

# Hiroaki Taniguchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1086543/publications.pdf>

Version: 2024-02-01

47  
papers

1,945  
citations

394286

19  
h-index

254106

43  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome mutational landscape and characterization of noncoding and structural mutations in liver cancer. <i>Nature Genetics</i> , 2016, 48, 500-509.	9.4	596
2	Application of CRISPR/Cas9 Genome Editing Technology for the Improvement of Crops Cultivated in Tropical Climates: Recent Progress, Prospects, and Challenges. <i>Frontiers in Plant Science</i> , 2018, 9, 617.	1.7	149
3	A GATA4/WT1 cooperation regulates transcription of genes required for mammalian sex determination and differentiation. <i>BMC Molecular Biology</i> , 2008, 9, 44.	3.0	139
4	Fas-Fas Ligand System Mediates Luteal Cell Death in Bovine Corpus Luteum1. <i>Biology of Reproduction</i> , 2002, 66, 754-759.	1.2	107
5	GATA Factors and the Nuclear Receptors, Steroidogenic Factor 1/Liver Receptor Homolog 1, Are Key Mutual Partners in the Regulation of the Human 3 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Promoter. <i>Molecular Endocrinology</i> , 2005, 19, 2358-2370.	3.7	82
6	Phytochemicals as potent modulators of autophagy for cancer therapy. <i>Cancer Letters</i> , 2018, 424, 46-69.	3.2	81
7	Chromatin modification of Notch targets in olfactory receptor neuron diversification. <i>Nature Neuroscience</i> , 2012, 15, 224-233.	7.1	75
8	Therapeutic potential of songorine, a diterpenoid alkaloid of the genus <i>Aconitum</i> . <i>European Journal of Medicinal Chemistry</i> , 2018, 153, 29-33.	2.6	59
9	Emerging BRAF Mutations in Cancer Progression and Their Possible Effects on Transcriptional Networks. <i>Genes</i> , 2020, 11, 1342.	1.0	58
10	Protein Kinase A-Dependent Synergism between GATA Factors and the Nuclear Receptor, Liver Receptor Homolog-1, Regulates Human Aromatase (CYP19) PII Promoter Activity in Breast Cancer Cells. <i>Endocrinology</i> , 2005, 146, 4905-4916.	1.4	57
11	The Casein Kinase 2-Nrf1 Axis Controls the Clearance of Ubiquitinated Proteins by Regulating Proteasome Gene Expression. <i>Molecular and Cellular Biology</i> , 2013, 33, 3461-3472.	1.1	50
12	The 25th Volume: Role of the GATA Family of Transcription Factors in Andrology. <i>Journal of Andrology</i> , 2004, 25, 441-452.	2.0	46
13	Inhibitory Mechanism of FAT4 Gene Expression in Response to Actin Dynamics during Src-Induced Carcinogenesis. <i>PLoS ONE</i> , 2015, 10, e0118336.	1.1	46
14	Estradiol-17 $\beta$ Is Produced in Bovine Corpus Luteum1. <i>Biology of Reproduction</i> , 2001, 65, 1634-1639.	1.2	43
15	LRH-1/NR5A2 cooperates with GATA factors to regulate inhibin $\beta$ -subunit promoter activity. <i>Molecular and Cellular Endocrinology</i> , 2006, 257-258, 65-74.	1.6	29
16	Constitutive activation of <i>Drosophila</i> CncC transcription factor reduces lipid formation in the fat body. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 693-698.	1.0	27
17	The expression of the nuclear receptors NR5A1 and NR5A2 and transcription factor GATA6 correlates with steroidogenic gene expression in the bovine corpus luteum. <i>Molecular Reproduction and Development</i> , 2009, 76, 873-880.	1.0	26
18	Molecular Mechanisms Underlying Hepatocellular Carcinoma Induction by Aberrant NRF2 Activation-Mediated Transcription Networks: Interaction of NRF2-KEAP1 Controls the Fate of Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5378.	1.8	22

#	ARTICLE	IF	CITATIONS
19	USP15 stabilizes the transcription factor Nrf1 in the nucleus, promoting the proteasome gene expression. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 363-370.	1.0	20
20	Systematic analysis of mutation distribution in three dimensional protein structures identifies cancer driver genes. <i>Scientific Reports</i> , 2016, 6, 26483.	1.6	20
21	The effect of human GATA4 gene mutations on the activity of target gonadal promoters. <i>Journal of Molecular Endocrinology</i> , 2009, 42, 149-160.	1.1	19
22	Loss-of-function mutations in Zn-finger DNA-binding domain of <i>HNF4A</i> cause aberrant transcriptional regulation in liver cancer. <i>Oncotarget</i> , 2018, 9, 26144-26156.	0.8	17
23	Manipulating Living Cells to Construct a 3D Single-Cell Assembly without an Artificial Scaffold. <i>Polymers</i> , 2017, 9, 319.	2.0	15
24	Possible roles of the transcription factor Nrf1 (NFE2L1) in neural homeostasis by regulating the gene expression of deubiquitinating enzymes. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 176-183.	1.0	14
25	Epidermal Growth Factor Receptor Is an Obligatory Intermediate for Oxytocin-Induced Cyclooxygenase 2 Expression and Prostaglandin F <sub>2</sub> ± Production in Bovine Endometrial Epithelial Cells. <i>Endocrinology</i> , 2010, 151, 1367-1374.	1.4	13
26	Transplantation of dedifferentiated fat cell-derived micromass pellets contributed to cartilage repair in the rat osteochondral defect model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 688-696.	0.5	13
27	Possible Mechanisms for Maintenance and Regression of Corpus Luteum Through the Ubiquitin-Proteasome and Autophagy System Regulated by Transcriptional Factors. <i>Frontiers in Endocrinology</i> , 2019, 10, 748.	1.5	13
28	The lipoxygenase pathways are involved in LH-stimulated progesterone production in bovine corpus luteum. <i>Prostaglandins and Other Lipid Mediators</i> , 2002, 67, 49-60.	1.0	12
29	Emerging Roles of PRDM Factors in Stem Cells and Neuronal System: Cofactor Dependent Regulation of PRDM3/16 and FOG1/2 (Novel PRDM Factors). <i>Cells</i> , 2020, 9, 2603.	1.8	12
30	Chromatin regulators in neurodevelopment and disease: Analysis of fly neural circuits provides insights. <i>BioEssays</i> , 2014, 36, 872-883.	1.2	11
31	Selective autophagic receptor p62 regulates the abundance of transcriptional coregulator ARIP4 during nutrient starvation. <i>Scientific Reports</i> , 2015, 5, 14498.	1.6	8
32	Formation of stable cell-cell contact without a solid/gel scaffold: Non-invasive manipulation by laser under depletion interaction with a polymer. <i>Chemical Physics Letters</i> , 2016, 655-656, 11-16.	1.2	7
33	Influence of Single-Nucleotide Polymorphisms in PPAR-1, PPAR-13, and PRKAA2 on the Changes in Anthropometric Indices and Blood Measurements through Exercise-Centered Lifestyle Intervention in Japanese Middle-Aged Men. <i>International Journal of Molecular Sciences</i> , 2018, 19, 703.	1.8	7
34	Molecular Characterisation of Uterine Endometrial Proteins during Early Stages of Pregnancy in Pigs by MALDI TOF/TOF. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6720.	1.8	7
35	Construction of 3D Cellular Composites with Stem Cells Derived from Adipose Tissue and Endothelial Cells by Use of Optical Tweezers in a Natural Polymer Solution. <i>Materials</i> , 2019, 12, 1759.	1.3	6
36	Whole Mount Immunolabeling of Olfactory Receptor Neurons in the &lt;em>Drosophila</em> Antenna. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	5

#	ARTICLE	IF	CITATIONS
37	Deletion of the Prdm3 Gene Causes a Neuronal Differentiation Deficiency in P19 Cells. International Journal of Molecular Sciences, 2020, 21, 7192.	1.8	5
38	Neurogenesis Using P19 Embryonal Carcinoma Cells. Journal of Visualized Experiments, 2019, , .	0.2	4
39	Disruption of Tumor Suppressors HNF4 <sup>±</sup> /HNF1 <sup>±</sup> Causes Tumorigenesis in Liver. Cancers, 2021, 13, 5357.	1.7	4
40	An Efficient Method to Obtain Dedifferentiated Fat Cells. Journal of Visualized Experiments, 2016, , .	0.2	3
41	Manipulating Living Cells to Construct Stable 3D Cellular Assembly Without Artificial Scaffold. Journal of Visualized Experiments, 2018, , .	0.2	3
42	HNF1A POU Domain Mutations Found in Japanese Liver Cancer Patients Cause Downregulation of HNF4A Promoter Activity with Possible Disruption in Transcription Networks. Genes, 2022, 13, 413.	1.0	3
43	NRF2 DLG Domain Mutations Identified in Japanese Liver Cancer Patients Affect the Transcriptional Activity in HCC Cell Lines. International Journal of Molecular Sciences, 2021, 22, 5296.	1.8	1
44	Oncogenic Mutation BRAF V600E Changes Phenotypic Behavior of THLE-2 Liver Cells through Alteration of Gene Expression. International Journal of Molecular Sciences, 2022, 23, 1548.	1.8	1
45	Imaging of Cell Shape Alteration and Cell Movement in <i>Drosophila</i> Gastrulation Using DE-cadherin Reporter Transgenic Flies. Journal of Visualized Experiments, 2016, , .	0.2	0
46	A Protein Preparation Method for the High-throughput Identification of Proteins Interacting with a Nuclear Cofactor Using LC-MS/MS Analysis. Journal of Visualized Experiments, 2017, , .	0.2	0
47	Hepatocyte Growth Factor is a Regulator in the Proliferation of Microvascular Endothelial Cells in Bovine Corpus Luteum.. Journal of Reproduction and Development, 2002, 48, 49-55.	0.5	0