

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	Plasma Angiopoietin-Like Protein 2 Levels and Mortality Risk Among Younger-Old Japanese People: A Population-Based Caseâ€“Cohort Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1150-1158.	1.7	2
2	Targeting chemoresistance in Xp11.2 translocation renal cell carcinoma using a novel polyamideâ€“chlorambucil conjugate. <i>Cancer Science</i> , 2022, 113, 2352-2367.	1.7	3
3	Tumor cell-derived ANGPTL2 promotes β -catenin-driven intestinal tumorigenesis. <i>Oncogene</i> , 2022, 41, 4028-4041.	2.6	3
4	Stroma-derived ANGPTL2 establishes an anti-tumor microenvironment during intestinal tumorigenesis. <i>Oncogene</i> , 2021, 40, 55-67.	2.6	9
5	Angiopoietinâ€“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
6	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
7	Angiopoietin-Like Growth Factor Involved in Leptin Signaling in the Hypothalamus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3443.	1.8	1
8	Dysfunction of the proteoglycan Tsukushi causes hydrocephalus through altered neurogenesis in the subventricular zone in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	14
9	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
10	Angiopoietin-like protein 2 decreases peritoneal metastasis of ovarian cancer cells by suppressing anoikis resistance. <i>Biochemical and Biophysical Research Communications</i> , 2021, 561, 26-32.	1.0	12
11	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
12	Hyperglycemia and Thrombocytopeniaâ€“â€“ Combinatorially Increase the Risk of Mortality in Patients With Acute Myocardial Infarction Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation â€“. <i>Circulation Reports</i> , 2021, 3, 707-715.	0.4	2
13	Vaccine targeting ANGPTL3 ameliorates dyslipidemia and associated diseases in mouse models of obese dyslipidemia and familial hypercholesterolemia. <i>Cell Reports Medicine</i> , 2021, 2, 100446.	3.3	16
14	Circulating angiopoietin-like protein 2 levels and mortality risk in patients receiving maintenance hemodialysis: a prospective cohort study. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 854-860.	0.4	10
15	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
16	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
17	Febuxostat, a Xanthine Oxidase Inhibitor, Decreased Macrophage Matrix Metalloproteinase Expression in Hypoxia. <i>Biomedicines</i> , 2020, 8, 470.	1.4	6
18	Associations of cardiovascular biomarkers and plasma albumin with exceptional survival to the highest ages. <i>Nature Communications</i> , 2020, 11, 3820.	5.8	58

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19	Tumor cell-derived angiotensin-like protein 2 establishes a preference for glycolytic metabolism in lung cancer cells. <i>Cancer Science</i> , 2020, 111, 1241-1253.	1.7	16
20	Angiotensin-Like Protein 2 Promotes the Progression of Diabetic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 172-180.	1.8	12
21	Age- and obesity-related peri-muscular adipose tissue accelerates muscle atrophy. <i>PLoS ONE</i> , 2019, 14, e0221366.	1.1	74
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	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
24	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
25	Roles of angiotensin-like proteins in regulation of stem cell activity. <i>Journal of Biochemistry</i> , 2019, 165, 309-315.	0.9	14
26	Dual functions of angiotensin-like protein 2 signaling in tumor progression and anti-tumor immunity. <i>Genes and Development</i> , 2019, 33, 1641-1656.	2.7	9
27	UV-activated B16 melanoma cells or HaCaT keratinocytes accelerate signaling pathways associated with melanogenesis via ANGPTL 2 induction, an activity antagonized by Chrysanthemum extract. <i>Experimental Dermatology</i> , 2019, 28, 152-160.	1.4	12
28	Loss of Endogenous HMGB2 Promotes Cardiac Dysfunction and Pressure Overload-Induced Heart Failure in Mice. <i>Circulation Journal</i> , 2019, 83, 368-378.	0.7	16
29	Angiotensin-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
30	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
31	SIRT7 is an important regulator of cartilage homeostasis and osteoarthritis development. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 891-897.	1.0	14
32	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
33	Defective Mitochondrial tRNA Taurine Modification Activates Global Proteostress and Leads to Mitochondrial Disease. <i>Cell Reports</i> , 2018, 22, 482-496.	2.9	84
34	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
35	Circulating ANGPTL2 Levels Increase in Humans and Mice Exhibiting Cardiac Dysfunction. <i>Circulation Journal</i> , 2018, 82, 437-447.	0.7	15
36	The Autism-Related Protein CHD8 Cooperates with C/EBP β to Regulate Adipogenesis. <i>Cell Reports</i> , 2018, 23, 1988-2000.	2.9	22

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37	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
38	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
39	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
40	Aortic carboxypeptidase-like protein, a WNT ligand, exacerbates nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1581-1596.	3.9	33
41	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
42	ANGPTL6 expression is coupled with mitochondrial OXPHOS function to regulate adipose FGF21. <i>Journal of Endocrinology</i> , 2017, 233, 105-118.	1.2	32
43	ANGPTL2 expression in the intestinal stem cell niche controls epithelial regeneration and homeostasis. <i>EMBO Journal</i> , 2017, 36, 409-424.	3.5	48
44	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
45	ANGPTL2: A New Causal Player in Accelerating Heart Disease Development in the Aging. <i>Circulation Journal</i> , 2017, 81, 1379-1385.	0.7	19
46	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
47	Interstitial pneumonia induced by bleomycin treatment is exacerbated in Angptl2-deficient mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L704-L713.	1.3	13
48	Mice Deficient in Angiopoietin-like Protein 2 (Angptl2) Gene Show Increased Susceptibility to Bacterial Infection Due to Attenuated Macrophage Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 18843-18852.	1.6	12
49	Serum Angiopoietin-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
50	Upregulation of ANGPTL6 in mouse keratinocytes enhances susceptibility to psoriasis. <i>Scientific Reports</i> , 2016, 6, 34690.	1.6	12
51	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
52	Persistent Activation of cGMP-Dependent Protein Kinase by a Nitrated Cyclic Nucleotide via Site Specific Protein S-Guanylation. <i>Biochemistry</i> , 2016, 55, 751-761.	1.2	25
53	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
54	Angiopoietin-like protein 2 increases renal fibrosis by accelerating transforming growth factor- β signaling in chronic kidney disease. <i>Kidney International</i> , 2016, 89, 327-341.	2.6	48

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55	Angiopoietin-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
56	Macrophage-Derived Angiopoietin-Like Protein 2 Exacerbates Brain Damage by Accelerating Acute Inflammation after Ischemia-Reperfusion. <i>PLoS ONE</i> , 2016, 11, e0166285.	1.1	21
57	Cutting-edge research exploring mechanisms of tissue homeostasis in health and disease. <i>Inflammation and Regeneration</i> , 2015, 35, 164-166.	1.5	1
58	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
59	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
60	Angiopoietin-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
61	ANGPTL2 increases bone metastasis of breast cancer cells through enhancing CXCR4 signaling. <i>Scientific Reports</i> , 2015, 5, 9170.	1.6	49
62	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
63	The role of ANGPTL2-induced chronic inflammation in lifestyle diseases and cancer. <i>Inflammation and Regeneration</i> , 2015, 35, 193-202.	1.5	0
64	Angiopoietin-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
65	Tissue Inhibitor of Metalloproteinase-3 Knockout Mice Exhibit Enhanced Energy Expenditure through Thermogenesis. <i>PLoS ONE</i> , 2014, 9, e94930.	1.1	6
66	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
67	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
68	Angiopoietin-like protein 2 renders colorectal cancer cells resistant to chemotherapy by activating spleen tyrosine kinase-dependent anti-apoptotic signaling. <i>Cancer Science</i> , 2014, 105, 1550-1559.	1.7	22
69	Angiopoietin-like Protein 2 Accelerates Carcinogenesis by Activating Chronic Inflammation and Oxidative Stress. <i>Molecular Cancer Research</i> , 2014, 12, 239-249.	1.5	56
70	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
71	SIRT7 Controls Hepatic Lipid Metabolism by Regulating the Ubiquitin-Proteasome Pathway. <i>Cell Metabolism</i> , 2014, 19, 712-721.	7.2	173
72	Diverse roles of ANGPTL2 in physiology and pathophysiology. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 245-254.	3.1	120

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73	Role of Endothelial Cellâ€‘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
74	The Adipocyte-Inducible Secreted Phospholipases PLA2G5 and PLA2G2E Play Distinct Roles in Obesity. <i>Cell Metabolism</i> , 2014, 20, 119-132.	7.2	110
75	TMEM65 is a mitochondrial inner-membrane protein. <i>PeerJ</i> , 2014, 2, e349.	0.9	32
76	Tumor Cellâ€‘Derived Angiopoietin-like Protein ANGPTL2 Is a Critical Driver of Metastasis. <i>Cancer Research</i> , 2012, 72, 1784-1794.	0.4	109
77	Angiopoietin-like Protein 2 Is an Important Facilitator of Inflammatory Carcinogenesis and Metastasis. <i>Cancer Research</i> , 2011, 71, 7502-7512.	0.4	119
78	Increased E4 Activity in Mice Leads to Ubiquitin-containing Aggregates and Degeneration of Hypothalamic Neurons Resulting in Obesity. <i>Journal of Biological Chemistry</i> , 2010, 285, 15538-15547.	1.6	15
79	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
80	Angiopoietin-Like Proteins Potential Therapeutic Targets for Metabolic Syndrome and Cardiovascular Disease. <i>Circulation Journal</i> , 2009, 73, 2192-2197.	0.7	59
81	The Role of Angiopoietin-Like Proteins in Angiogenesis and Metabolism. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 6-14.	2.3	291
82	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
83	Isolation and expression patterns of genes for three angiopoietin-like proteins, Angptl1, 2 and 6 in zebrafish. <i>Gene Expression Patterns</i> , 2005, 5, 679-685.	0.3	33
84	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
85	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
86	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
87	Mobilization of Endothelial Progenitor Cells in Patients With Acute Myocardial Infarction. <i>Circulation</i> , 2001, 103, 2776-2779.	1.6	1,109