

# Toshihiro Takizawa

## List of Publications by Year in descending order

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77  
papers

2,358  
citations

304368

22  
h-index

214527

47  
g-index

78  
all docs

78  
docs citations

78  
times ranked

3284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Villous Trophoblasts Express and Secrete Placenta-Specific MicroRNAs into Maternal Circulation via Exosomes <sup>1</sup> . <i>Biology of Reproduction</i> , 2009, 81, 717-729.	1.2	430
2	<i>Hydroxysteroid (17-β) Dehydrogenase 1</i> Is Dysregulated by <i>Mir-210</i> and <i>Mir-518c</i> That Are Aberrantly Expressed in Preeclamptic Placentas. <i>Hypertension</i> , 2012, 59, 265-273.	1.3	166
3	MicroRNA (miRNA) cloning analysis reveals sex differences in miRNA expression profiles between adult mouse testis and ovary. <i>Reproduction</i> , 2008, 136, 811-822.	1.1	164
4	Identification and expression of six family genes in mouse retina. <i>FEBS Letters</i> , 1996, 393, 259-263.	1.3	136
5	RT-PCR-based analysis of microRNA (miR-1 and -124) expression in mouse CNS. <i>Brain Research</i> , 2007, 1131, 37-43.	1.1	119
6	Dysregulated miRNA in progression of hepatocellular carcinoma: A systematic review. <i>Hepatology Research</i> , 2016, 46, 391-406.	1.8	94
7	A Novel FcγR-Defined, IgG-Containing Organelle in Placental Endothelium. <i>Journal of Immunology</i> , 2005, 175, 2331-2339.	0.4	86
8	Correlative Fluorescence and Electron Microscopy on Ultrathin Cryosections: Bridging the Resolution Gap. <i>Journal of Histochemistry and Cytochemistry</i> , 2001, 49, 803-808.	1.3	77
9	Correlative Microscopy Using FluoroNanogold on Ultrathin Cryosections: Proof of Principle. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1097-1102.	1.3	73
10	Human Exosomal Placenta-Associated miR-517a-3p Modulates the Expression of PRKG1 mRNA in Jurkat Cells <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 91, 129.	1.2	72
11	Sequencing and Bioinformatics-Based Analyses of the microRNA Transcriptome in Hepatitis B-Related Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2011, 6, e15304.	1.1	69
12	Ultrathin Cryosections: An Important Tool for Immunofluorescence and Correlative Microscopy <sup>1</sup> . <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 707-714.	1.3	60
13	FluoroNanogold Is a Bifunctional Immunoprobe for Correlative Fluorescence and Electron Microscopy. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 481-485.	1.3	56
14	Cooperation of p300 and PCAF in the Control of MicroRNA 200c/141 Transcription and Epithelial Characteristics. <i>PLoS ONE</i> , 2012, 7, e32449.	1.1	50
15	The Cytotrophoblast Layer of Human Chorionic Villi Becomes Thinner but Maintains Its Structural Integrity During Gestation <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 76, 164-172.	1.2	47
16	MiR-376c Down-Regulation Accelerates EGF-Dependent Migration by Targeting GRB2 in the HuCCT1 Human Intrahepatic Cholangiocarcinoma Cell Line. <i>PLoS ONE</i> , 2013, 8, e69496.	1.1	45
17	Endogenous and exogenous miR-520c-3p modulates CD44-mediated extravillous trophoblast invasion. <i>Placenta</i> , 2017, 50, 25-31.	0.7	45
18	Dysferlin Is Expressed in Human Placenta But Does Not Associate with Caveolin <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 77, 533-542.	1.2	44

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19	Enhanced Labeling Efficiency Using Ultrasmall Immunogold Probes: Immunocytochemistry. Journal of Histochemistry and Cytochemistry, 2000, 48, 487-492.	1.3	43
20	Fc gamma receptor IIb participates in maternal IgG trafficking of human placental endothelial cells. International Journal of Molecular Medicine, 2015, 35, 1273-1289.	1.8	32
21	Ultrasmall immunogold particles: Important probes for immunocytochemistry. , 1998, 42, 13-23.		29
22	A New Method to Enhance Contrast of Ultrathin Cryosections for Immunoelectron Microscopy. Journal of Histochemistry and Cytochemistry, 2003, 51, 31-39.	1.3	29
23	FluoroNanogold: an important probe for correlative microscopy. Journal of Chemical Biology, 2015, 8, 129-142.	2.2	28
24	SnoN/SKIL modulates proliferation through control of hsa-miR-720 transcription in esophageal cancer cells. Biochemical and Biophysical Research Communications, 2013, 430, 101-106.	1.0	23
25	Maternal peripheral blood natural killer cells incorporate placenta-associated microRNAs during pregnancy. International Journal of Molecular Medicine, 2015, 35, 1511-1524.	1.8	22
26	Analysis of Antiphotobleaching Reagents for use with FluoroNanogold in Correlative Microscopy. Journal of Histochemistry and Cytochemistry, 2000, 48, 433-436.	1.3	19
27	Correlative Microscopy of Ultrathin Cryosections in Placental Research. , 2006, 121, 349-368.		19
28	SnoN Overexpression is Predictive of Poor Survival in Patients with Esophageal Squamous Cell Carcinoma. Annals of Surgical Oncology, 2008, 15, 2965-2975.	0.7	18
29	Sevoflurane anesthesia persistently downregulates muscle-specific microRNAs in rat plasma. International Journal of Molecular Medicine, 2014, 34, 291-298.	1.8	18
30	Short RNA Duplexes Elicit RIG-I-mediated Apoptosis in a Cell Type- and Length-Dependent Manner. Science Signaling, 2011, 4, ra74.	1.6	17
31	Long Noncoding RNA HOXA11-AS and Transcription Factor HOXB13 Modulate the Expression of Bone Metastasis-Related Genes in Prostate Cancer. Genes, 2021, 12, 182.	1.0	17
32	Ultrastructure of human scalp hair shafts as revealed by freeze-substitution fixation. , 1998, 251, 406-413.		15
33	Placenta-specific miRNA (miR-512-3p) targets PPP3R1 encoding the calcineurin regulatory subunit in BeWo cells. Journal of Obstetrics and Gynaecology Research, 2014, 40, 650-660.	0.6	15
34	Sex Differences in Shotgun Proteome Analyses for Chronic Oral Intake of Cadmium in Mice. PLoS ONE, 2015, 10, e0121819.	1.1	14
35	1700108J01Rik and 1700101O22Rik are mouse testis-specific long non-coding RNAs. Histochemistry and Cell Biology, 2018, 149, 517-527.	0.8	12
36	LncRNA H19-Derived miR-675-5p Accelerates the Invasion of Extravillous Trophoblast Cells by Inhibiting GATA2 and Subsequently Activating Matrix Metalloproteinases. International Journal of Molecular Sciences, 2021, 22, 1237.	1.8	12

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37	Expression of flotillins in the human placenta: potential implications for placental transcytosis. <i>Histochemistry and Cell Biology</i> , 2013, 139, 487-500.	0.8	11
38	Breast tumor kinase/protein tyrosine kinase 6 (Brk/PTK6) activity in normal and neoplastic biliary epithelia. <i>Journal of Hepatology</i> , 2015, 63, 399-407.	1.8	11
39	Freeze substitution fixation for enzyme histochemistry.. <i>Acta Histochemica Et Cytochemica</i> , 1989, 22, 139-151.	0.8	10
40	Morphology of the mitochondria and endoplasmic reticula of chorion laeve cytotrophoblasts: their resemblance to villous syncytiotrophoblasts rather than villous cytotrophoblasts. <i>Histochemistry and Cell Biology</i> , 2001, 116, 9-15.	0.8	10
41	Stimulated Hofbauer Cells in the Placental Villi from Patients with Second-Trimester Abortions.. <i>Acta Histochemica Et Cytochemica</i> , 1998, 31, 447-452.	0.8	9
42	Enzyme histochemistry on human placental trophoblasts: the effect of fixation delay on enzyme activity. <i>Histochemistry and Cell Biology</i> , 2000, 113, 287-292.	0.8	9
43	Expression profiles and circulation dynamics of rat mesenteric lymph microRNAs. <i>Molecular Medicine Reports</i> , 2017, 15, 1989-1996.	1.1	9
44	5â€²-Nucleotidase in Rat Photoreceptor Cells and Pigment Epithelial Cells Processed by Rapid-freezing Enzyme Cytochemistry. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1091-1095.	1.3	8
45	Extravillous trophoblast invasion accelerated by WNT3A, 5A, and 10B via CD44. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3377-3385.	0.7	7
46	Thin Is Better!: Ultrathin Cryosection Immunocytochemistry. <i>Journal of Nippon Medical School</i> , 2004, 71, 306-307.	0.3	6
47	Correlative Fluorescence and Transmission Electron Microscopy in Tissues. <i>Methods in Cell Biology</i> , 2012, 111, 37-57.	0.5	6
48	Basic and Clinical Studies on Functional RNA Molecules for Advanced Medical Technologies. <i>Journal of Nippon Medical School</i> , 2010, 77, 71-79.	0.3	6
49	Freeze-fracture Cytochemistry: A New Method Combining Immunocytochemistry and Enzyme Cytochemistry on Replicas. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 11-17.	1.3	5
50	High-resolution Immunocytochemical Labeling of Replicas with Ultrasmall Gold. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 569-573.	1.3	5
51	The identification of an active enzyme site by rapid freeze substitution enzyme histochemistry on rat retina.. <i>Acta Histochemica Et Cytochemica</i> , 1991, 24, 121-132.	0.8	4
52	Lead citrate method of guanylate cyclase and its application to tissue receiving rapid freeze substitution fixation.. <i>Acta Histochemica Et Cytochemica</i> , 1992, 25, 181-192.	0.8	4
53	Ultrastructural Localization of Hair Keratins in Human Scalp Hair Shafts as Revealed by Rapid-Freezing Immunocytochemistry.. <i>Acta Histochemica Et Cytochemica</i> , 1998, 31, 237-242.	0.8	3
54	Histochemistry for Placenta Research: Theory and Application. <i>Journal of Nippon Medical School</i> , 2007, 74, 268-273.	0.3	3

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55	The Complex Structure of the Mouse Placental Labyrinth Revealed by Double Immunofluorescence Labeling of Slc2a1 and Gjb2. <i>Journal of Nippon Medical School</i> , 2017, 84, 108-109.	0.3	3
56	Placenta-specific lncRNA 1600012P17Rik is expressed in spongiotrophoblast and glycogen trophoblast cells of mouse placenta. <i>Histochemistry and Cell Biology</i> , 2022, 158, 65-78.	0.8	3
57	New fracture-labelling method: alkaline phosphatase in unstimulated human neutrophils. <i>Journal of Electron Microscopy</i> , 1997, 46, 85-91.	0.9	2
58	Detection of mRNA of Kinesin Superfamily 3A in the Cerebrum and Cerebellum. Biotin-Tyramine-Catalyzed Signal Amplification for In Situ Hybridization.. <i>Acta Histochemica Et Cytochemica</i> , 1999, 32, 275-280.	0.8	2
59	Wnt5a and preeclampsia: is Wnt5a really a causative factor of preeclampsia?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 1087-1088.	0.7	2
60	2. Histochemistry Series Light Microscopic Immunohistochemistry: Fixation and Immunofluorescence Microscopy Using Cryostat-sections (1). <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2009, 5, 136-140.	0.0	2
61	Improved cytochemical method for cyclic 3',5'-nucleotide phosphodiesterase in rat rod outer segments.. <i>Acta Histochemica Et Cytochemica</i> , 1992, 25, 697-705.	0.8	1
62	Placental Exosome-Associated MicroRNAs in Normal Pregnancy and Preeclampsia. <i>Journal of Nippon Medical School</i> , 2011, 78, 48-49.	0.3	1
63	Usefulness of Student Evaluation of Faculty Teaching Using Cellular Telephones. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2006, 2, 121-123.	0.0	1
64	GENERAL SESSION. <i>Acta Histochemica Et Cytochemica</i> , 1989, 22, 738-747.	0.8	0
65	Ultracytochemical Study of Glucose-6-Phosphate Dehydrogenase Activity. <i>Acta Histochemica Et Cytochemica</i> , 1992, 25, 727-735.	0.8	0
66	HVEM Observation of Phagosome-Lysosome Fusion in the Pigment Epithelium.. <i>Acta Histochemica Et Cytochemica</i> , 1997, 30, 675-683.	0.8	0
67	Leukocyte Migration through the Basement Membrane: Ultrastructural-Cytochemical Observation of the Human Fetal Membrane in Women with Chorioamnionitis-Related Preterm Delivery. <i>Acta Histochemica Et Cytochemica</i> , 2005, 38, 339-341.	0.8	0
68	MicroRNA. <i>Comprehensive Gynecology and Obstetrics</i> , 2018, , 209-224.	0.0	0
69	Immunofluorescence Microscopy of Epidermal Desmosome in Molecular Anatomy Course at Nippon Medical School. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2005, 1, 2-3.	0.0	0
70	Both G0/G1 Cell Cycle Arrest and Continuous Activation of MAPK Induce Autophagic Cell Death in bcr-abl-Positive Leukemic Cells.. <i>Blood</i> , 2005, 106, 4301-4301.	0.6	0
71	Virtual Microscopy of Human Full-term Placenta: A New Teaching Tool for Anatomy Education. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2008, 4, 170-171.	0.0	0
72	Current Situation of Student Class Evaluations at Nippon Medical School and Their Pedagogical Significance. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2010, 6, 169-173.	0.0	0

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73	A Tiny Vesicle Called Exosome Is a Key Cellular Compartment for MicroRNA Secretion from Cells. Nihon Ika Daigaku Igakkai Zasshi, 2010, 6, 2-3.	0.0	0
74	2. Histochemistry Series In Situ Hybridization Using Non-radioisotope labeled RNA Probes (4). Nihon Ika Daigaku Igakkai Zasshi, 2010, 6, 23-29.	0.0	0
75	Ultrastructure of Rat Rod Outer Segments Demonstrated by Quick-freezing Techniques. Nihon Ika Daigaku Igakkai Zasshi, 2011, 7, 46-47.	0.0	0
76	2. Histochemistry Series The Basic Knowledge for the Analysis of Clinicopathological Features (7). Nihon Ika Daigaku Igakkai Zasshi, 2011, 7, 24-26.	0.0	0
77	In focus in HCB: new histochemical insights into mammalian gametogenesis. Histochemistry and Cell Biology, 2022, 157, 269-271.	0.8	0