Akira Uruno

List of Publications by Year
in descending order

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73 papers	3,525 citations	136950 32 h-index	138484 58 g-index
74 all docs	74 docs citations	74 times ranked	5252 citing authors

#	Article	IF	Citations
1	Associations between the Combined Fat Mass Index and Fat-Free Mass Index with Carotid Intima-Media Thickness in a Japanese Population: The Tohoku Medical Megabank Community-Based Cohort Study. Journal of Atherosclerosis and Thrombosis, 2023, 30, 255-273.	2.0	7
2	The return of individual genomic results to research participants: design and pilot study of Tohoku Medical Megabank Project. Journal of Human Genetics, 2022, 67, 9-17.	2.3	9
3	Maternal Baseline Characteristics and Perinatal Outcomes: The Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study. Journal of Epidemiology, 2022, 32, 69-79.	2.4	13
4	Gene expression changes related to bone mineralization, blood pressure and lipid metabolism in mouse kidneys after space travel. Kidney International, 2022, 101, 92-105.	5.2	11
5	Association between fat mass index, fatâ€free mass index and hemoglobin A1c in a Japanese population: The Tohoku Medical Megabank Communityâ€based Cohort Study. Journal of Diabetes Investigation, 2022, 13, 858-867.	2.4	13
6	Consideration of the reference value and number of measurements of the urinary sodium-to-potassium ratio based on the prevalence of untreated home hypertension: TMM Cohort Study. Hypertension Research, 2022, 45, 866-875.	2.7	8
7	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. Journal of Epidemiology, 2021, 31, 65-76.	2.4	81
8	Novel method for evaluating the health condition of mice in space through a video downlink. Experimental Animals, 2021, 70, 236-244.	1.1	4
9	Impacts of the urinary sodium-to-potassium ratio, sleep efficiency, and conventional risk factors on home hypertension in a general Japanese population. Hypertension Research, 2021, 44, 858-865.	2.7	9
10	Japonica Array NEO with increased genome-wide coverage and abundant disease risk SNPs. Journal of Biochemistry, 2021, 170, 399-410.	1.7	17
11	Association between the combined fat mass and fat-free mass index and hypertension: The Tohoku Medical Megabank Community-based Cohort Study. Clinical and Experimental Hypertension, 2021, 43, 610-621.	1.3	15
12	Genetic loci for lung function in Japanese adults with adjustment for exhaled nitric oxide levels as airway inflammation indicator. Communications Biology, 2021, 4, 1288.	4.4	13
13	dbTMM: an integrated database of large-scale cohort, genome and clinical data for the Tohoku Medical Megabank Project. Human Genome Variation, 2021, 8, 44.	0.7	7
14	Nrf2 plays a critical role in the metabolic response during and after spaceflight. Communications Biology, 2021, 4, 1381.	4.4	10
15	Reduced sleep efficiency, measured using an objective device, was related to an increased prevalence of home hypertension in Japanese adults. Hypertension Research, 2020, 43, 23-29.	2.7	15
16	Multiple measurements of the urinary sodium-to-potassium ratio strongly related home hypertension: TMM Cohort Study. Hypertension Research, 2020, 43, 62-71.	2.7	19
17	Nrf2 contributes to the weight gain of mice during space travel. Communications Biology, 2020, 3, 496.	4.4	27
18	Nrf2 Suppresses Oxidative Stress and Inflammation in App Knock-In Alzheimerâ€™s Disease Model Mice. Molecular and Cellular Biology, 2020, 40, .	2.3	98

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19	Metabolic basis of neuronal vulnerability to ischemia; an in vivo untargeted metabolomics approach. Scientific Reports, 2020, 10, 6507.	3.3	12
20	Conductive Adhesive Film Expands the Utility of Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. Analytical Chemistry, 2019, 91, 8979-8986.	6.5	20
21	Estimating carrier frequencies of newborn screening disorders using a whole-genome reference panel of 3552 Japanese individuals. Human Genetics, 2019, 138, 389-409.	3.8	7
22	Nrf2 activation in myeloid cells and endothelial cells differentially mitigates sickle cell disease pathology in mice. Blood Advances, 2019, 3, 1285-1297.	5.2	17
23	Nrf2 represses the onset of type 1 diabetes in non-obese diabetic mice. Journal of Endocrinology, 2019, 240, 403-416.	2.6	33
24	Intracellular S1P Levels Dictate Fate of Different Regions of the Hippocampus following Transient Global Cerebral Ischemia. Neuroscience, 2018, 384, 188-202.	2.3	11
25	Metabolomic changes in the mouse retina after optic nerve injury. Scientific Reports, 2018, 8, 11930.	3.3	16
26	Metabolomic Analysis of Mouse Brain after a Transient Middle Cerebral Artery Occlusion by Mass Spectrometry Imaging. Neurologia Medico-Chirurgica, 2018, 58, 384-392.	2.2	17
27	Nrf2 Improves Leptin and Insulin Resistance Provoked by Hypothalamic Oxidative Stress. Cell Reports, 2017, 18, 2030-2044.	6.4	96
28	The novel Nrf2 inducer TFM-735 ameliorates experimental autoimmune encephalomyelitis in mice. European Journal of Pharmacology, 2017, 802, 76-84.	3.5	32
29	High glucose stimulates expression of aldosterone synthase (CYP11B2) and secretion of aldosterone in human adrenal cells. FEBS Open Bio, 2017, 7, 1410-1421.	2.3	10
30	NRF2-Mediated Gene Regulation and Glucose Homeostasis. , 2016, , 331-348.		6
31	Nrf2-Mediated Regulation of Skeletal Muscle Glycogen Metabolism. Molecular and Cellular Biology, 2016, 36, 1655-1672.	2.3	101
32	The Keap1â€“Nrf2 system and diabetes mellitus. Archives of Biochemistry and Biophysics, 2015, 566, 76-84.	3.0	182
33	Effects of RXR Agonists on Cell Proliferation/Apoptosis and ACTH Secretion/Pomc Expression. PLoS ONE, 2015, 10, e0141960.	2.5	22
34	Transcription Factor Nrf1 Negatively Regulates the Cystine/Glutamate Transporter and Lipid-Metabolizing Enzymes. Molecular and Cellular Biology, 2014, 34, 3800-3816.	2.3	68
35	Nrf2 Protects Pancreatic Î²-Cells From Oxidative and Nitrosative Stress in Diabetic Model Mice. Diabetes, 2014, 63, 605-618.	0.6	162
36	Nrf2 induces fibroblast growth factor 21 in diabetic mice. Genes To Cells, 2014, 19, 864-878.	1.2	52

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37	Isocitrate dehydrogenase mutation is frequently observed in giant cell tumor of bone. Cancer Science, 2014, 105, 744-748.	3.9	37
38	Transcription factor <scp>NF</scp>â€Ł2â€related factor 1 impairs glucose metabolism in mice. Genes To Cells, 2014, 19, 650-665.	1.2	43
39	Angiotensin II receptor blockers differentially affect CYP11B2 expression in human adrenal H295R cells. Molecular and Cellular Endocrinology, 2014, 383, 60-68.	3.2	8
40	Retinoic acid receptor-Î± up-regulates proopiomelanocortin gene expression in AtT20 corticotroph cells. Endocrine Journal, 2014, 61, 1105-1114.	1.6	10
41	The Keap1-Nrf2 System Prevents Onset of Diabetes Mellitus. Molecular and Cellular Biology, 2013, 33, 2996-3010.	2.3	265
42	Accumulation of p62/<scp>SQSTM</scp>1 is associated with poor prognosis in patients with lung adenocarcinoma. Cancer Science, 2012, 103, 760-766.	3.9	177
43	The Keap1â€“Nrf2 system as an in vivo sensor for electrophiles. Nitric Oxide - Biology and Chemistry, 2011, 25, 153-160.	2.7	164
44	All-transretinoic acid and a novel synthetic retinoid tamibarotene (Am80) differentially regulate CD38 expression in human leukemia HL-60 cells: possible involvement of protein kinase C-Î´. Journal of Leukocyte Biology, 2011, 90, 235-247.	3.3	26
45	Peroxisome proliferator-activated receptor-Â suppresses CYP11B2 expression and aldosterone production. Journal of Molecular Endocrinology, 2011, 46, 37-49.	2.5	44
46	PPARÎ³ Agonist Beyond Glucose Lowering Effect. Korean Journal of Internal Medicine, 2011, 26, 19.	1.7	16
47	Effects of PPAR.GAMMA. on hypertension, atherosclerosis, and chronic kidney disease. Endocrine Journal, 2010, 57, 847-852.	1.6	58
48	Upregulation of REG Iβ± accelerates tumor progression in pancreatic cancer with diabetes. International Journal of Cancer, 2010, 127, 1795-1803.	5.1	32
49	Genetic engineering with endothelial nitric oxide synthase improves functional properties of endothelial progenitor cells from patients with coronary artery disease: an in vitro study. Basic Research in Cardiology, 2009, 104, 739-749.	5.9	38
50	Thiazolidinediones inhibit REG Iβ± gene transcription in gastrointestinal cancer cells. Biochemical and Biophysical Research Communications, 2009, 379, 743-748.	2.1	18
51	Important role of heparan sulfate in postnatal islet growth and insulin secretion. Biochemical and Biophysical Research Communications, 2009, 383, 113-118.	2.1	77
52	Hypocalcemia in a patient with severe hypertension and surgically induced relative hypoparathyroidism. Journal of Bone and Mineral Metabolism, 2008, 26, 298-300.	2.7	0
53	FKBP12.6 disruption impairs glucose-induced insulin secretion. Biochemical and Biophysical Research Communications, 2008, 371, 735-740.	2.1	43
54	Angiographic Index for Angioplasty-Treatable Atheromatous Renal Artery Stenosis. Hypertension Research, 2008, 31, 881-885.	2.7	4

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55	Stimulatory Effects of Low-Dose 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor Fluvatatin on Hepatocyte Growth Factorâ€"Induced Angiogenesis: Involvement of p38 Mitogen-Activated Protein Kinase. Hypertension Research, 2008, 31, 2085-2096.	2.7	15
56	Immunohistochemistry of a Proliferation Marker Ki67/MIB1 in Adrenocortical Carcinomas: Ki67/MIB1 Labeling Index Is a Predictor for Recurrence of Adrenocortical Carcinomas. Endocrine Journal, 2008, 55, 49-55.	1.6	126
57	Localization of Aldosterone-Producing Adrenocortical Adenomas: Significance of Adrenal Venous Sampling. Hypertension Research, 2007, 30, 1083-1095.	2.7	104
58	All-trans Retinoic Acid Induces in Vitro Angiogenesis via Retinoic Acid Receptor: Possible Involvement of Paracrine Effects of Endogenous Vascular Endothelial Growth Factor Signaling. Endocrinology, 2007, 148, 1412-1423.	2.8	103
59	Upregulation of Nitric Oxide Production in Vascular Endothelial Cells by All-transRetinoic Acid Through the Phosphoinositide 3-Kinase/Akt Pathway. Circulation, 2005, 112, 727-736.	1.6	79
60	Expression of Peroxisome Proliferator-Activated Receptor Isoform Proteins in the Rat Kidney. Hypertension Research, 2004, 27, 417-425.	2.7	47
61	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. Hypertension Research, 2004, 27, 887-895.	2.7	50
62	Transcription Suppression of Peroxisome Proliferator-Activated Receptor Î³2 Gene Expression by Tumor Necrosis Factor Î± via an Inhibition of CCAAT/ Enhancer-binding Protein Î´ during the Early Stage of Adipocyte Differentiation. Endocrinology, 2004, 145, 4948-4956.	2.8	63
63	Endothelium-Derived Nitric Oxide Modulates Vascular Action of Aldosterone in Renal Arteriole. Hypertension, 2004, 43, 352-357.	2.7	89
64	Effects of Mitogen-Activated Protein Kinase Pathway and Co-Activator CREP-Binding Protein on Peroxisome Proliferator-Activated Receptor-.GAMMA.-Mediated Transcription Suppression of Angiotensin II Type 1 Receptor Gene. Hypertension Research, 2003, 26, 623-628.	2.7	22
65	Cytochrome P-450 metabolites but not NO, PGI₂, and H₂O₂ contribute to ACh-induced hyperpolarization of pressurized canine coronary microvessels. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1939-H1948.	3.2	15
66	Transcription Suppression of Thromboxane Receptor Gene Expression by Retinoids in Vascular Smooth Muscle Cells. Hypertension Research, 2003, 26, 815-821.	2.7	14
67	Transcription Suppression of Thromboxane Receptor Gene by Peroxisome Proliferator-activated Receptor-Î³ via an Interaction with Sp1 in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2002, 277, 9676-9683.	3.4	84
68	Renal Tubule-specific Transcription and Chromosomal Localization of Rat Thiazide-sensitive Na-Cl Cotransporter Gene. Journal of Biological Chemistry, 2001, 276, 26260-26268.	3.4	23
69	Transcriptional Suppression of Type 1 Angiotensin II Receptor Gene Expression by Peroxisome Proliferator-Activated Receptor-Î³ in Vascular Smooth Muscle Cells*. Endocrinology, 2001, 142, 3125-3134.	2.8	178
70	Transcriptional Suppression of Type 1 Angiotensin II Receptor Gene Expression by Peroxisome Proliferator-Activated Receptor-Â in Vascular Smooth Muscle Cells. Endocrinology, 2001, 142, 3125-3134.	2.8	68
71	Differential Effects among Thiazolidinediones on the Transcription of Thromboxane Receptor and Angiotensin II Type 1 Receptor Genes.. Hypertension Research, 2001, 24, 229-233.	2.7	35
72	Suppression of Rat Thromboxane Synthase Gene Transcription by Peroxisome Proliferator-activated Receptor Î³ in Macrophages via an Interaction with NRF2. Journal of Biological Chemistry, 2000, 275, 33142-33150.	3.4	92

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73	Characterization of Mouse Retinoid X Receptor (RXR)-Î² Gene Promoter: Negative Regulation by Tumor Necrosis Factor (TNF)-Î±. Endocrinology, 1998, 139, 3030-3033.	2.8	18