

# Juro Sakai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

1,993  
citations

20  
h-index

44  
g-index

45  
ext. papers

2,347  
ext. citations

9.2  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
35	Spatiotemporal dynamics of SETD5-containing NCoR-HDAC3 complex determines enhancer activation for adipogenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 7045	17.4	0
34	Metabolic flexibility via mitochondrial BCAA carrier SLC25A44 is required for optimal fever. <i>ELife</i> , <b>2021</b> , 10,	8.9	2
33	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> , <b>2021</b> , 26, 513-529	2.3	2
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> , <b>2021</b> , 296, 100697	5.4	1
31	ERAD components Derlin-1 and Derlin-2 are essential for postnatal brain development and motor function. <i>IScience</i> , <b>2021</b> , 24, 102758	6.1	0
30	Pemafibrate, a selective PPAR $\alpha$ modulator, prevents non-alcoholic steatohepatitis development without reducing the hepatic triglyceride content. <i>Scientific Reports</i> , <b>2020</b> , 10, 7818	4.9	28
29	PPAR $\alpha$ activation directly upregulates thrombomodulin in the diabetic retina. <i>Scientific Reports</i> , <b>2020</b> , 10, 10837	4.9	11
28	Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. <i>Cell Reports</i> , <b>2019</b> , 29, 89-103.e7	10.6	12
27	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> , <b>2019</b> , 67, 199-202	1.9	5
26	Gene Expression Profiles Induced by a Novel Selective Peroxisome Proliferator-Activated Receptor $\alpha$ Modulator (SPPARM) $\alpha$ Pemafibrate. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
25	Histone demethylase JMJD1A coordinates acute and chronic adaptation to cold stress via thermogenic phospho-switch. <i>Nature Communications</i> , <b>2018</b> , 9, 1566	17.4	33
24	Overexpression of p54/NONO induces differential splicing and contributes to castration-resistant prostate cancer growth. <i>Oncotarget</i> , <b>2018</b> , 9, 10510-10524	3.3	12
23	Downregulation of ERG and FLI1 expression in endothelial cells triggers endothelial-to-mesenchymal transition. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007826	6	28
22	Discovery of peroxisome proliferator-activated receptor $\alpha$ (PPAR $\alpha$ ) activators with a ligand-screening system using a human PPAR $\alpha$ -expressing cell line. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 10333-10343	5.4	7
21	Vitamin D Metabolite, 25-Hydroxyvitamin D, Regulates Lipid Metabolism by Inducing Degradation of SREBP/SCAP. <i>Cell Chemical Biology</i> , <b>2017</b> , 24, 207-217	8.2	53
20	KDM3A coordinates actin dynamics with intraflagellar transport to regulate cilia stability. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 999-1013	7.3	21
19	Extracellular Acidic pH Activates the Sterol Regulatory Element-Binding Protein 2 to Promote Tumor Progression. <i>Cell Reports</i> , <b>2017</b> , 18, 2228-2242	10.6	85

18	Degradation of human Lipin-1 by BTRC E3 ubiquitin ligase. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 488, 159-164	3.4	4
17	Transcriptional and epigenetic control of brown and beige adipose cell fate and function. <i>Nature Reviews Molecular Cell Biology</i> , <b>2016</b> , 17, 480-95	48.7	158
16	The KDM3A-KLF2-IRF4 axis maintains myeloma cell survival. <i>Nature Communications</i> , <b>2016</b> , 7, 10258	17.4	61
15	QRFP-Deficient Mice Are Hypophagic, Lean, Hypoactive and Exhibit Increased Anxiety-Like Behavior. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164716	3.7	21
14	Ubiquitination of Lysine 867 of the Human SETDB1 Protein Upregulates Its Histone H3 Lysine 9 (H3K9) Methyltransferase Activity. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165766	3.7	14
13	The H3K9 methyltransferase Setdb1 regulates TLR4-mediated inflammatory responses in macrophages. <i>Scientific Reports</i> , <b>2016</b> , 6, 28845	4.9	21
12	JMJD1A is a signal-sensing scaffold that regulates acute chromatin dynamics via SWI/SNF association for thermogenesis. <i>Nature Communications</i> , <b>2015</b> , 6, 7052	17.4	72
11	H3K4/H3K9me3 Bivalent Chromatin Domains Targeted by Lineage-Specific DNA Methylation Pauses Adipocyte Differentiation. <i>Molecular Cell</i> , <b>2015</b> , 60, 584-96	17.6	126
10	Analysis of the subcellular localization of the human histone methyltransferase SETDB1. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 465, 725-31	3.4	16
9	The FBXL10/KDM2B scaffolding protein associates with novel polycomb repressive complex-1 to regulate adipogenesis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 4163-77	5.4	27
8	PPAR $\gamma$ activation of CD300a controls intestinal immunity. <i>Scientific Reports</i> , <b>2014</b> , 4, 5412	4.9	18
7	Global mapping of cell type-specific open chromatin by FAIRE-seq reveals the regulatory role of the NFI family in adipocyte differentiation. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002311	6	89
6	Sterol-mediated regulation of human lipin 1 gene expression in hepatoblastoma cells. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 22195-22205	5.4	55
5	The peroxisome proliferator-activated receptor gamma/retinoid X receptor alpha heterodimer targets the histone modification enzyme PR-Set7/Setd8 gene and regulates adipogenesis through a positive feedback loop. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 3544-55	4.8	158
4	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
3	Obesity and metabolic syndrome in histone demethylase JHDM2a-deficient mice. <i>Genes To Cells</i> , <b>2009</b> , 14, 991-1001	2.3	146
2	Sterol-regulated release of SREBP-2 from cell membranes requires two sequential cleavages, one within a transmembrane segment. <i>Cell</i> , <b>1996</b> , 85, 1037-46	56.2	427
1	Hairpin orientation of sterol regulatory element-binding protein-2 in cell membranes as determined by protease protection. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 29422-7	5.4	124

