

# Sadayoshi Ito

## List of Publications by Citations

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471  
papers

19,961  
citations

71  
h-index

122  
g-index

493  
ext. papers

23,044  
ext. citations

5.1  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
471	The Japanese Society of Hypertension Guidelines for the Management of Hypertension (JSH 2014). <i>Hypertension Research</i> , <b>2014</b> , 37, 253-390	4.7	846
470	Activation of peroxisome proliferator-activated receptor delta induces fatty acid beta-oxidation in skeletal muscle and attenuates metabolic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 15924-9	11.5	699
469	Olmesartan for the delay or prevention of microalbuminuria in type 2 diabetes. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 907-17	59.2	591
468	Home blood pressure measurement has a stronger predictive power for mortality than does screening blood pressure measurement: a population-based observation in Ohasama, Japan. <i>Journal of Hypertension</i> , <b>1998</b> , 16, 971-5	1.9	521
467	The Japanese Society of Hypertension Guidelines for the Management of Hypertension (JSH 2019). <i>Hypertension Research</i> , <b>2019</b> , 42, 1235-1481	4.7	468
466	Estimation of glomerular filtration rate by the MDRD study equation modified for Japanese patients with chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , <b>2007</b> , 11, 41-50	2.5	442
465	The Japanese Society of Hypertension Guidelines for the Management of Hypertension (JSH 2009). <i>Hypertension Research</i> , <b>2009</b> , 32, 3-107	4.7	403
464	LST-2, a human liver-specific organic anion transporter, determines methotrexate sensitivity in gastrointestinal cancers. <i>Gastroenterology</i> , <b>2001</b> , 120, 1689-99	13.3	293
463	Modification of the Modification of Diet in Renal Disease (MDRD) Study equation for Japan. <i>American Journal of Kidney Diseases</i> , <b>2007</b> , 50, 927-37	7.4	290
462	Multinational Assessment of Accuracy of Equations for Predicting Risk of Kidney Failure: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 164-74	27.4	258
461	Target blood pressure for treatment of isolated systolic hypertension in the elderly: valsartan in elderly isolated systolic hypertension study. <i>Hypertension</i> , <b>2010</b> , 56, 196-202	8.5	254
460	Isolation and characterization of a digoxin transporter and its rat homologue expressed in the kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3569-74	11.5	243
459	Prevalence of chronic kidney disease (CKD) in the Japanese general population predicted by the MDRD equation modified by a Japanese coefficient. <i>Clinical and Experimental Nephrology</i> , <b>2007</b> , 11, 156-63	2.5	223
458	Nifedipine controlled-release 40 mg b.i.d. in Japanese patients with essential hypertension who responded insufficiently to nifedipine controlled-release 40 mg q.d.: a phase III, randomized, double-blind and parallel-group study. <i>Hypertension Research</i> , <b>2014</b> , 37, 69-75	4.7	197
457	Role of urotensin II in patients on dialysis. <i>Lancet, The</i> , <b>2001</b> , 358, 810-1	40	190
456	Autoimmune disorders associated with gain of function of the intracellular sensor MDA5. <i>Immunity</i> , <b>2014</b> , 40, 199-212	32.3	184
455	Central pulse pressure and aortic stiffness determine renal hemodynamics: pathophysiological implication for microalbuminuria in hypertension. <i>Hypertension</i> , <b>2011</b> , 58, 839-46	8.5	182

454	Pathological grading for predicting metastasis in pheochromocytoma and paraganglioma. <i>Endocrine-Related Cancer</i> , <b>2014</b> , 21, 405-14	5.7	174
453	Transcriptional suppression of type 1 angiotensin II receptor gene expression by peroxisome proliferator-activated receptor-gamma in vascular smooth muscle cells. <i>Endocrinology</i> , <b>2001</b> , 142, 3125-34	4.8	169
452	Prevention of transition from incipient to overt nephropathy with telmisartan in patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2007</b> , 30, 1577-8	14.6	166
451	Strain vessel hypothesis: a viewpoint for linkage of albuminuria and cerebro-cardiovascular risk. <i>Hypertension Research</i> , <b>2009</b> , 32, 115-21	4.7	163
450	Identification of thyroid hormone transporters in humans: different molecules are involved in a tissue-specific manner. <i>Endocrinology</i> , <b>2001</b> , 142, 2005-12	4.8	156
449	Kidney dysfunction as a risk factor for first symptomatic stroke events in a general Japanese population--the Ohasama study. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 1910-5	4.3	155
448	Nongenomic vascular action of aldosterone in the glomerular microcirculation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14, 2255-63	12.7	152
447	The organic anion transporter (OATP) family. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2004</b> , 19, 171-9	2.2	150
446	Reference values for 24-hour ambulatory blood pressure monitoring based on a prognostic criterion: the Ohasama Study. <i>Hypertension</i> , <b>1998</b> , 32, 255-9	8.5	145
445	The Tohoku Medical Megabank Project: Design and Mission. <i>Journal of Epidemiology</i> , <b>2016</b> , 26, 493-511	3.4	141
444	COUP-TFII acts downstream of Wnt/beta-catenin signal to silence PPARgamma gene expression and repress adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 5819-24	11.5	140
443	Characterization of a mouse cortical collecting duct cell line. <i>Kidney International</i> , <b>1991</b> , 39, 1168-75	9.9	140
442	Alteration of the Intestinal Environment by Lubiprostone Is Associated with Amelioration of Adenine-Induced CKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 1787-94	12.7	127
441	Rationale, study design and implementation of the COLM study: the combination of OLMesartan and calcium channel blocker or diuretic in high-risk elderly hypertensive patients. <i>Hypertension Research</i> , <b>2009</b> , 32, 163-7	4.7	120
440	Increased plasma urotensin II levels in patients with diabetes mellitus. <i>Clinical Science</i> , <b>2003</b> , 104, 1	6.5	120
439	Plasticity of renal erythropoietin-producing cells governs fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 1599-616	12.7	119
438	Crucial roles of Brn1 in distal tubule formation and function in mouse kidney. <i>Development (Cambridge)</i> , <b>2003</b> , 130, 4751-9	6.6	116
437	Angiotensin II type 1 receptor blockers reduce urinary oxidative stress markers in hypertensive diabetic nephropathy. <i>Hypertension</i> , <b>2006</b> , 47, 699-705	8.5	114

436	Change in albuminuria and subsequent risk of end-stage kidney disease: an individual participant-level consortium meta-analysis of observational studies. <i>Lancet Diabetes and Endocrinology</i> , <b>2019</b> , 7, 115-127	18.1	114
435	Immunohistochemistry of a proliferation marker Ki67/MIB1 in adrenocortical carcinomas: Ki67/MIB1 labeling index is a predictor for recurrence of adrenocortical carcinomas. <i>Endocrine Journal</i> , <b>2008</b> , 55, 49-55	2.9	111
434	Characterization of the organic cation transporter SLC22A16: a doxorubicin importer. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 333, 754-62	3.4	110
433	Evaluation of the impact of gut microbiota on uremic solute accumulation by a CE-TOFMS-based metabolomics approach. <i>Kidney International</i> , <b>2017</b> , 92, 634-645	9.9	104
432	Erythropoietin Synthesis in Renal Myofibroblasts Is Restored by Activation of Hypoxia Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 428-38	12.7	100
431	Transcription factor Nrf2 hyperactivation in early-phase renal ischemia-reperfusion injury prevents tubular damage progression. <i>Kidney International</i> , <b>2017</b> , 91, 387-401	9.9	99
430	SLCO4C1 transporter eliminates uremic toxins and attenuates hypertension and renal inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 2546-55	12.7	97
429	Thyroid hormone transporters: recent advances. <i>Trends in Endocrinology and Metabolism</i> , <b>2002</b> , 13, 215-208		96
428	Metabolomic profiling of uremic solutes in CKD patients. <i>Hypertension Research</i> , <b>2010</b> , 33, 944-52	4.7	95
427	Sitagliptin, a dipeptidyl peptidase-4 inhibitor, decreases systolic blood pressure in Japanese hypertensive patients with type 2 diabetes. <i>Tohoku Journal of Experimental Medicine</i> , <b>2011</b> , 223, 133-5	2.4	93
426	Metabolic alterations by indoxyl sulfate in skeletal muscle induce uremic sarcopenia in chronic kidney disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 36618	4.9	88
425	Cellular and Genetic Causes of Idiopathic Hyperaldosteronism. <i>Hypertension</i> , <b>2018</b> , 72, 874-880	8.5	87
424	Localization of aldosterone-producing adrenocortical adenomas: significance of adrenal venous sampling. <i>Hypertension Research</i> , <b>2007</b> , 30, 1083-95	4.7	86
423	All-trans retinoic acid induces in vitro angiogenesis via retinoic acid receptor: possible involvement of paracrine effects of endogenous vascular endothelial growth factor signaling. <i>Endocrinology</i> , <b>2007</b> , 148, 1412-23	4.8	85
422	Elevated plasma levels of immunoreactive urotensin II and its increased urinary excretion in patients with Type 2 diabetes mellitus: association with progress of diabetic nephropathy. <i>Peptides</i> , <b>2004</b> , 25, 1809-14	3.8	85
421	Characteristics of blood pressure measured at home in the morning and in the evening: the Ohasama study. <i>Journal of Hypertension</i> , <b>1999</b> , 17, 889-98	1.9	84
420	Measurement of peripheral plasma 18-oxocortisol can discriminate unilateral adenoma from bilateral diseases in patients with primary aldosteronism. <i>Hypertension</i> , <b>2015</b> , 65, 1096-102	8.5	83
419	Endothelium-derived nitric oxide modulates vascular action of aldosterone in renal arteriole. <i>Hypertension</i> , <b>2004</b> , 43, 352-7	8.5	83

418	Suppression of rat thromboxane synthase gene transcription by peroxisome proliferator-activated receptor gamma in macrophages via an interaction with NRF2. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 33142-50	5.4	83
417	Immunoreactive orexin-A in human plasma. <i>Peptides</i> , <b>2001</b> , 22, 139-42	3.8	83
416	Gut microbiome-derived phenyl sulfate contributes to albuminuria in diabetic kidney disease. <i>Nature Communications</i> , <b>2019</b> , 10, 1835	17.4	82
415	Prevention of cardiovascular events with calcium channel blocker-based combination therapies in patients with hypertension: a randomized controlled trial. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 1649-59	1.9	82
414	SAT-079 Renal Protective Effects Of Topiroxostat And Febuxostat In Hypertensives With Hyperuricemia.. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3,	0.4	78
413	SUN-496 A Perioperative Risk For Exacerbation of Hypercalcemia in Primary Hyperparathyroidism. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3,	0.4	78
412	SAT-058 Histopathological Analysis of Kidneys and Adrenal Glands in the Same Primary Aldosteronism (PA) Patients: Exploring the Mechanisms of Aldosterone Specific Renal Injuries. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3,	0.4	78
411	Preventing microalbuminuria in patients with diabetes: rationale and design of the Randomised Olmesartan and Diabetes Microalbuminuria Prevention (ROADMAP) study. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 403-8	1.9	77
410	Methylglyoxal is a predictor in type 2 diabetic patients of intima-media thickening and elevation of blood pressure. <i>Hypertension</i> , <b>2010</b> , 56, 471-6	8.5	76
409	Identification and characterization of novel rat and human gonad-specific organic anion transporters. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 1203-15		76
408	Aortic stiffness determines diastolic blood flow reversal in the descending thoracic aorta: potential implication for retrograde embolic stroke in hypertension. <i>Hypertension</i> , <b>2013</b> , 62, 542-9	8.5	75
407	Effect of adrenocorticotrophic hormone stimulation during adrenal vein sampling in primary aldosteronism. <i>Hypertension</i> , <b>2012</b> , 59, 840-6	8.5	74
406	Plasma alpha-oxoaldehyde levels in diabetic and nondiabetic chronic kidney disease patients. <i>American Journal of Nephrology</i> , <b>2008</b> , 28, 871-8	4.6	74
405	Histopathological Classification of Cross-Sectional Image-Negative Hyperaldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1182-1192	5.6	73
404	Transcription suppression of thromboxane receptor gene by peroxisome proliferator-activated receptor-gamma via an interaction with Sp1 in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 9676-83	5.4	72
403	An in vitro approach to the study of macula densa-mediated glomerular hemodynamics. <i>Kidney International</i> , <b>1990</b> , 38, 1206-10	9.9	72
402	Molecular characterization of human and rat organic anion transporter OATP-D. <i>American Journal of Physiology - Renal Physiology</i> , <b>2003</b> , 285, F1188-97	4.3	71
401	Conformational change in transfer RNA is an early indicator of acute cellular damage. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 2316-26	12.7	70

400	Methylglyoxal contributes to the development of insulin resistance and salt sensitivity in Sprague-Dawley rats. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 1664-71	1.9	70
399	A Kruppel-like factor KLF15 contributes fasting-induced transcriptional activation of mitochondrial acetyl-CoA synthetase gene AceCS2. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 16954-62	5.4	70
398	Upregulation of nitric oxide production in vascular endothelial cells by all-trans retinoic acid through the phosphoinositide 3-kinase/Akt pathway. <i>Circulation</i> , <b>2005</b> , 112, 727-36	16.7	70
397	Identification of a novel Reg family gene, Reg IIIdelta, and mapping of all three types of Reg family gene in a 75 kilobase mouse genomic region. <i>Gene</i> , <b>2000</b> , 246, 111-22	3.8	69
396	Predicting timing of clinical outcomes in patients with chronic kidney disease and severely decreased glomerular filtration rate. <i>Kidney International</i> , <b>2018</b> , 93, 1442-1451	9.9	67
395	Increased plasma urotensin II levels in patients with diabetes mellitus. <i>Clinical Science</i> , <b>2003</b> , 104, 1-5	6.5	67
394	Molecular identification of a rat novel organic anion transporter moat1, which transports prostaglandin D(2), leukotriene C(4), and taurocholate. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 275, 831-8	3.4	66
393	Transcriptional Suppression of Type 1 Angiotensin II Receptor Gene Expression by Peroxisome Proliferator-Activated Receptor- $\gamma$ In Vascular Smooth Muscle Cells		66
392	Predictors of decreasing glomerular filtration rate and prevalence of chronic kidney disease after treatment of primary aldosteronism: renal outcome of 213 cases. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 1593-8	5.6	65
391	A novel bioactive haemodialysis system using dissolved dihydrogen (H <sub>2</sub> ) produced by water electrolysis: a clinical trial. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 3026-33	4.3	64
390	Aldosterone-Producing Cell Clusters Frequently Harbor Somatic Mutations and Accumulate With Age in Normal Adrenals. <i>Journal of the Endocrine Society</i> , <b>2017</b> , 1, 787-799	0.4	63
389	Pulse pressure amplification, arterial stiffness, and peripheral wave reflection determine pulsatile flow waveform of the femoral artery. <i>Hypertension</i> , <b>2010</b> , 56, 926-33	8.5	62
388	Expression of adrenomedullin2/intermedin in human brain, heart, and kidney. <i>Peptides</i> , <b>2007</b> , 28, 1095-1098	19.3	61
387	Transcriptional regulation of the murine acetyl-CoA synthetase 1 gene through multiple clustered binding sites for sterol regulatory element-binding proteins and a single neighboring site for Sp1. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 34259-69	5.4	61
386	Identification of Thyroid Hormone Transporters in Humans: Different Molecules Are Involved in a Tissue-Specific Manner,		58
385	18-oxocortisol measurement in adrenal vein sampling as a biomarker for subclassifying primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E1272-8	5.6	57
384	Safety and efficacy of LCZ696, a first-in-class angiotensin receptor neprilysin inhibitor, in Japanese patients with hypertension and renal dysfunction. <i>Hypertension Research</i> , <b>2015</b> , 38, 269-75	4.7	56
383	Transcription suppression of peroxisome proliferator-activated receptor gamma2 gene expression by tumor necrosis factor alpha via an inhibition of CCAAT/ enhancer-binding protein delta during the early stage of adipocyte differentiation. <i>Endocrinology</i> , <b>2004</b> , 145, 4948-56	4.8	56

382	Immuno-Northern Blotting: Detection of RNA Modifications by Using Antibodies against Modified Nucleosides. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143756	3.7	56
381	Coagulation Factor Xa and Protease-Activated Receptor 2 as Novel Therapeutic Targets for Diabetic Nephropathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1525-33	9.4	55
380	Rosiglitazone protects against cyclosporine-induced pancreatic and renal injury in rats. <i>American Journal of Transplantation</i> , <b>2005</b> , 5, 1856-67	8.7	55
379	Angiotensin II Type 1 Receptor Blockers Reduce Urinary Angiotensinogen Excretion and the Levels of Urinary Markers of Oxidative Stress and Inflammation in Patients with Type 2 Diabetic Nephropathy. <i>Biomarker Insights</i> , <b>2009</b> , 4, 97-102	3.5	53
378	Possible role of adenosine in macula densa control of glomerular hemodynamics. <i>Kidney International</i> , <b>2002</b> , 61, 169-76	9.9	52
377	Effect of prostanoids on renin release from rabbit afferent arterioles with and without macula densa. <i>Kidney International</i> , <b>1989</b> , 35, 1138-44	9.9	52
376	Effect of Standard vs Intensive Blood Pressure Control on the Risk of Recurrent Stroke: A Randomized Clinical Trial and Meta-analysis. <i>JAMA Neurology</i> , <b>2019</b> , 76, 1309-1318	17.2	50
375	Aldosterone suppression on contralateral adrenal during adrenal vein sampling does not predict blood pressure response after adrenalectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 4158-66	5.6	50
374	Increased gene expression of adrenomedullin and adrenomedullin-receptor complexes, receptor-activity modifying protein (RAMP)2 and calcitonin-receptor-like receptor (CRLR) in the hearts of rats with congestive heart failure. <i>Clinical Science</i> , <b>2000</b> , 99, 541	6.5	49
373	The glucagon-like peptide-1 analog liraglutide suppresses ghrelin and controls diabetes in a patient with Prader-Willi syndrome. <i>Endocrine Journal</i> , <b>2012</b> , 59, 889-94	2.9	48
372	CKD Clinical Practice Guidebook. The essence of treatment for CKD patients. <i>Clinical and Experimental Nephrology</i> , <b>2009</b> , 13, 191-248	2.5	48
371	Effects of PPAR $\gamma$ on hypertension, atherosclerosis, and chronic kidney disease. <i>Endocrine Journal</i> , <b>2010</b> , 57, 847-52	2.9	48
370	Reduced Uterine Perfusion Pressure (RUPP) Model of Preeclampsia in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155436	3.6	48
369	Glomerular prostaglandins modulate vascular reactivity of the downstream efferent arterioles. <i>Kidney International</i> , <b>1994</b> , 45, 650-8	9.9	47
368	Is there a role for segmental adrenal venous sampling and adrenal sparing surgery in patients with primary aldosteronism?. <i>European Journal of Endocrinology</i> , <b>2015</b> , 173, 465-77	6.5	46
367	Immunolocalization of nuclear transcription factors, DAX-1 and COUP-TF II, in the normal human ovary: correlation with adrenal 4 binding protein/steroidogenic factor-1 immunolocalization during the menstrual cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 3415-20	5.6	46
366	Efficacy and Safety of Esaxerenone (CS-3150) for the Treatment of Type 2 Diabetes with Microalbuminuria: A Randomized, Double-Blind, Placebo-Controlled, Phase II Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 1161-1172	6.9	45
365	Aortic Blood Flow Reversal Determines Renal Function: Potential Explanation for Renal Dysfunction Caused by Aortic Stiffening in Hypertension. <i>Hypertension</i> , <b>2015</b> , 66, 61-7	8.5	44

364	Different expression of 11 $\beta$ -hydroxylase and aldosterone synthase between aldosterone-producing microadenomas and macroadenomas. <i>Hypertension</i> , <b>2014</b> , 64, 438-44	8.5	44
363	Different clinical outcomes for cardiovascular events and mortality in chronic kidney disease according to underlying renal disease: the Gonryo study. <i>Clinical and Experimental Nephrology</i> , <b>2010</b> , 14, 333-9	2.5	44
362	Expression of peroxisome proliferator-activated receptor isoform proteins in the rat kidney. <i>Hypertension Research</i> , <b>2004</b> , 27, 417-25	4.7	44
361	Impact of the Oral Adsorbent AST-120 on Organ-Specific Accumulation of Uremic Toxins: LC-MS/MS and MS Imaging Techniques. <i>Toxins</i> , <b>2017</b> , 10,	4.9	43
360	Effects of the Great East Japan Earthquake and huge tsunami on glycaemic control and blood pressure in patients with diabetes mellitus. <i>BMJ Open</i> , <b>2012</b> , 2, e000830	3	43
359	Development of sensitive derivatization method for aldosterone in liquid chromatography-electrospray ionization tandem mass spectrometry of corticosteroids. <i>Journal of Chromatography A</i> , <b>2008</b> , 1200, 114-21	4.5	43
358	Orexin-A in the human brain and tumor tissues of ganglioneuroblastoma and neuroblastoma. <i>Peptides</i> , <b>2000</b> , 21, 565-70	3.8	43
357	Double-Blind Randomized Phase 3 Study Comparing Esaxerenone (CS-3150) and Eplerenone in Patients With Essential Hypertension (ESAX-HTN Study). <i>Hypertension</i> , <b>2020</b> , 75, 51-58	8.5	43
356	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM BirThree Cohort Study): rationale, progress and perspective. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 18-19m	7.8	43
355	Methylglyoxal augments intracellular oxidative stress in human aortic endothelial cells. <i>Free Radical Research</i> , <b>2010</b> , 44, 101-7	4	42
354	Increased risk of cardiovascular events and mortality among non-diabetic chronic kidney disease patients with hypertensive nephropathy: the Gonryo study. <i>Hypertension Research</i> , <b>2011</b> , 34, 1106-10	4.7	42
353	Microalbuminuria reduction with telmisartan in normotensive and hypertensive Japanese patients with type 2 diabetes: a post-hoc analysis of The Incipient to Overt: Angiotensin II Blocker, Telmisartan, Investigation on Type 2 Diabetic Nephropathy (INNOVATION) study. <i>Hypertension Research</i> , <b>2008</b> , 31, 67-71	4.7	42
352	Molecular mechanisms and therapeutic strategies of chronic renal injury: physiological role of angiotensin II-induced oxidative stress in renal medulla. <i>Journal of Pharmacological Sciences</i> , <b>2006</b> , 100, 2-8	3.7	42
351	Role of neuronal nitric oxide synthase in the macula densa. <i>Kidney International</i> , <b>2001</b> , 60, 1676-83	9.9	42
350	Nrf2 inactivation enhances placental angiogenesis in a preeclampsia mouse model and improves maternal and fetal outcomes. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	41
349	Peroxisome proliferator-activated receptor- $\gamma$ suppresses CYP11B2 expression and aldosterone production. <i>Journal of Molecular Endocrinology</i> , <b>2011</b> , 46, 37-49	4.5	41
348	Hepatocyte growth factor stimulates nitric oxide production through endothelial nitric oxide synthase activation by the phosphoinositide 3-kinase/Akt pathway and possibly by mitogen-activated protein kinase kinase in vascular endothelial cells. <i>Hypertension Research</i> , <b>2004</b> , 27, 887-95	4.7	41
347	Vasodilation mediated by angiotensin II type 2 receptor is impaired in afferent arterioles of young spontaneously hypertensive rats. <i>Journal of Vascular Research</i> , <b>1998</b> , 35, 421-7	1.9	41



346	Isoform-specific monoclonal antibodies against 3 $\beta$ -hydroxysteroid dehydrogenase/isomerase family provide markers for subclassification of human primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E257-62	5.6	40
345	Effects of renal perfusion pressure on renal medullary hydrogen peroxide and nitric oxide production. <i>Hypertension</i> , <b>2009</b> , 53, 1048-53	8.5	40
344	Combination therapy with renin-angiotensin system inhibitors and the calcium channel blocker azelnidipine decreases plasma inflammatory markers and urinary oxidative stress markers in patients with diabetic nephropathy. <i>Hypertension Research</i> , <b>2008</b> , 31, 1147-55	4.7	39
343	Mitochondrial Acid 5 Binds Mitochondria and Ameliorates Renal Tubular and Cardiac Myocyte Damage. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 1925-32	12.7	38
342	The redox state of albumin and serious cardiovascular incidence in hemodialysis patients. <i>Therapeutic Apheresis and Dialysis</i> , <b>2010</b> , 14, 465-71	1.9	37
341	Increase of sodium delivery stimulates the mitochondrial respiratory chain H <sub>2</sub> O <sub>2</sub> production in rat renal medullary thick ascending limb. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, F95-F102	4.2	37
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211	Cardiorenal connection in chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , <b>2012</b> , 16, 8-16	2.5	15
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199	Hepatic dysfunction and thrombocytopenia induced by excess sFlt1 in mice lacking endothelial nitric oxide synthase. <i>Scientific Reports</i> , <b>2018</b> , 8, 102	4.9	14
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