

# Hidetaka Morinaga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9676513/publications.pdf>

Version: 2024-02-01

38  
papers

5,350  
citations

236612

25  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

9557  
citing authors

#	ARTICLE	IF	CITATIONS
1	GPR120 Is an Omega-3 Fatty Acid Receptor Mediating Potent Anti-inflammatory and Insulin-Sensitizing Effects. <i>Cell</i> , 2010, 142, 687-698.	13.5	2,013
2	Mitochondrial fission factor Drp1 is essential for embryonic development and synapse formation in mice. <i>Nature Cell Biology</i> , 2009, 11, 958-966.	4.6	889
3	Increased Macrophage Migration Into Adipose Tissue in Obese Mice. <i>Diabetes</i> , 2012, 61, 346-354.	0.3	304
4	Atrazine-Induced Aromatase Expression Is SF-1 Dependent: Implications for Endocrine Disruption in Wildlife and Reproductive Cancers in Humans. <i>Environmental Health Perspectives</i> , 2007, 115, 720-727.	2.8	214
5	FoxO1 regulates Tlr4 inflammatory pathway signalling in macrophages. <i>EMBO Journal</i> , 2010, 29, 4223-4236.	3.5	203
6	Perilipin 5, a Lipid Droplet-binding Protein, Protects Heart from Oxidative Burden by Sequestering Fatty Acid from Excessive Oxidation. <i>Journal of Biological Chemistry</i> , 2012, 287, 23852-23863.	1.6	190
7	Insulin-like Growth Factor 1/Insulin Signaling Activates Androgen Signaling through Direct Interactions of Foxo1 with Androgen Receptor. <i>Journal of Biological Chemistry</i> , 2007, 282, 7329-7338.	1.6	150
8	Characterization of Distinct Subpopulations of Hepatic Macrophages in HFD/Obese Mice. <i>Diabetes</i> , 2015, 64, 1120-1130.	0.3	143
9	Tributyltin or Triphenyltin Inhibits Aromatase Activity in the Human Granulosa-like Tumor Cell Line KGN. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 198-204.	1.0	137
10	The Subnuclear Three-dimensional Image Analysis of Androgen Receptor Fused to Green Fluorescence Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 28395-28401.	1.6	129
11	The Fractalkine/CX3CR1 System Regulates $\beta^2$ Cell Function and Insulin Secretion. <i>Cell</i> , 2013, 153, 413-425.	13.5	121
12	A Benzimidazole Fungicide, Benomyl, and Its Metabolite, Carbendazim, Induce Aromatase Activity in a Human Ovarian Granulosa-Like Tumor Cell Line (KGN). <i>Endocrinology</i> , 2004, 145, 1860-1869.	1.4	103
13	Exendin-4, a GLP-1 Receptor Agonist, Attenuates Prostate Cancer Growth. <i>Diabetes</i> , 2014, 63, 3891-3905.	0.3	87
14	Herbicide atrazine activates SF-1 by direct affinity and concomitant co-activators recruitments to induce aromatase expression via promoter II. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 1012-1018.	1.0	65
15	GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. <i>Journal of Immunology</i> , 2012, 189, 1992-1999.	0.4	65
16	SF-1/Ad4BP transforms primary long-term cultured bone marrow cells into ACTH-responsive steroidogenic cells. <i>Genes To Cells</i> , 2004, 9, 1239-1247.	0.5	58
17	Transformation products of bisphenol A by a recombinant <i>Trametes villosa</i> laccase and their estrogenic activity. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1212-1218.	1.6	56
18	Differential effect of sulfonylureas on production of reactive oxygen species and apoptosis in cultured pancreatic $\beta^2$ -cell line, MIN6. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1038-1045.	1.5	53

#	ARTICLE	IF	CITATIONS
19	Steroidogenic factor 1/adrenal 4 binding protein transforms human bone marrow mesenchymal cells into steroidogenic cells. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 343-350.	1.1	50
20	Neuronal Sirt1 Deficiency Increases Insulin Sensitivity in Both Brain and Peripheral Tissues. <i>Journal of Biological Chemistry</i> , 2013, 288, 10722-10735.	1.6	50
21	G protein-coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2444-2453.	3.9	49
22	Modulation of Androgen Receptor Transactivation by FoxH1. <i>Journal of Biological Chemistry</i> , 2005, 280, 36355-36363.	1.6	39
23	Marked augmentation of PLGA nanoparticle-induced metabolically beneficial impact of $\beta$ -oryzanol on fuel dyshomeostasis in genetically obese-diabetic <i>ob/ob</i> mice. <i>Drug Delivery</i> , 2017, 24, 558-568.	2.5	31
24	SMAD2 disruption in mouse pancreatic beta cells leads to islet hyperplasia and impaired insulin secretion due to the attenuation of ATP-sensitive K <sup>+</sup> channel activity. <i>Diabetologia</i> , 2014, 57, 157-166.	2.9	30
25	Pancreatic $\beta$ -cell failure in obese mice with human-like CMP-Neu5Ac hydroxylase deficiency. <i>FASEB Journal</i> , 2011, 25, 1887-1893.	0.2	28
26	Activin stimulates CYP19A gene expression in human ovarian granulosa cell-like KGN cells via the Smad2 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 443-448.	1.0	19
27	HMGB2 is a novel adipogenic factor that regulates ectopic fat infiltration in skeletal muscles. <i>Scientific Reports</i> , 2018, 8, 9601.	1.6	17
28	Actions of veratridine on tetrodotoxin-sensitive voltage-gated Na <sup>+</sup> currents, Na <sup>v</sup> 1.6, in murine vas deferens myocytes. <i>British Journal of Pharmacology</i> , 2009, 157, 1483-1493.	2.7	15
29	Molecular and Biophysical Properties of Voltage-Gated Na <sup>+</sup> Channels in Murine Vas Deferens. <i>Biophysical Journal</i> , 2008, 94, 3340-3351.	0.2	13
30	Activation function-1 domain of androgen receptor contributes to the interaction between two distinct subnuclear compartments. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 201-208.	1.2	8
31	Identification of the functional domains of ANT-1, a novel coactivator of the androgen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 192-201.	1.0	7
32	Methylation of a conserved intronic CpG island of mouse SF-1 is associated with cell-specific expression of SF-1 in a culture system but not with tissue-specific expression. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 862-867.	1.0	6
33	Isolation of Deoxycytidine Kinase from Ehrlich Carcinoma Cells by Affinity Chromatography Based on a Substrate Analog, 2'-C-Cyano-2'-deoxy-1- $\beta$ -D-arabinofuranosyl-N <sup>4</sup> -palmitoylcytosine.. <i>Biological and Pharmaceutical Bulletin</i> , 1999, 22, 83-86.	0.6	4
34	High-mobility group box 2 protein is essential for the early phase of adipogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 97-103.	1.0	3
35	A NOVEL AFFINITY CHROMATOGRAPHY METHOD FOR THE CO-PURIFICATION OF DEOXYCYTIDINE KINASE AND CYTIDINE DEAMINASE. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1647-1654.	0.4	1
36	Correction: GPR105 Ablation Prevents Inflammation and Improves Insulin Sensitivity in Mice with Diet-Induced Obesity. <i>Journal of Immunology</i> , 2013, 190, 1380-1380.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Activation of activin type IB receptor signals in pancreatic $\beta^2$ cells leads to defective insulin secretion through the attenuation of ATP-sensitive K <sup>+</sup> channel activity. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 440-446.	1.0	0
38	A Novel Pathway for Regulation of Insulin Secretion by Fractalkine and CX3CR1 System (LB772). <i>FASEB Journal</i> , 2014, 28, LB772.	0.2	0