

# Tomohide Takaya

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,739  
citations

393982

19  
h-index

377514

34  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional structural analysis of mitochondria composing each subtype of fast-twitch muscle fibers in chicken. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 809-816.	0.3	1
2	Identification of a Novel Osteogenetic Oligodeoxynucleotide (osteoDN) That Promotes Osteoblast Differentiation in a TLR9-Independent Manner. <i>Nanomaterials</i> , 2022, 12, 1680.	1.9	7
3	Transcription of Endogenous Retrovirus Group K Members and Their Neighboring Genes in Chicken Skeletal Muscle Myoblasts. <i>Journal of Poultry Science</i> , 2021, 58, 79-87.	0.7	5
4	Myogenetic Oligodeoxynucleotide (myoDN) Recovers the Differentiation of Skeletal Muscle Myoblasts Deteriorated by Diabetes Mellitus. <i>Frontiers in Physiology</i> , 2021, 12, 679152.	1.3	16
5	Myogenetic oligodeoxynucleotide complexed with berberine promotes differentiation of chicken myoblasts. <i>Animal Science Journal</i> , 2021, 92, e13597.	0.6	11
6	Regulation of Stem Cell Fate by Oligodeoxynucleotides from Lactic Acid Bacteria: Bacterial Genome-Derived DNA as Drug Seeds. <i>Kagaku To Seibutsu</i> , 2021, 59, 284-289.	0.0	0
7	Berberine and palmatine inhibit the growth of human rhabdomyosarcoma cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 63-75.	0.6	10
8	Physiological and Pathological Mitochondrial Clearance Is Related to Pectoralis Major Muscle Pathogenesis in Broilers With Wooden Breast Syndrome. <i>Frontiers in Physiology</i> , 2020, 11, 579.	1.3	22
9	Identification of the Myogenetic Oligodeoxynucleotides (myoDNs) That Promote Differentiation of Skeletal Muscle Myoblasts by Targeting Nucleolin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 616706.	1.8	14
10	Distinct cell proliferation, myogenic differentiation, and gene expression in skeletal muscle myoblasts of layer and broiler chickens. <i>Scientific Reports</i> , 2019, 9, 16527.	1.6	31
11	Toll-like receptor ligand-dependent inflammatory responses in chick skeletal muscle myoblasts. <i>Developmental and Comparative Immunology</i> , 2019, 91, 115-122.	1.0	15
12	Theophylline suppresses interleukin-6 expression by inhibiting glucocorticoid receptor signaling in pre-adipocytes. <i>Archives of Biochemistry and Biophysics</i> , 2018, 646, 98-106.	1.4	14
13	Autonomous xenogenic cell fusion of murine and chick skeletal muscle myoblasts. <i>Animal Science Journal</i> , 2017, 88, 1880-1885.	0.6	13
14	Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Plays an Important Role in Vascular Inflammation in Current Smokers. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013, 20, 585-590.	0.9	24
15	Highly Purified Eicosapentaenoic Acid Increases Interleukin-10 Levels of Peripheral Blood Monocytes in Obese Patients With Dyslipidemia. <i>Diabetes Care</i> , 2012, 35, 2631-2639.	4.3	58
16	Roles of MicroRNAs and Myocardial Cell Differentiation. <i>Progress in Molecular Biology and Translational Science</i> , 2012, 111, 139-152.	0.9	15
17	Distinct Characteristics of Circulating Vascular Endothelial Growth Factor-A and C Levels in Human Subjects. <i>PLoS ONE</i> , 2011, 6, e29351.	1.1	66
18	A Natural p300-Specific Histone Acetyltransferase Inhibitor, Curcumin, in Addition to Angiotensin-Converting Enzyme Inhibitor, Exerts Beneficial Effects on Left Ventricular Systolic Function After Myocardial Infarction in Rats. <i>Circulation Journal</i> , 2011, 75, 2151-2159.	0.7	83

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19	The Discovery of LOX-1, its Ligands and Clinical Significance. <i>Cardiovascular Drugs and Therapy</i> , 2011, 25, 379-391.	1.3	126
20	Cyclin-dependent kinase 9 forms a complex with GATA4 and is involved in the differentiation of mouse ES cells into cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2011, 226, 248-254.	2.0	23
21	MicroRNA-27a Regulates Beta Cardiac Myosin Heavy Chain Gene Expression by Targeting Thyroid Hormone Receptor $\beta$ 1 in Neonatal Rat Ventricular Myocytes. <i>Molecular and Cellular Biology</i> , 2011, 31, 744-755.	1.1	76
22	Aldosterone Signaling Associates With p300/GATA4 Transcriptional Pathway During the Hypertrophic Response of Cardiomyocytes. <i>Circulation Journal</i> , 2010, 74, 156-162.	0.7	23
23	Left Ventricular Expression of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 in Failing Rat Hearts. <i>Circulation Journal</i> , 2010, 74, 723-729.	0.7	19
24	Cell line-dependent differentiation of induced pluripotent stem cells into cardiomyocytes in mice. <i>Cardiovascular Research</i> , 2010, 88, 314-323.	1.8	66
25	Cyclin-dependent Kinase-9 Is a Component of the p300/GATA4 Complex Required for Phenylephrine-induced Hypertrophy in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 9556-9568.	1.6	63
26	Lectin-like oxidized low-density lipoprotein receptor-1 is required for the adipose tissue expression of proinflammatory cytokines in high-fat diet-induced obese mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 576-580.	1.0	29
27	P-33 Left Ventricular Expression of Lectin-like Oxidized Low-Density Lipoprotein Receptor-1 in Dahl Salt-Sensitive Rats with Heart Failure. <i>CVD Prevention and Control</i> , 2009, 4, S61-S62.	0.7	0
28	P-155 Combination Therapy Involving G-CSF and Erythropoietin Synergically Improve LV Systolic Function in Heart Failure after MI in Rat. <i>CVD Prevention and Control</i> , 2009, 4, S95.	0.7	0
29	MicroRNA-1 and MicroRNA-133 in Spontaneous Myocardial Differentiation of Mouse Embryonic Stem Cells. <i>Circulation Journal</i> , 2009, 73, 1492-1497.	0.7	112
30	Spaceflight results in increase of thick filament but not thin filament proteins in the paramyosin mutant of <i>Caenorhabditis elegans</i> . <i>Advances in Space Research</i> , 2008, 41, 816-823.	1.2	17
31	Crucumin, a natural p300-specific histone acetyltransferase inhibitor, prevents the development of heart failure in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 440-441.	0.9	0
32	Curcumin Reverses the Hypertension-induced Left Ventricular Concentric Remodeling in Rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, S17-S18.	0.9	0
33	Overexpression of MicroRNA-1 in Mouse Embryonic Stem Cells Represses Myocardial Differentiation. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, S18-S19.	0.9	0
34	Statins activate GATA-6 and induce differentiated vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 731-736.	1.0	8
35	Up-regulated expression of microRNA-143 in association with obesity in adipose tissue of mice fed high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 728-732.	1.0	232
36	Identification of p300-targeted Acetylated Residues in GATA4 during Hypertrophic Responses in Cardiac Myocytes. <i>Journal of Biological Chemistry</i> , 2008, 283, 9828-9835.	1.6	82

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37	Myocardial Regulation of p300 and p53 by Doxorubicin Involves Ubiquitin Pathways. <i>Circulation Journal</i> , 2008, 72, 1506-1511.	0.7	17
38	The dietary compound curcumin inhibits p300 histone acetyltransferase activity and prevents heart failure in rats. <i>Journal of Clinical Investigation</i> , 2008, 118, 868-78.	3.9	345
39	Trichostatin A induces myocardial differentiation of monkey ES cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 386-391.	1.0	43
40	C. Elegans Model for Studying Tropomyosin and Troponin Regulations of Muscle Contraction and Animal Behavior. , 2007, 592, 153-161.		14
41	Tissue expression of four troponin I genes and their molecular interactions with two troponin C isoforms in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2005, 10, 261-276.	0.5	25