

Toshiya Tanaka

List of Publications by Year in descending order

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34
papers

2,343
citations

393982

19
h-index

395343

33
g-index

38
all docs

38
docs citations

38
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of peroxisome proliferator-activated receptor α induces fatty acid α -oxidation in skeletal muscle and attenuates metabolic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15924-15929.	3.3	776
2	Dynamic Change of Chromatin Conformation in Response to Hypoxia Enhances the Expression of GLUT3 (SLC2A3) by Cooperative Interaction of Hypoxia-Inducible Factor 1 and KDM3A. <i>Molecular and Cellular Biology</i> , 2012, 32, 3018-3032.	1.1	230
3	H3K4/H3K9me3 Bivalent Chromatin Domains Targeted by Lineage-Specific DNA Methylation Pauses Adipocyte Differentiation. <i>Molecular Cell</i> , 2015, 60, 584-596.	4.5	180
4	The Peroxisome Proliferator-Activated Receptor β /Retinoid X Receptor β Heterodimer Targets the Histone Modification Enzyme PR-Set7/Setd8 Gene and Regulates Adipogenesis through a Positive Feedback Loop. <i>Molecular and Cellular Biology</i> , 2009, 29, 3544-3555.	1.1	175
5	Obesity and metabolic syndrome in histone demethylase JHDM2a-deficient mice. <i>Genes To Cells</i> , 2009, 14, 991-1001.	0.5	167
6	COUP-TFII acts downstream of Wnt/ β -catenin signal to silence PPAR β gene expression and repress adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5819-5824.	3.3	158
7	JMJD1A is a signal-sensing scaffold that regulates acute chromatin dynamics via SWI/SNF association for thermogenesis. <i>Nature Communications</i> , 2015, 6, 7052.	5.8	87
8	Transcriptome Analysis of K-877 (a Novel Selective PPAR β Modulator (SPPARM β))-Regulated Genes in Primary Human Hepatocytes and the Mouse Liver. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 754-772.	0.9	81
9	Sterol-mediated Regulation of Human Lipin 1 Gene Expression in Hepatoblastoma Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 22195-22205.	1.6	66
10	Pemafibrate, a selective PPAR β modulator, prevents non-alcoholic steatohepatitis development without reducing the hepatic triglyceride content. <i>Scientific Reports</i> , 2020, 10, 7818.	1.6	60
11	Proteomic Analysis of Native Hepatocyte Nuclear Factor-4 β (HNF4 β) Isoforms, Phosphorylation Status, and Interactive Cofactors. <i>Journal of Biological Chemistry</i> , 2011, 286, 674-686.	1.6	40
12	The FBXL10/KDM2B Scaffolding Protein Associates with Novel Polycomb Repressive Complex-1 to Regulate Adipogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 4163-4177.	1.6	33
13	Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. <i>Cell Reports</i> , 2019, 29, 89-103.e7.	2.9	29
14	Gene Expression Profiles Induced by a Novel Selective Peroxisome Proliferator-Activated Receptor β Modulator (SPPARM β) Pemafibrate. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5682.	1.8	26
15	PPAR β activation of CD300a controls intestinal immunity. <i>Scientific Reports</i> , 2014, 4, 5412.	1.6	24
16	Analysis of the subcellular localization of the human histone methyltransferase SETDB1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 725-731.	1.0	24
17	Targeted DNA demethylation of the Fgf21 promoter by CRISPR/dCas9-mediated epigenome editing. <i>Scientific Reports</i> , 2020, 10, 5181.	1.6	23
18	Ubiquitination of Lysine 867 of the Human SETDB1 Protein Upregulates Its Histone H3 Lysine 9 (H3K9) Methyltransferase Activity. <i>PLoS ONE</i> , 2016, 11, e0165766.	1.1	22

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19	Overexpression of p54nrb/NONO induces differential EPHA6 splicing and contributes to castration-resistant prostate cancer growth. <i>Oncotarget</i> , 2018, 9, 10510-10524.	0.8	22
20	Regulation of the human PDZK1 expression by peroxisome proliferator-activated receptor alpha. <i>FEBS Letters</i> , 2008, 582, 3884-3888.	1.3	20
21	PPAR α activation directly upregulates thrombomodulin in the diabetic retina. <i>Scientific Reports</i> , 2020, 10, 10837.	1.6	18
22	Selective PPAR α Modulator Pemafibrate and Sodium-Glucose Cotransporter 2 Inhibitor Tofogliflozin Combination Treatment Improved Histopathology in Experimental Mice Model of Non-Alcoholic Steatohepatitis. <i>Cells</i> , 2022, 11, 720.	1.8	13
23	Aberrant DNA methylation of pregnane X receptor underlies metabolic gene alterations in the diabetic kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F551-F560.	1.3	12
24	Pivotal role of duct epithelia in salivary gland GVHD . <i>Archives of Histology and Cytology</i> , 2016, 76, 9-21.	0.2	10
25	Spatiotemporal dynamics of SETD5-containing NCoR-HDAC3 complex determines enhancer activation for adipogenesis. <i>Nature Communications</i> , 2021, 12, 7045.	5.8	10
26	Cupid and Psyche system for the diagnosis and treatment of advanced cancer. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 602-611.	1.6	8
27	Degradation of human Lipin-1 by BTRC E3 ubiquitin ligase. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 159-164.	1.0	6
28	Suppression of liver transplant rejection by anti-donor MHC antibodies via depletion of donor immunogenic dendritic cells. <i>International Immunology</i> , 2021, 33, 261-272.	1.8	6
29	Ubiquitination-dependent and -independent repression of target genes by SETDB1 reveal a context-dependent role for its methyltransferase activity during adipogenesis. <i>Genes To Cells</i> , 2021, 26, 513-529.	0.5	6
30	Development of a Ligand Screening Tool Using Full-Length Human Peroxisome Proliferator-Activated Receptor-Expressing Cell Lines to Ameliorate Metabolic Syndrome. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 199-202.	0.6	5
31	Comprehensive genomics in androgen receptor-dependent castration-resistant prostate cancer identifies an adaptation pathway mediated by opioid receptor kappa 1. <i>Communications Biology</i> , 2022, 5, 299.	2.0	3
32	Loss of Down syndrome critical region-1 leads to cholesterol metabolic dysfunction that exaggerates hypercholesterolemia in ApoE-null background. <i>Journal of Biological Chemistry</i> , 2021, 296, 100697.	1.6	2
33	Immunohistochemical detection of hepatocyte nuclear factor-4 in vertebrates. <i>Microscopy Research and Technique</i> , 2021, 84, 2906-2914.	1.2	1
34	Comparison of tumor-infiltrating lymphocytes between primary and metastatic tumors in breast cancer patients. <i>Journal of Clinical Oncology</i> , 2015, 33, 11021-11021.	0.8	0