

# Yuichi Oike

## List of Publications by Year in descending order

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87  
papers

4,880  
citations

126858

33  
h-index

95218

68  
g-index

91  
all docs

91  
docs citations

91  
times ranked

6536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobilization of Endothelial Progenitor Cells in Patients With Acute Myocardial Infarction. <i>Circulation</i> , 2001, 103, 2776-2779.	1.6	1,109
2	Angiopoietin-like Protein 2 Promotes Chronic Adipose Tissue Inflammation and Obesity-Related Systemic Insulin Resistance. <i>Cell Metabolism</i> , 2009, 10, 178-188.	7.2	302
3	The Role of Angiopoietin-Like Proteins in Angiogenesis and Metabolism. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 6-14.	2.3	291
4	SIRT7 Controls Hepatic Lipid Metabolism by Regulating the Ubiquitin-Proteasome Pathway. <i>Cell Metabolism</i> , 2014, 19, 712-721.	7.2	173
5	Role of Endothelial Cell-Derived Angptl2 in Vascular Inflammation Leading to Endothelial Dysfunction and Atherosclerosis Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 790-800.	1.1	124
6	Diverse roles of ANGPTL2 in physiology and pathophysiology. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 245-254.	3.1	120
7	Angiopoietin-like Protein 2 Is an Important Facilitator of Inflammatory Carcinogenesis and Metastasis. <i>Cancer Research</i> , 2011, 71, 7502-7512.	0.4	119
8	A muscle-liver-fat signalling axis is essential for central control of adaptive adipose remodelling. <i>Nature Communications</i> , 2015, 6, 6693.	5.8	119
9	Angiopoietin-related growth factor (AGF) promotes epidermal proliferation, remodeling, and regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9494-9499.	3.3	112
10	The Adipocyte-Inducible Secreted Phospholipases PLA2G5 and PLA2G2E Play Distinct Roles in Obesity. <i>Cell Metabolism</i> , 2014, 20, 119-132.	7.2	110
11	Tumor Cell-Derived Angiopoietin-like Protein ANGPTL2 Is a Critical Driver of Metastasis. <i>Cancer Research</i> , 2012, 72, 1784-1794.	0.4	109
12	The Secreted Protein ANGPTL2 Promotes Metastasis of Osteosarcoma Cells Through Integrin $\alpha 5 \beta 1$ , p38 MAPK, and Matrix Metalloproteinases. <i>Science Signaling</i> , 2014, 7, ra7.	1.6	101
13	Cdk5rap1-Mediated 2-Methylthio Modification of Mitochondrial tRNAs Governs Protein Translation and Contributes to Myopathy in Mice and Humans. <i>Cell Metabolism</i> , 2015, 21, 428-442.	7.2	95
14	Cooperative interaction of Angiopoietin-like proteins 1 and 2 in zebrafish vascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13502-13507.	3.3	89
15	Defective Mitochondrial tRNA Taurine Modification Activates Global Proteostress and Leads to Mitochondrial Disease. <i>Cell Reports</i> , 2018, 22, 482-496.	2.9	84
16	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.	0.3	79
17	Ageing- and obesity-related peri-muscular adipose tissue accelerates muscle atrophy. <i>PLoS ONE</i> , 2019, 14, e0221366.	1.1	74
18	SIRT7 has a critical role in bone formation by regulating lysine acylation of SP7/Osterix. <i>Nature Communications</i> , 2018, 9, 2833.	5.8	65

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19	Angiotensin-Like Proteins Potential Therapeutic Targets for Metabolic Syndrome and Cardiovascular Disease. <i>Circulation Journal</i> , 2009, 73, 2192-2197.	0.7	59
20	Associations of cardiovascular biomarkers and plasma albumin with exceptional survival to the highest ages. <i>Nature Communications</i> , 2020, 11, 3820.	5.8	58
21	Angiotensin-like Protein 2 Accelerates Carcinogenesis by Activating Chronic Inflammation and Oxidative Stress. <i>Molecular Cancer Research</i> , 2014, 12, 239-249.	1.5	56
22	MicroRNA-204-5p: A novel candidate urinary biomarker of Xp11.2 translocation renal cell carcinoma. <i>Cancer Science</i> , 2019, 110, 1897-1908.	1.7	55
23	ANGPTL2 increases bone metastasis of breast cancer cells through enhancing CXCR4 signaling. <i>Scientific Reports</i> , 2015, 5, 9170.	1.6	49
24	Angiotensin-like protein 2 increases renal fibrosis by accelerating transforming growth factor- $\beta$ signaling in chronic kidney disease. <i>Kidney International</i> , 2016, 89, 327-341.	2.6	48
25	ANGPTL2 expression in the intestinal stem cell niche controls epithelial regeneration and homeostasis. <i>EMBO Journal</i> , 2017, 36, 409-424.	3.5	48
26	TET2-dependent IL-6 induction mediated by the tumor microenvironment promotes tumor metastasis in osteosarcoma. <i>Oncogene</i> , 2018, 37, 2903-2920.	2.6	48
27	Angiotensin-Like Protein 2 Induced by Mechanical Stress Accelerates Degeneration and Hypertrophy of the Ligamentum Flavum in Lumbar Spinal Canal Stenosis. <i>PLoS ONE</i> , 2014, 9, e85542.	1.1	46
28	ANGPTL2 activity in cardiac pathologies accelerates heart failure by perturbing cardiac function and energy metabolism. <i>Nature Communications</i> , 2016, 7, 13016.	5.8	46
29	Treatment of diabetic mice with the SGLT2 inhibitor TA-1887 antagonizes diabetic cachexia and decreases mortality. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 12.	4.5	45
30	The lncRNA Caren antagonizes heart failure by inactivating DNA damage response and activating mitochondrial biogenesis. <i>Nature Communications</i> , 2021, 12, 2529.	5.8	45
31	The exacerbating roles of CCAAT/enhancer-binding protein homologous protein (CHOP) in the development of bleomycin-induced pulmonary fibrosis and the preventive effects of tauroursodeoxycholic acid (TUDCA) against pulmonary fibrosis in mice. <i>Pharmacological Research</i> , 2015, 99, 52-62.	3.1	42
32	Association of circulating ANGPTL 3, 4, and 8 levels with medical status in a population undergoing routine medical checkups: A cross-sectional study. <i>PLoS ONE</i> , 2018, 13, e0193731.	1.1	39
33	Regulation of vasculogenesis and angiogenesis by EphB/ephrin-B2 signaling between endothelial cells and surrounding mesenchymal cells. <i>Blood</i> , 2002, 100, 1326-33.	0.6	38
34	TFE3 Xp11.2 Translocation Renal Cell Carcinoma Mouse Model Reveals Novel Therapeutic Targets and Identifies GPNMB as a Diagnostic Marker for Human Disease. <i>Molecular Cancer Research</i> , 2019, 17, 1613-1626.	1.5	35
35	Isolation and expression patterns of genes for three angiotensin-like proteins, Angptl1, 2 and 6 in zebrafish. <i>Gene Expression Patterns</i> , 2005, 5, 679-685.	0.3	33
36	Angiotensin-like protein 2 promotes inflammatory conditions in the ligamentum flavum in the pathogenesis of lumbar spinal canal stenosis by activating interleukin-6 expression. <i>European Spine Journal</i> , 2015, 24, 2001-2009.	1.0	33

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37	Bile acid binding resin prevents fat accumulation through intestinal microbiota in high-fat diet-induced obesity in mice. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 1-6.	1.5	33
38	Aortic carboxypeptidase-like protein, a WNT ligand, exacerbates nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1581-1596.	3.9	33
39	ANGPTL6 expression is coupled with mitochondrial OXPHOS function to regulate adipose FGF21. <i>Journal of Endocrinology</i> , 2017, 233, 105-118.	1.2	32
40	TMEM65 is a mitochondrial inner-membrane protein. <i>PeerJ</i> , 2014, 2, e349.	0.9	32
41	Prolyl-4-hydroxylase domain 3 (PHD3) is a critical terminator for cell survival of macrophages under stress conditions. <i>Journal of Leukocyte Biology</i> , 2014, 96, 365-375.	1.5	31
42	Serum Angiotensin-Like Protein 2 Is a Novel Risk Factor for Cardiovascular Disease in the Community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1686-1691.	1.1	31
43	Prostaglandin E2-EP4 Axis Promotes Lipolysis and Fibrosis in Adipose Tissue Leading to Ectopic Fat Deposition and Insulin Resistance. <i>Cell Reports</i> , 2020, 33, 108265.	2.9	30
44	Mtu1-Mediated Thiouridine Formation of Mitochondrial tRNAs Is Required for Mitochondrial Translation and Is Involved in Reversible Infantile Liver Injury. <i>PLoS Genetics</i> , 2016, 12, e1006355.	1.5	28
45	Neuregulin-4 is an angiogenic factor that is critically involved in the maintenance of adipose tissue vasculature. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 378-384.	1.0	28
46	Age-dependent increase in angiotensin-like protein 2 accelerates skeletal muscle loss in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 1596-1609.	1.6	27
47	Protection afforded by pre- or post-treatment with 4-phenylbutyrate against liver injury induced by acetaminophen overdose in mice. <i>Pharmacological Research</i> , 2014, 87, 26-41.	3.1	26
48	Persistent Activation of cGMP-Dependent Protein Kinase by a Nitrated Cyclic Nucleotide via Site Specific Protein Guanylation. <i>Biochemistry</i> , 2016, 55, 751-761.	1.2	25
49	Family with sequence similarity 13, member A modulates adipocyte insulin signaling and preserves systemic metabolic homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1529-1534.	3.3	24
50	Angiotensin-like protein 2 renders colorectal cancer cells resistant to chemotherapy by activating spleen tyrosine kinase-phosphoinositide 3-kinase-dependent anti-apoptotic signaling. <i>Cancer Science</i> , 2014, 105, 1550-1559.	1.7	22
51	Angiotensin-like Protein 2 Is a Multistep Regulator of Inflammatory Neovascularization in a Murine Model of Age-related Macular Degeneration. <i>Journal of Biological Chemistry</i> , 2016, 291, 7373-7385.	1.6	22
52	The Autism-Related Protein CHD8 Cooperates with C/EBP $\beta$ to Regulate Adipogenesis. <i>Cell Reports</i> , 2018, 23, 1988-2000.	2.9	22
53	Hepatic posttranscriptional network comprised of CCR4-NOT deadenylase and FGF21 maintains systemic metabolic homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7973-7981.	3.3	21
54	Macrophage-Derived Angiotensin-Like Protein 2 Exacerbates Brain Damage by Accelerating Acute Inflammation after Ischemia-Reperfusion. <i>PLoS ONE</i> , 2016, 11, e0166285.	1.1	21

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55	ANGPTL2 A New Causal Player in Accelerating Heart Disease Development in the Aging . Circulation Journal, 2017, 81, 1379-1385.	0.7	19
56	Loss of Endogenous HMGB2 Promotes Cardiac Dysfunction and Pressure Overload-Induced Heart Failure in Mice. Circulation Journal, 2019, 83, 368-378.	0.7	16
57	Tumor cell-derived angiopoietin-like protein 2 establishes a preference for glycolytic metabolism in lung cancer cells. Cancer Science, 2020, 111, 1241-1253.	1.7	16
58	Vaccine targeting ANGPTL3 ameliorates dyslipidemia and associated diseases in mouse models of obese dyslipidemia and familial hypercholesterolemia. Cell Reports Medicine, 2021, 2, 100446.	3.3	16
59	Increased E4 Activity in Mice Leads to Ubiquitin-containing Aggregates and Degeneration of Hypothalamic Neurons Resulting in Obesity. Journal of Biological Chemistry, 2010, 285, 15538-15547.	1.6	15
60	Circulating ANGPTL2 Levels Increase in Humans and Mice Exhibiting Cardiac Dysfunction. Circulation Journal, 2018, 82, 437-447.	0.7	15
61	SIRT7 is an important regulator of cartilage homeostasis and osteoarthritis development. Biochemical and Biophysical Research Communications, 2018, 496, 891-897.	1.0	14
62	Roles of angiopoietin-like proteins in regulation of stem cell activity. Journal of Biochemistry, 2019, 165, 309-315.	0.9	14
63	Dysfunction of the proteoglycan Tsukushi causes hydrocephalus through altered neurogenesis in the subventricular zone in mice. Science Translational Medicine, 2021, 13, .	5.8	14
64	Interstitial pneumonia induced by bleomycin treatment is exacerbated in <i>Angptl2</i> -deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L704-L713.	1.3	13
65	Mice Deficient in Angiopoietin-like Protein 2 ( <i>Angptl2</i> ) Gene Show Increased Susceptibility to Bacterial Infection Due to Attenuated Macrophage Activity. Journal of Biological Chemistry, 2016, 291, 18843-18852.	1.6	12
66	Upregulation of ANGPTL6 in mouse keratinocytes enhances susceptibility to psoriasis. Scientific Reports, 2016, 6, 34690.	1.6	12
67	Angiopoietin-Like Protein 2 Promotes the Progression of Diabetic Kidney Disease. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 172-180.	1.8	12
68	UVB-activated B16 melanoma cells or HaCaT keratinocytes accelerate signaling pathways associated with melanogenesis via ANGPTL 2 induction, an activity antagonized by Chrysanthemum extract. Experimental Dermatology, 2019, 28, 152-160.	1.4	12
69	Angiopoietin-like protein 2 decreases peritoneal metastasis of ovarian cancer cells by suppressing anoikis resistance. Biochemical and Biophysical Research Communications, 2021, 561, 26-32.	1.0	12
70	Circulating angiopoietin-like protein 2 levels and mortality risk in patients receiving maintenance hemodialysis: a prospective cohort study. Nephrology Dialysis Transplantation, 2020, 35, 854-860.	0.4	10
71	Dual functions of angiopoietin-like protein 2 signaling in tumor progression and anti-tumor immunity. Genes and Development, 2019, 33, 1641-1656.	2.7	9
72	Stroma-derived ANGPTL2 establishes an anti-tumor microenvironment during intestinal tumorigenesis. Oncogene, 2021, 40, 55-67.	2.6	9

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73	Angiopoietin-Like protein 4 deficiency augments liver fibrosis in liver diseases such as nonalcoholic steatohepatitis in mice through enhanced free cholesterol accumulation in hepatic stellate cells. <i>Hepatology Research</i> , 2021, 51, 580-592.	1.8	7
74	Tissue Inhibitor of Metalloproteinase-3 Knockout Mice Exhibit Enhanced Energy Expenditure through Thermogenesis. <i>PLoS ONE</i> , 2014, 9, e94930.	1.1	6
75	Febuxostat, a Xanthine Oxidase Inhibitor, Decreased Macrophage Matrix Metalloproteinase Expression in Hypoxia. <i>Biomedicines</i> , 2020, 8, 470.	1.4	6
76	Angiopoietin-Like Protein 2 Induces Synovial Inflammation in the Facet Joint Leading to Degenerative Changes via Interleukin-6 Secretion. <i>Asian Spine Journal</i> , 2019, 13, 368-376.	0.8	6
77	Identification and Clinical Associations of 3 Forms of Circulating T-cadherin in Human Serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1333-1344.	1.8	5
78	Circulating angiopoietin-like protein 2 levels and arterial stiffness in patients receiving maintenance hemodialysis: A cross-sectional study. <i>Atherosclerosis</i> , 2020, 315, 18-23.	0.4	4
79	Targeting chemoresistance in Xp11.2 translocation renal cell carcinoma using a novel polyamide-chlorambucil conjugate. <i>Cancer Science</i> , 2022, 113, 2352-2367.	1.7	3
80	Tumor cell-derived ANGPTL2 promotes $\beta$ -catenin-driven intestinal tumorigenesis. <i>Oncogene</i> , 2022, 41, 4028-4041.	2.6	3
81	Hyperglycemia and Thrombocytopenia Combinatorially Increase the Risk of Mortality in Patients With Acute Myocardial Infarction Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation. <i>Circulation Reports</i> , 2021, 3, 707-715.	0.4	2
82	Plasma Angiopoietin-Like Protein 2 Levels and Mortality Risk Among Younger-Old Japanese People: A Population-Based Case-Cohort Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1150-1158.	1.7	2
83	Cutting-edge research exploring mechanisms of tissue homeostasis in health and disease. <i>Inflammation and Regeneration</i> , 2015, 35, 164-166.	1.5	1
84	Angiopoietin-Like Growth Factor Involved in Leptin Signaling in the Hypothalamus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3443.	1.8	1
85	Serum Angiopoietin-Like Protein 2 and NT-Pro BNP Levels and Their Associated Factors in Patients with Chronic Heart Failure Participating in a Phase III Cardiac Rehabilitation Program. <i>International Heart Journal</i> , 2021, 62, 980-987.	0.5	1
86	Patho-Physiology of Myelin Deficient Mice. <i>Proceedings of the Japanese Society of Animal Models for Human Diseases</i> , 2006, 22, 47-53.	0.1	0
87	The role of ANGPTL2-induced chronic inflammation in lifestyle diseases and cancer. <i>Inflammation and Regeneration</i> , 2015, 35, 193-202.	1.5	0