

# Tetsuro Watabe

## List of Publications by Year in descending order

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77  
papers

4,923  
citations

94433

37  
h-index

95266

68  
g-index

79  
all docs

79  
docs citations

79  
times ranked

7424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging roles of inflammation-mediated endothelial-mesenchymal transition in health and disease. <i>Inflammation and Regeneration</i> , 2022, 42, 9.	3.7	37
2	Ras signaling and RREB1 are required for the dissociation of medial edge epithelial cells in murine palatogenesis. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	5
3	Hapten sensitization to vaginal mucosa induces less recruitment of dendritic cells accompanying TGF- $\beta$ 2-expressing CD206 <sup>+</sup> cells compared with skin. <i>Immunity, Inflammation and Disease</i> , 2022, 10, e605.	2.7	3
4	Vascular System in Tumor Microenvironment and Its Application for in vitro Assay. <i>Membrane</i> , 2022, 47, 161-168.	0.0	0
5	Tubulin carboxypeptidase activity of vasohibin-1 inhibits angiogenesis by interfering with endocytosis and trafficking of pro-angiogenic factor receptors. <i>Angiogenesis</i> , 2021, 24, 159-176.	7.2	10
6	Activation of $\beta$ 2-adrenergic receptor signals suppresses mesenchymal phenotypes of oral squamous cell carcinoma cells. <i>Cancer Science</i> , 2021, 112, 155-167.	3.9	12
7	Angiogenic Effects of Secreted Factors from Periodontal Ligament Stem Cells. <i>Dentistry Journal</i> , 2021, 9, 9.	2.3	11
8	ASK1 suppresses NK cell-mediated intravascular tumor cell clearance in lung metastasis. <i>Cancer Science</i> , 2021, 112, 1633-1643.	3.9	5
9	Isolation and characterisation of lymphatic endothelial cells from lung tissues affected by lymphangioleiomyomatosis. <i>Scientific Reports</i> , 2021, 11, 8406.	3.3	5
10	Progression of melanoma is suppressed by targeting all transforming growth factor- $\beta$ 2 isoforms with an Fc chimeric receptor. <i>Oncology Reports</i> , 2021, 46, .	2.6	12
11	Construction of transplantable artificial vascular tissue based on adipose tissue-derived mesenchymal stromal cells by a cell coating and cryopreservation technique. <i>Scientific Reports</i> , 2021, 11, 17989.	3.3	4
12	The ceramide analogue N-(1-hydroxy-3-morpholino-1-phenylpropan-2-yl)decanamide induces large lipid droplet accumulation and highlights the effect of LAMP-2 deficiency on lipid droplet degradation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126891.	2.2	5
13	TGF-beta and TNF-alpha cooperatively induce mesenchymal transition of lymphatic endothelial cells via activation of Activin signals. <i>PLoS ONE</i> , 2020, 15, e0232356.	2.5	34
14	Mechanoresponsive and lubricating changes of mandibular condylar cartilage associated with mandibular lateral shift and recovery in the growing rat. <i>Clinical Oral Investigations</i> , 2020, 24, 3547-3557.	3.0	3
15	Targeting all transforming growth factor- $\beta$ 2 isoforms with an Fc chimeric receptor impairs tumor growth and angiogenesis of oral squamous cell cancer. <i>Journal of Biological Chemistry</i> , 2020, 295, 12559-12572.	3.4	30
16	Intracellular claudin-1 at the invasive front of tongue squamous cell carcinoma is associated with lymph node metastasis. <i>Cancer Science</i> , 2020, 111, 700-712.	3.9	12
17	TNF- $\alpha$ enhances TGF- $\beta$ 2-induced endothelial-mesenchymal transition via TGF- $\beta$ 2 signal augmentation. <i>Cancer Science</i> , 2020, 111, 2385-2399.	3.9	83
18	Peptide-2 from mouse myostatin precursor protein alleviates muscle wasting in cancer-associated cachexia. <i>Cancer Science</i> , 2020, 111, 2954-2964.	3.9	8

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19	Roles of Transcription Factors and Signaling Networks in the Regulation of Lymphatic Endothelial Cell Function. <i>The Journal of Japanese College of Angiology</i> , 2020, 60, 193-196.	0.0	0
20	Fibroblast growth factor signals regulate transforming growth factor $\beta$ -induced endothelial $\rightarrow$ myofibroblast transition of tumor endothelial cells via Elk1. <i>Molecular Oncology</i> , 2019, 13, 1706-1724.	4.6	36
21	Spontaneous differentiation of periodontal ligament stem cells into myofibroblast during ex vivo expansion. <i>Journal of Cellular Physiology</i> , 2019, 234, 20377-20391.	4.1	11
22	Interleukin-13 receptor $\beta 2$ is a novel marker and potential therapeutic target for human melanoma. <i>Scientific Reports</i> , 2019, 9, 1281.	3.3	33
23	Changes in characteristics of periodontal ligament stem cells in spheroid culture. <i>Journal of Periodontal Research</i> , 2019, 54, 364-373.	2.7	18
24	The Fate of Transplanted Periodontal Ligament Stem Cells in Surgically Created Periodontal Defects in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 192.	4.1	34
25	Unilateral nasal obstruction alters sweet taste preference and sweet taste receptors in rat circumvallate papillae. <i>Acta Histochemica</i> , 2019, 121, 135-142.	1.8	6
26	Vasohibin $\beta$ is required for epithelial $\rightarrow$ mesenchymal transition of ovarian cancer cells by modulating transforming growth factor $\beta$ signaling. <i>Cancer Science</i> , 2017, 108, 419-426.	3.9	28
27	Dual targeting of vascular endothelial growth factor and bone morphogenetic protein $\beta$ 9/10 impairs tumor growth through inhibition of angiogenesis. <i>Cancer Science</i> , 2017, 108, 151-155.	3.9	6
28	PDMP, a ceramide analogue, acts as an inhibitor of mTORC1 by inducing its translocation from lysosome to endoplasmic reticulum. <i>Experimental Cell Research</i> , 2017, 350, 103-114.	2.6	14
29	A novel immunotoxin reveals a new role for CD321 in endothelial cells. <i>PLoS ONE</i> , 2017, 12, e0181502.	2.5	8
30	Lysosome-associated membrane proteins-1 and -2 (LAMP-1 and LAMP-2) assemble via distinct modes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 489-495.	2.1	55
31	Bone Morphogenetic Proteins. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a021899.	5.5	356
32	Novel Hybrid Compound of a Plinabulin Prodrug with an IgG Binding Peptide for Generating a Tumor Selective Noncovalent-Type Antibody $\rightarrow$ Drug Conjugate. <i>Bioconjugate Chemistry</i> , 2016, 27, 1606-1613.	3.6	22
33	BMP Sustains Embryonic Stem Cell Self-Renewal through Distinct Functions of Different Kr $\beta$ 4.1-like Factors. <i>Stem Cell Reports</i> , 2016, 6, 64-73.	4.8	61
34	Excess Lymphangiogenesis Cooperatively Induced by Macrophages and CD4 $^{+}$ T Cells Drives the Pathogenesis of Lymphedema. <i>Journal of Investigative Dermatology</i> , 2016, 136, 706-714.	0.7	79
35	MicroRNA $\beta$ 1 is a positive modulator of endothelial $\rightarrow$ mesenchymal transition and associated secretory phenotype induced by TGF $\beta$ 2. <i>Genes To Cells</i> , 2016, 21, 99-116.	1.2	46
36	Roles of signaling and transcriptional networks in pathological lymphangiogenesis. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 161-171.	13.7	31

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37	Expression of platelet-derived growth factor receptor $\beta^2$ is maintained by Prox1 in lymphatic endothelial cells and is required for tumor lymphangiogenesis. <i>Cancer Science</i> , 2014, 105, 1116-1123.	3.9	44
38	Roles of TGF- $\beta^2$ family signals in the fate determination of pluripotent stem cells. <i>Seminars in Cell and Developmental Biology</i> , 2014, 32, 98-106.	5.0	69
39	Widespread inference of weighted microRNA-mediated gene regulation in cancer transcriptome analysis. <i>Nucleic Acids Research</i> , 2013, 41, e62-e62.	14.5	16
40	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18940-18945.	7.1	95
41	TGF- $\beta^2$ -induced mesenchymal transition of MS-1 endothelial cells requires Smad-dependent cooperative activation of Rho signals and MRTF-A. <i>Journal of Biochemistry</i> , 2012, 151, 145-156.	1.7	95
42	Roles of Dppa2 in the regulation of the present status and future of pluripotent stem cells. <i>Journal of Biochemistry</i> , 2012, 152, 1-3.	1.7	6
43	Roles of transcriptional network during the formation of lymphatic vessels. <i>Journal of Biochemistry</i> , 2012, 152, 213-220.	1.7	9
44	TGF- $\beta^2$ -induced epithelial-mesenchymal transition of A549 lung adenocarcinoma cells is enhanced by pro-inflammatory cytokines derived from RAW 264.7 macrophage cells. <i>Journal of Biochemistry</i> , 2012, 151, 205-216.	1.7	117
45	Roles of TGF- $\beta^2$ Signals in Endothelial-Mesenchymal Transition during Cardiac Fibrosis. <i>International Journal of Inflammation</i> , 2011, 2011, 1-8.	1.5	102
46	PROX1 suppresses vitamin K-induced transcriptional activity of steroid and xenobiotic receptor. <i>Genes To Cells</i> , 2011, 16, 1063-1070.	1.2	8
47	Ets family members induce lymphangiogenesis through physical and functional interaction with Prox1. <i>Journal of Cell Science</i> , 2011, 124, 2753-2762.	2.0	46
48	Noncanonical Wnt signaling mediates androgen-dependent tumor growth in a mouse model of prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4938-4943.	7.1	45
49	Roles of old players in the suppression of a new player: networks for the transcriptional control of angiogenesis. <i>Journal of Biochemistry</i> , 2011, 149, 117-119.	1.7	7
50	BMP-9 induces proliferation of multiple types of endothelial cells in vitro and in vivo. <i>Journal of Cell Science</i> , 2010, 123, 1684-1692.	2.0	156
51	VEGFR2-PLC $\beta^3$ axis is essential for endothelial specification of VEGFR2+ vascular progenitor cells. <i>Journal of Cell Science</i> , 2009, 122, 3303-3311.	2.0	39
52	Thyroid Transcription Factor-1 Inhibits Transforming Growth Factor- $\beta^2$ -Mediated Epithelial-to-Mesenchymal Transition in Lung Adenocarcinoma Cells. <i>Cancer Research</i> , 2009, 69, 2783-2791.	0.9	123
53	Identification of targets of Prox1 during in vitro vascular differentiation from embryonic stem cells: functional roles of HoxD8 in lymphangiogenesis. <i>Journal of Cell Science</i> , 2009, 122, 3923-3930.	2.0	33
54	COUP- $\beta$ II regulates the functions of Prox1 in lymphatic endothelial cells through direct interaction. <i>Genes To Cells</i> , 2009, 14, 425-434.	1.2	107

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55	Roles of TGF- $\beta$ 2 family signaling in stem cell renewal and differentiation. <i>Cell Research</i> , 2009, 19, 103-115.	12.0	370
56	Deletion of PSCA increases metastasis of TRAMP-induced prostate tumors without altering primary tumor formation. <i>Prostate</i> , 2008, 68, 139-151.	2.3	34
57	Development of stabilin2+ endothelial cells from mouse embryonic stem cells by inhibition of TGF- $\beta$ 2/activin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 256-260.	2.1	16
58	BMPs Promote Proliferation and Migration of Endothelial Cells via Stimulation of VEGF-A/VEGFR2 and Angiopoietin-1/Tie2 Signalling. <i>Journal of Biochemistry</i> , 2008, 143, 199-206.	1.7	108
59	Ras signaling directs endothelial specification of VEGFR2+ vascular progenitor cells. <i>Journal of Cell Biology</i> , 2008, 181, 131-141.	5.2	42
60	Snail is required for TGF- $\beta$ 2-induced endothelial-mesenchymal transition of embryonic stem cell-derived endothelial cells. <i>Journal of Cell Science</i> , 2008, 121, 3317-3324.	2.0	276
61	Inhibition of endogenous TGF- $\beta$ 2 signaling enhances lymphangiogenesis. <i>Blood</i> , 2008, 111, 4571-4579.	1.4	207
62	Prox1 Induces Lymphatic Endothelial Differentiation via Integrin $\beta$ 9 and Other Signaling Cascades. <i>Molecular Biology of the Cell</i> , 2007, 18, 1421-1429.	2.1	131
63	Activin-Nodal signaling is involved in propagation of mouse embryonic stem cells. <i>Journal of Cell Science</i> , 2007, 120, 55-65.	2.0	163
64	TGF- $\beta$ 2 Signaling in Embryonic Stem Cell-Derived Endothelial Cells. , 2006, 330, 341-352.		7
65	Roles of vascular endothelial growth factor receptor 3 signaling in differentiation of mouse embryonic stem cell-derived vascular progenitor cells into endothelial cells. <i>Blood</i> , 2005, 105, 2372-2379.	1.4	50
66	Effect of Smad7 Expression on Metastasis of Mouse Mammary Carcinoma JygMC(A) Cells. <i>Journal of the National Cancer Institute</i> , 2005, 97, 1734-1746.	6.3	110
67	VEGF-A and FGF-2 synergistically promote neangiogenesis through enhancement of endogenous PDGF- $\beta$ -PDGFR $\beta$ signaling. <i>Journal of Cell Science</i> , 2005, 118, 3759-3768.	2.0	263
68	Roles for the MH2 Domain of Smad7 in the Specific Inhibition of Transforming Growth Factor- $\beta$ 2 Superfamily Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 31568-31574.	3.4	56
69	BMP signals inhibit proliferation and in vivo tumor growth of androgen-insensitive prostate carcinoma cells. <i>Oncogene</i> , 2004, 23, 9326-9335.	5.9	95
70	USAG-1: a bone morphogenetic protein antagonist abundantly expressed in the kidney. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 490-500.	2.1	135
71	TGF- $\beta$ 2 receptor kinase inhibitor enhances growth and integrity of embryonic stem cell-derived endothelial cells. <i>Journal of Cell Biology</i> , 2003, 163, 1303-1311.	5.2	172
72	Growth, regeneration, and tumorigenesis of the prostate activates the PSCA promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 401-406.	7.1	56

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73	Functional Heterogeneity of Bone Morphogenetic Protein Receptor-II Mutants Found in Patients with Primary Pulmonary Hypertension. <i>Molecular Biology of the Cell</i> , 2002, 13, 3055-3063.	2.1	121
74	Coamplification of prostate stem cell antigen (PSCA) and MYC in locally advanced prostate cancer. , 2000, 27, 95-103.		97
75	Xlim-1 and LIM Domain Binding Protein 1 Cooperate with Various Transcription Factors in the Regulation of the goosecoid Promoter. <i>Developmental Biology</i> , 2000, 224, 470-485.	2.0	61
76	Functional Conservation of the Wnt Signaling Pathway Revealed by Ectopic Expression of Drosophila dishevelled in Xenopus. <i>Developmental Biology</i> , 1995, 170, 717-721.	2.0	54
77	Molecular cloning and amino acid sequencing of rat liver class theta glutathione S-transferase Yrs-Yrs inactivating reactive sulfate esters of carcinogenic arylmethanols. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 1294-1300.	2.1	59