# Akiyoshi Fukamizu

List of Publications by Year
in descending order



Version: 2024-02-01

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|---|---|---|---|
| 323 papers | 22,310 citations | 9264 74 h-index | 10158 140 g-index |
| 331 all docs | 331 docs citations | 331 times ranked | 27752 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Angiotensin-converting enzyme 2 protects from severe acute lung failure. Nature, 2005, 436, 112-116. | 27.8 | 2,264 |
| 2 | Mice lacking the vitamin D receptor exhibit impaired bone formation, uterine hypoplasia and growth retardation after weaning. Nature Genetics, 1997, 16, 391-396. | 21.4 | 1,065 |
| 3 | ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. Nature, 2012, 487, 477-481. | 27.8 | 1,035 |
| 4 | Mechanical stress activates angiotensin II type 1 receptor without the involvement of angiotensin II. Nature Cell Biology, 2004, 6, 499-506. | 10.3 | 615 |
| 5 | Silent information regulator 2 potentiates Foxo1-mediated transcription through its deacetylase activity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10042-10047. | 7.1 | 543 |
| 6 | Insulin-induced phosphorylation of FKHR (Foxo1) targets to proteasomal degradation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11285-11290. | 7.1 | 476 |
| 7 | Acetylation of Foxo1 alters its DNA-binding ability and sensitivity to phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11278-11283. | 7.1 | 420 |
| 8 | Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. Genes To Cells, 2001, 6, 857-868. | 1.2 | 415 |
| 9 | Adipose angiotensinogen is involved in adipose tissue growth and blood pressure regulation. FASEB Journal, 2001, 15, 1-25. | 0.5 | 413 |
| 10 | Identification and functional analysis of endothelial tip cellâ€“enriched genes. Blood, 2010, 116, 4025-4033. | 1.4 | 379 |
| 11 | Arginine Methylation of FOXO Transcription Factors Inhibits Their Phosphorylation by Akt. Molecular Cell, 2008, 32, 221-231. | 9.7 | 375 |
| 12 | Epigenetic Control of rDNA Loci in Response to Intracellular Energy Status. Cell, 2008, 133, 627-639. | 28.9 | 360 |
| 13 | Regulatory Roles for APJ, a Seven-transmembrane Receptor Related to Angiotensin-type 1 Receptor in Blood Pressure in Vivo. Journal of Biological Chemistry, 2004, 279, 26274-26279. | 3.4 | 349 |
| 14 | Angiotensin II Type 1a Receptor-deficient Mice with Hypotension and Hyperreninemia. Journal of Biological Chemistry, 1995, 270, 18719-18722. | 3.4 | 342 |
| 15 | Cytoplasmic destruction of p53 by the endoplasmic reticulum-resident ubiquitin ligase â€˜Synoviolinâ€™. EMBO Journal, 2007, 26, 113-122. | 7.8 | 313 |
| 16 | SREBPs suppress IRS-2-mediated insulin signalling in the liver. Nature Cell Biology, 2004, 6, 351-357. | 10.3 | 305 |
| 17 | Bile Acids Regulate Gluconeogenic Gene Expression via Small Heterodimer Partner-mediated Repression of Hepatocyte Nuclear Factor 4 and Foxo1. Journal of Biological Chemistry, 2004, 279, 23158-23165. | 3.4 | 289 |
| 18 | The sphingosine-1-phosphate transporter Spns2 expressed on endothelial cells regulates lymphocyte trafficking in mice. Journal of Clinical Investigation, 2012, 122, 1416-1426. | 8.2 | 280 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Signal-Dependent Coactivator CBP Is a Nuclear Target for pp90RSK. Cell, 1996, 86, 465-474. | 28.9 | 254 |
| 20 | Regulation of PGC-1 Promoter Activity by Protein Kinase B and the Forkhead Transcription Factor FKHR. Diabetes, 2003, 52, 642-649. | 0.6 | 238 |
| 21 | Hypertension Induced in Pregnant Mice by Placental Renin and Maternal Angiotensinogen. Science, 1996, 274, 995-998. | 12.6 | 237 |
| 22 | Regulation of FoxO transcription factors by acetylation and proteinâ€“protein interactions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1954-1960. | 4.1 | 232 |
| 23 | Mitogen-activated protein kinases, Erk and p38, phosphorylate and regulate Foxo1. Cellular Signalling, 2007, 19, 519-527. | 3.6 | 211 |
| 24 | Urinary Excretion of Fatty Acid-Binding Protein Reflects Stress Overload on the Proximal Tubules. American Journal of Pathology, 2004, 165, 1243-1255. | 3.8 | 201 |
| 25 | Calcium Signaling through CaMKII Regulates Hepatic Glucose Production in Fasting and Obesity. Cell Metabolism, 2012, 15, 739-751. | 16.2 | 181 |
| 26 | Synoviolin/Hrd1, an E3 ubiquitin ligase, as a novel pathogenic factor for arthropathy. Genes and Development, 2003, 17, 2436-2449. | 5.9 | 172 |
| 27 | Role of Deltex-1 as a Transcriptional Regulator Downstream of the Notch Receptor. Journal of Biological Chemistry, 2001, 276, 45031-45040. | 3.4 | 169 |
| 28 | Angiotensinogen-Deficient Mice Exhibit Impairment of Diet-Induced Weight Gain with Alteration in Adipose Tissue Development and Increased Locomotor Activity. Endocrinology, 2001, 142, 5220-5225. | 2.8 | 164 |
| 29 | Renin inhibition reduces hypercholesterolemia-induced atherosclerosis in mice. Journal of Clinical Investigation, 2008, 118, 984-93. | 8.2 | 164 |
| 30 | Insulin-like Growth Factor 1/Insulin Signaling Activates Androgen Signaling through Direct Interactions of Foxo1 with Androgen Receptor. Journal of Biological Chemistry, 2007, 282, 7329-7338. | 3.4 | 150 |
| 31 | Activation of Renin-Angiotensin System Induces Osteoporosis Independently of Hypertension. Journal of Bone and Mineral Research, 2009, 24, 241-250. | 2.8 | 143 |
| 32 | Apelin is a positive regulator of ACE2 in failing hearts. Journal of Clinical Investigation, 2013, 123, 5203-5211. | 8.2 | 143 |
| 33 | Renin-dependent Cardiovascular Functions and Renin-independent Blood-Brain Barrier Functions Revealed by Renin-deficient Mice. Journal of Biological Chemistry, 2000, 275, 5-8. | 3.4 | 142 |
| 34 | Impaired bloodâ€“brain barrier function in angiotensinogen-deficient mice. Nature Medicine, 1998, 4, 1078-1080. | 30.7 | 141 |
| 35 | Attenuation of Diet-Induced Weight Gain and Adiposity through Increased Energy Expenditure in Mice Lacking Angiotensin II Type 1a Receptor. Endocrinology, 2005, 146, 3481-3489. | 2.8 | 141 |
| 36 | (Pro)renin Receptorâ€“Mediated Signal Transduction and Tissue Renin-Angiotensin System Contribute to Diabetes-Induced Retinal Inflammation. Diabetes, 2009, 58, 1625-1633. | 0.6 | 136 |

| # | Article | IF | Citations |
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| 37 | Angiotensin II plays a pathogenic role in immune-mediated renal injury in mice. Journal of Clinical Investigation, 1999, 103, 627-635. | 8.2 | 133 |
| 38 | Distinct neural mechanisms for the control of thirst and salt appetite in the subfornical organ. Nature Neuroscience, 2017, 20, 230-241. | 14.8 | 131 |
| 39 | Angiotensin type 1a receptor signaling-dependent induction of vascular endothelial growth factor in stroma is relevant to tumor-associated angiogenesis and tumor growth. Carcinogenesis, 2004, 26, 271-279. | 2.8 | 128 |
| 40 | High Human Renin Hypertension in Transgenic Rats. Hypertension, 1997, 29, 428-434. | 2.7 | 127 |
| 41 | Benfotiamine Counteracts Glucose Toxicity Effects on Endothelial Progenitor Cell Differentiation via Akt/FoxO Signaling. Diabetes, 2006, 55, 2231-2237. | 0.6 | 124 |
| 42 | Requirement of Apelin-Apelin Receptor System for Oxidative Stress-Linked Atherosclerosis. American Journal of Pathology, 2007, 171, 1705-1712. | 3.8 | 121 |
| 43 | ELABELA-APJ axis protects from pressure overload heart failure and angiotensin II-induced cardiac damage. Cardiovascular Research, 2017, 113, 760-769. | 3.8 | 111 |
| 44 | Endothelin-1 regulates cardiac sympathetic innervation in the rodent heart by controlling nerve growth factor expression. Journal of Clinical Investigation, 2004, 113, 876-884. | 8.2 | 110 |
| 45 | S1P2, the G Proteinâ€“Coupled Receptor for Sphingosine-1-Phosphate, Negatively Regulates Tumor Angiogenesis and Tumor Growth In vivo in Mice. Cancer Research, 2010, 70, 772-781. | 0.9 | 109 |
| 46 | Functional Association between CBP and HNF4 inTrans-activation. Biochemical and Biophysical Research Communications, 1997, 241, 664-669. | 2.1 | 108 |
| 47 | Regulation of Lef-mediated Transcription and p53-dependent Pathway by Associating Î²-Catenin with CBP/p300. Journal of Biological Chemistry, 2000, 275, 35170-35175. | 3.4 | 108 |
| 48 | Detection of LacZâ€Positive Cells in Living Tissue with Singleâ€Cell Resolution. Angewandte Chemie - International Edition, 2016, 55, 9620-9624. | 13.8 | 107 |
| 49 | A Combination of HNF-4 and Foxo1 Is Required for Reciprocal Transcriptional Regulation of Glucokinase and Glucose-6-phosphatase Genes in Response to Fasting and Feeding. Journal of Biological Chemistry, 2008, 283, 32432-32441. | 3.4 | 106 |
| 50 | Tissue-specific expression of the human renin gene in transgenic mice. Biochemical and Biophysical Research Communications, 1989, 165, 826-832. | 2.1 | 105 |
| 51 | Enhanced erythropoiesis mediated by activation of the reninâ€angiotensin system via angiotensin II type 1a receptor. FASEB Journal, 2005, 19, 2023-2025. | 0.5 | 104 |
| 52 | The LXXLL motif of murine forkhead transcription factor FoxO1 mediates Sirt1-dependent transcriptional activity. Journal of Clinical Investigation, 2006, 116, 2473-83. | 8.2 | 102 |
| 53 | Arginine methylation of BCL-2 antagonist of cell death (BAD) counteracts its phosphorylation and inactivation by Akt. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6085-6090. | 7.1 | 101 |
| 54 | Dual Roles of RNA Helicase A in CREB-Dependent Transcription. Molecular and Cellular Biology, 2001, 21, 4460-4469. | 2.3 | 95 |

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| 55 | Apelin Stimulates Myosin Light Chain Phosphorylation in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1267-1272. | 2.4 | 95 |
| 56 | Guanylyl Cyclase-A Inhibits Angiotensin II Type 1A Receptor-Mediated Cardiac Remodeling, an Endogenous Protective Mechanism in the Heart. Circulation, 2002, 106, 1722-1728. | 1.6 | 92 |
| 57 | Phosphatidylinositol 3-Kinase/Akt Regulates Angiotensin IIâ€“Induced Inhibition of Apoptosis in Microvascular Endothelial Cells by Governing Survivin Expression and Suppression of Caspase-3 Activity. Circulation Research, 2004, 94, 785-793. | 4.5 | 92 |
| 58 | Estrogen Regulates Tumor Growth Through a Nonclassical Pathway that Includes the Transcription Factors ERÎ² and KLF5. Science Signaling, 2011, 4, ra22. | 3.6 | 92 |
| 59 | Essential Role of Synoviolin in Embryogenesis. Journal of Biological Chemistry, 2005, 280, 7909-7916. | 3.4 | 91 |
| 60 | FOXO Transcription Factors in the Regulatory Networks of Longevity. Journal of Biochemistry, 2007, 141, 769-774. | 1.7 | 91 |
| 61 | Hepatocyte Nuclear Factor-4 Is a Novel Downstream Target of Insulin via FKHR as a Signal-regulated Transcriptional Inhibitor. Journal of Biological Chemistry, 2003, 278, 13056-13060. | 3.4 | 90 |
| 62 | Central nervous system-specific deletion of transcription factor Nrf1 causes progressive motor neuronal dysfunction. Genes To Cells, 2011, 16, 692-703. | 1.2 | 90 |
| 63 | Negative regulation of forkhead transcription factor AFX (Foxo4) by CBP-induced acetylation. International Journal of Molecular Medicine, 2003, 12, 503-8. | 4.0 | 90 |
| 64 | Structure of the rat renin gene. Journal of Molecular Biology, 1988, 201, 443-450. | 4.2 | 89 |
| 65 | A Role of RNA Helicase A in cis-Acting Transactivation Response Element-mediated Transcriptional Regulation of Human Immunodeficiency Virus Type 1. Journal of Biological Chemistry, 2001, 276, 5445-5451. | 3.4 | 89 |
| 66 | Identification of a Novel Isoform of Poly(A) Polymerase, TPAP, Specifically Present in the Cytoplasm of Spermatogenic Cells. Developmental Biology, 2000, 228, 106-115. | 2.0 | 88 |
| 67 | Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. Biochemical Journal, 2007, 404, 459-466. | 3.7 | 87 |
| 68 | Transient Decrease in High Blood Pressure by In Vivo Transfer of Antisense Oligodeoxynucleotides Against Rat Angiotensinogen. Hypertension, 1995, 26, 131-136. | 2.7 | 84 |
| 69 | Activation of two angiotensin-generating systems in the balloon-injured artery. FEBS Letters, 1993, 323, 239-242. | 2.8 | 82 |
| 70 | Cooperative Interaction of EWS with CREB-binding Protein Selectively Activates Hepatocyte Nuclear Factor 4-mediated Transcription. Journal of Biological Chemistry, 2003, 278, 5427-5432. | 3.4 | 82 |
| 71 | Foxo1 links insulin signaling to C/EBPÎ± and regulates gluconeogenesis during liver development. EMBO Journal, 2007, 26, 3607-3615. | 7.8 | 81 |
| 72 | A -Acting DNA Element Located between TATA Box and Transcription Initiation Site Is Critical in Response to Regulatory Sequences in Human Angiotensinogen Gene. Journal of Biological Chemistry, 1996, 271, 15981-15986. | 3.4 | 78 |

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| 73 | Androgen Contributes to Gender-Related Cardiac Hypertrophy and Fibrosis in Mice Lacking the Gene Encoding Guanylyl Cyclase-A. Endocrinology, 2004, 145, 951-958. | 2.8 | 75 |
| 74 | Genetic deficiency of angiotensinogen produces an impaired urine concentrating ability in mice. Kidney International, 1998, 53, 548-555. | 5.2 | 74 |
| 75 | Characterization of RGS5 in regulation of G protein-coupled receptor signaling. Life Sciences, 2001, 68, 1457-1469. | 4.3 | 74 |
| 76 | The Presence of Both the Amino- and Carboxyl-Terminal Domains in the AR Is Essential for the Completion of a Transcriptionally Active Form with Coactivators and Intranuclear Compartmentalization Common to the Steroid Hormone Receptors: A Three-Dimensional Imaging Study. Molecular Endocrinology, 2002, 16, 694-706. | 3.7 | 74 |
| 77 | Foxo1 increases pro-inflammatory gene expression by inducing C/EBPÎ² in TNF-Î±-treated adipocytes. Biochemical and Biophysical Research Communications, 2009, 378, 290-295. | 2.1 | 74 |
| 78 | Comparative studies on species-specific reactivity between renin and angiotensinogen. Molecular and Cellular Biochemistry, 1994, 131, 43-47. | 3.1 | 72 |
| 79 | Activation of angiotensin II-forming chymase in the cardiomyopathic hamster heart. Journal of Hypertension, 1997, 15, 431-440. | 0.5 | 71 |
| 80 | Ileal Bile Acid-binding Protein, Functionally Associated with the Farnesoid X Receptor or the Ileal Bile Acid Transporter, Regulates Bile Acid Activity in the Small Intestine. Journal of Biological Chemistry, 2005, 280, 42283-42289. | 3.4 | 68 |
| 81 | Asymmetric Arginine Dimethylation Determines Life Span in C.Âelegans by Regulating Forkhead Transcription Factor DAF-16. Cell Metabolism, 2011, 13, 505-516. | 16.2 | 68 |
| 82 | Nrf2 inactivation enhances placental angiogenesis in a preeclampsia mouse model and improves maternal and fetal outcomes. Science Signaling, 2017, 10, . | 3.6 | 68 |
| 83 | Expression of the human angiotensinogen gene in transgenic mice and transfected cells. Biochemical and Biophysical Research Communications, 1991, 180, 1103-1109. | 2.1 | 67 |
| 84 | Pathophysiology of placentation abnormalities in pregnancy-induced hypertension. Vascular Health and Risk Management, 2008, Volume 4, 1301-1313. | 2.3 | 67 |
| 85 | Identification of renin and renin messenger RNA sequence in rat ovary and uterus. Biochemical and Biophysical Research Communications, 1987, 142, 169-175. | 2.1 | 65 |
| 86 | Saccharomyces cerevisiae CWH43Is Involved in the Remodeling of the Lipid Moiety of GPI Anchors to Ceramides. Molecular Biology of the Cell, 2007, 18, 4304-4316. | 2.1 | 65 |
| 87 | NML-mediated rRNA base methylation links ribosomal subunit formation to cell proliferation in a p53-dependent manner. Journal of Cell Science, 2016, 129, 2382-93. | 2.0 | 65 |
| 88 | (Pro)renin Receptor Promotes Choroidal Neovascularization by Activating Its Signal Transduction and Tissue Renin-Angiotensin System. American Journal of Pathology, 2008, 173, 1911-1918. | 3.8 | 62 |
| 89 | Rodent Î±-chymases are elastase-like proteases. FEBS Journal, 2002, 269, 5921-5930. | 0.2 | 61 |
| 90 | Angiopoietin-1 Induces KrÃ¼ppel-like Factor 2 Expression through a Phosphoinositide 3-Kinase/AKT-dependent Activation of Myocyte Enhancer Factor 2. Journal of Biological Chemistry, 2009, 284, 5592-5601. | 3.4 | 60 |

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| 91 | Lung Surfactant Levels are Regulated by Ig-Hepta/GPR116 by Monitoring Surfactant Protein D. PLoS ONE, 2013, 8, e69451. | 2.5 | 60 |
| 92 | Role of notch-1 intracellular domain in activation of rheumatoid synoviocytes. Arthritis and Rheumatism, 2001, 44, 1545-1554. | 6.7 | 58 |
| 93 | Severe Hypomyelination and Developmental Defects Are Caused in Mice Lacking Protein Arginine Methyltransferase 1 (PRMT1) in the Central Nervous System. Journal of Biological Chemistry, 2016, 291, 2237-2245. | 3.4 | 58 |
| 94 | Role of Natriuretic Peptide Receptor Guanylyl Cyclase-A in Myocardial Infarction Evaluated Using Genetically Engineered Mice. Hypertension, 2005, 46, 441-447. | 2.7 | 57 |
| 95 | Identification of a Crucial Site for Synoviolin Expression. Molecular and Cellular Biology, 2005, 25, 7344-7356. | 2.3 | 56 |
| 96 | Regulation of FOXO1-mediated transcription and cell proliferation by PARP-1. Biochemical and Biophysical Research Communications, 2009, 382, 497-502. | 2.1 | 56 |
| 97 | Antithetic Effects of MBD2a on Gene Regulation. Molecular and Cellular Biology, 2003, 23, 2645-2657. | 2.3 | 55 |
| 98 | Transcriptional down-regulation through nuclear exclusion of EWS methylated by PRMT1. Biochemical and Biophysical Research Communications, 2005, 329, 653-660. | 2.1 | 54 |
| 99 | Physiological function of the angiotensin AT1a receptor in bone remodeling. Journal of Bone and Mineral Research, 2011, 26, 2959-2966. | 2.8 | 53 |
| 100 | Loss of Apela Peptide in Mice Causes Low Penetrance Embryonic Lethality and Defects in Early Mesodermal Derivatives. Cell Reports, 2017, 20, 2116-2130. | 6.4 | 53 |
| 101 | Human Î²-Globin Locus Control Region HS5Contains CTCF- and Developmental Stage-Dependent Enhancer-BlockingActivity in ErythroidCells. Molecular and Cellular Biology, 2003, 23, 8946-8952. | 2.3 | 52 |
| 102 | Expression of neuronal type nitric oxide synthase and renin in the juxtaglomerular apparatus of angiotensin type-1a receptor gene-knockout mice. Kidney International, 1998, 53, 1585-1593. | 5.2 | 49 |
| 103 | Angiotensinogen-Deficient Mice Exhibit Impairment of Diet-Induced Weight Gain with Alteration in Adipose Tissue Development and Increased Locomotor Activity. Endocrinology, 2001, 142, 5220-5225. | 2.8 | 49 |
| 104 | Human Activin Î²A Gene IDENTIFICATION OF NOVEL 5â€². Journal of Biological Chemistry, 1996, 271, 32760-32769. | 3.4 | 48 |
| 105 | Anti-apoptotic action of angiotensin fragments to neuronal cells from angiotensinogen knock-out mice. Neuroscience Letters, 1997, 232, 167-170. | 2.1 | 48 |
| 106 | Neurochondrin Negatively Regulates CaMKII Phosphorylation, and Nervous System-specific Gene Disruption Results in Epileptic Seizure*. Journal of Biological Chemistry, 2005, 280, 20503-20508. | 3.4 | 46 |
| 107 | The nuclear import of RNA helicase A is mediated by importin-Î±3. Biochemical and Biophysical Research Communications, 2006, 340, 125-133. | 2.1 | 45 |
| 108 | A role for endothelial cells in promoting the maturation of astrocytes through the apelin/APJ system in mice. Development (Cambridge), 2012, 139, 1327-1335. | 2.5 | 45 |

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| 109 | PRMT8 as a phospholipase regulates Purkinje cell dendritic arborization and motor coordination. Science Advances, 2015, 1, e1500615. | 10.3 | 44 |
| 110 | Molecular Variation of the Human Angiotensinogen Core Promoter Element Located between the TATA Box and Transcription Initiation Site Affects Its Transcriptional Activity. Journal of Biological Chemistry, 1997, 272, 30558-30562. | 3.4 | 43 |
| 111 | Reduction of depressive-like behavior in mice lacking angiotensinogen. Neuroscience Letters, 1999, 261, 167-170. | 2.1 | 43 |
| 112 | Protein arginine methyltransferase 7 has a novel homodimerâ€like structure formed by tandem repeats. FEBS Letters, 2014, 588, 1942-1948. | 2.8 | 42 |
| 113 | Evaluation of novel cyclic analogues of apelin. International Journal of Molecular Medicine, 2008, 22, 547-52. | 4.0 | 42 |
| 114 | An essential role for angiotensin II Type 1a receptor in pregnancyâ€associated hypertension with intrauterine growth retardation. FASEB Journal, 2004, 18, 1-17. | 0.5 | 41 |
| 115 | Reduced angiogenesis and delay in wound healing in angiotensin II type 1a receptor-deficient mice. Biomedicine and Pharmacotherapy, 2009, 63, 627-634. | 5.6 | 40 |
| 116 | Recent Advances in the Study of Renin and Angiotensinogen Genes: From Molecules to the Whole Body.. Hypertension Research, 1995, 18, 7-18. | 2.7 | 40 |
| 117 | Ovarian renin gene expression is regulated by follicle-stimulating hormone. Biochemical and Biophysical Research Communications, 1987, 146, 989-995. | 2.1 | 39 |
| 118 | Stretch-Induced Map Kinase Activation in Cardiomyocytes of Angiotensinogen-Deficient Mice. Biochemical and Biophysical Research Communications, 1997, 235, 36-41. | 2.1 | 37 |
| 119 | Regulated Expression of Human Angiotensinogen Gene by Hepatocyte Nuclear Factor 4 and Chicken Ovalbumin Upstream Promoter-Transcription Factor. Journal of Biological Chemistry, 1999, 274, 34605-34612. | 3.4 | 36 |
| 120 | Learning and anxiety in angiotensin-deficient mice. Behavioural Brain Research, 1999, 100, 1-4. | 2.2 | 36 |
| 121 | Male Sterility in Transgenic Mice Expressing Activin Î²A Subunit Gene in Testis. Biochemical and Biophysical Research Communications, 1999, 259, 699-705. | 2.1 | 36 |
| 122 | Reduced hypertension-induced end-organ damage in mice lacking cardiac and renal angiotensinogen synthesis. Journal of Molecular Medicine, 2002, 80, 359-366. | 3.9 | 36 |
| 123 | Species Differences in Angiotensin II Generation and Degradation by Mast Cell Chymases. Journal of Receptor and Signal Transduction Research, 2005, 25, 35-44. | 2.5 | 36 |
| 124 | Adult Stage Î³-Globin Silencing Is Mediated by a Promoter Direct Repeat Element. Molecular and Cellular Biology, 2005, 25, 3443-3451. | 2.3 | 35 |
| 125 | Angiotensin II Type 1A Receptor Signaling Facilitates Tumor Metastasis Formation through P-Selectinâ€“Mediated Interaction of Tumor Cells with Platelets and Endothelial Cells. American Journal of Pathology, 2013, 182, 553-564. | 3.8 | 35 |
| 126 | Single-cell nanobiopsy reveals compartmentalization of mRNAs within neuronal cells. Journal of Biological Chemistry, 2018, 293, 4940-4951. | 3.4 | 35 |

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|---|---|---|---|
| 127 | Negative regulation of forkhead transcription factor AFX (Foxo4) by CBP-induced acetylation. International Journal of Molecular Medicine, 2003, 12, 503. | 4.0 | 34 |
| 128 | GSK3Î² regulates gluconeogenic gene expression through HNF4Î± and FOXO1. Journal of Receptor and Signal Transduction Research, 2012, 32, 96-101. | 2.5 | 34 |
| 129 | A Randomly Integrated Transgenic H19 Imprinting Control Region Acquires Methylation Imprinting Independently of Its Establishment in Germ Cells. Molecular and Cellular Biology, 2009, 29, 4595-4603. | 2.3 | 33 |
| 130 | Mechanism for p38Î±-mediated Experimental Autoimmune Encephalomyelitis. Journal of Biological Chemistry, 2012, 287, 24228-24238. | 3.4 | 33 |
| 131 | Apelin elevates blood pressure in ICR mice with L-NAME-induced endothelial dysfunction. Molecular Medicine Reports, 2013, 7, 1371-1375. | 2.4 | 33 |
| 132 | Genomic imprinting recapitulated in the human Î²-globin locus. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10250-10255. | 7.1 | 32 |
| 133 | Impaired placental neovascularization in mice with pregnancy-associated hypertension. Laboratory Investigation, 2008, 88, 416-429. | 3.7 | 32 |
| 134 | Molecular characterization of Mybbp1a as a co-repressor on the Period2 promoter. Nucleic Acids Research, 2008, 37, 1115-1126. | 14.5 | 32 |
| 135 | The Drosophila Zinc Finger Transcription Factor Ouija Board Controls Ecdysteroid Biosynthesis through Specific Regulation of spookier. PLoS Genetics, 2015, 11, e1005712. | 3.5 | 32 |
| 136 | Transgene-derived hepatocyte growth factor attenuates reactive renal fibrosis in aristolochic acid nephrotoxicity. Nephrology Dialysis Transplantation, 2003, 18, 2515-2523. | 0.7 | 31 |
| 137 | Deterioration of atherosclerosis in mice lacking angiotensin II type 1A receptor in bone marrow-derived cells. Laboratory Investigation, 2008, 88, 731-739. | 3.7 | 31 |
| 138 | The Presence of Both the Amino- and Carboxyl-Terminal Domains in the AR Is Essential for the Completion of a Transcriptionally Active Form with Coactivators and Intranuclear Compartmentalization Common to the Steroid Hormone Receptors: A Three-Dimensional Imaging Study. Molecular Endocrinology, 2002, 16, 694-706. | 3.7 | 31 |
| 139 | Nucleotide sequence of rat renin cDNA. Nucleic Acids Research, 1988, 16, 3576-3576. | 14.5 | 30 |
| 140 | Structure and Expression of the Mouse Angiotensinogen Gene.. International Heart Journal, 1992, 33, 113-124. | 0.6 | 30 |
| 141 | Rescue of Angiotensinogen-Knockout Mice. Biochemical and Biophysical Research Communications, 1998, 252, 610-616. | 2.1 | 30 |
| 142 | Inhibitory Effect of the Small Heterodimer Partner on Hepatocyte Nuclear Factor-4 Mediates Bile Acid-induced Repression of the Human Angiotensinogen Gene. Journal of Biological Chemistry, 2004, 279, 7770-7776. | 3.4 | 30 |
| 143 | Renin expression in the kidney and brain is reciprocally controlled by captopril. Biochemical and Biophysical Research Communications, 1989, 159, 1065-1071. | 2.1 | 29 |
| 144 | A combination of upstream and proximal elements is required for effecient expression of the mouse renin promoter in cultured cells. Nucleic Acids Research, 1992, 20, 3617-3623. | 14.5 | 29 |

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| 145 | Hypernuclear Acetylation in Atherosclerotic Lesions and Activated Vascular Smooth Muscle Cells. Biochemical and Biophysical Research Communications, 1999, 266, 417-424. | 2.1 | 28 |
| 146 | Calreticulin and integrin alpha dissociation induces anti-inflammatory programming in animal models of inflammatory bowel disease. Nature Communications, 2018, 9, 1982. | 12.8 | 28 |
| 147 | EWS is a substrate of type I protein arginine methyltransferase, PRMT8. International Journal of Molecular Medicine, 2008, 22, 309-15. | 4.0 | 28 |
| 148 | Identification of a previously unrecognized production site of human renin. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1129, 87-89. | 2.4 | 27 |
| 149 | Cloning of the gene and cDNA for hamster chymase 2, and expression of chymase 1, chymase 2 and angiotensin-converting enzyme in the terminal stage of cardiomyopathic hearts. Biochemical Journal, 1998, 333, 417-424. | 3.7 | 27 |
| 150 | Differential Roles of Renin and Angiotensinogen in the Feto-Maternal Interface in the Development of Complications of Pregnancy. Molecular Endocrinology, 2005, 19, 1361-1372. | 3.7 | 27 |
| 151 | Inhibitory effects of benzyl benzoate and its derivatives on angiotensin II-induced hypertension. Bioorganic and Medicinal Chemistry, 2008, 16, 7843-7852. | 3.0 | 27 |
| 152 | Pregnancy-associated homeostasis and dysregulation: lessons from genetically modified animal models. Journal of Biochemistry, 2011, 150, 5-14. | 1.7 | 26 |
| 153 | m<sup>6</sup>Aâ€mediated alternative splicing coupled with nonsenseâ€mediated mRNA decay regulates SAM synthetase homeostasis. EMBO Journal, 2021, 40, e106434. | 7.8 | 26 |
| 154 | Structure and sequence analysis of the human activin Î²Asubunit gene. DNA Sequence, 1991, 2, 103-110. | 0.7 | 25 |
| 155 | PRMT1 Deficiency in Mouse Juvenile Heart Induces Dilated Cardiomyopathy and Reveals Cryptic Alternative Splicing Products. IScience, 2018, 8, 200-213. | 4.1 | 25 |
| 156 | Induction of hydroxyapatite resorptive activity in bone marrow cell populations resistant to bafilomycin A1 by a factor with restricted expression to bone and brain, neurochondrin. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1450, 92-98. | 4.1 | 24 |
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