i> , 2008, 12, 181-188.	0.7	8
48	Aspirin and Eicosapentaenoic Acid May Arrest Progressive IgA Nephropathy: A Potential Alternative to Immunosuppression. <i>Internal Medicine</i> , 2015, 54, 2377-2382.	0.3	7
49	Basic helix-loop-helix transcriptional factor MyoR regulates BMP-7 in acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1159-F1166.	1.3	6
50	Angiotensin II type 1 receptor blockade prevents decrease in adult stem-like cells in kidney after ureteral obstruction. <i>European Journal of Pharmacology</i> , 2007, 573, 216-220.	1.7	5
51	Endothelin ETA receptor antagonist reverses the inhibitory effect of platelet-derived growth factor on cytokine-induced nitric oxide production. <i>European Journal of Pharmacology</i> , 1999, 365, 119-123.	1.7	3
52	NF- $\kappa$ B as a Therapeutic Target for Cardiovascular Disease. <i>Cardiology</i> , 2002, 2, 303-311.	0.3	2
53	Do we really need "stem" cell for renal regeneration?. <i>Kidney International</i> , 2005, 68, 1966-1967.	2.6	1