

Hisakazu Ogita

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/837478/publications.pdf>

Version: 2024-02-01

89
papers

4,869
citations

94269

37
h-index

95083

68
g-index

98
all docs

98
docs citations

98
times ranked

5924
citing authors

#	ARTICLE	IF	CITATIONS
1	Nectins and nectin-like molecules: roles in contact inhibition of cell movement and proliferation. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 603-615.	16.1	483
2	The Immunoglobulin-Like Cell Adhesion Molecule Nectin and Its Associated Protein Afadin. <i>Annual Review of Cell and Developmental Biology</i> , 2008, 24, 309-342.	4.0	310
3	Requirement of Rac1 in the development of cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7432-7437.	3.3	268
4	SGLT2 Inhibition Mediates Protection from Diabetic Kidney Disease by Promoting Ketone Body-Induced mTORC1 Inhibition. <i>Cell Metabolism</i> , 2020, 32, 404-419.e6.	7.2	197
5	Endothelial Function and Oxidative Stress. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2004, 11, 123-132.	1.7	145
6	Comparison of the prognostic value of cardiac iodine-123 metaiodobenzylguanidine imaging and heart rate variability in patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2003, 41, 231-238.	1.2	139
7	Involvement of the c-Src-Crk-C3G-Rap1 Signaling in the Nectin-induced Activation of Cdc42 and Formation of Adherens Junctions. <i>Journal of Biological Chemistry</i> , 2005, 280, 815-825.	1.6	133
8	Echocardiographic assessment of LV hypertrophy and function in aortic-banded mice: necropsy validation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1703-H1708.	1.5	124
9	Overexpression of Necl-5 correlates with unfavorable prognosis in patients with lung adenocarcinoma. <i>Cancer Science</i> , 2010, 101, 1326-1330.	1.7	124
10	Activation of Adenosine A1 Receptor Attenuates Cardiac Hypertrophy and Prevents Heart Failure in Murine Left Ventricular Pressure-Overload Model. <i>Circulation Research</i> , 2003, 93, 759-766.	2.0	120
11	Prediction of paroxysmal atrial fibrillation in patients with congestive heart failure: a prospective study. <i>Journal of the American College of Cardiology</i> , 2000, 35, 405-413.	1.2	119
12	Involvement of the Interaction of Afadin with ZO-1 in the Formation of Tight Junctions in Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 5003-5012.	1.6	109
13	EphA4-Mediated Rho Activation via Vsm-RhoGEF Expressed Specifically in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2003, 93, 23-31.	2.0	103
14	Inhibition of Apoptosis-Regulated Signaling Kinase-1 and Prevention of Congestive Heart Failure by Estrogen. <i>Circulation</i> , 2007, 115, 3197-3204.	1.6	103
15	Activation of Cdc42 by trans interactions of the cell adhesion molecules nectins through c-Src and Cdc42-GEF FRG. <i>Journal of Cell Biology</i> , 2004, 166, 393-405.	2.3	102
16	The roles of nectins in cell adhesions: cooperation with other cell adhesion molecules and growth factor receptors. <i>Current Opinion in Cell Biology</i> , 2007, 19, 593-602.	2.6	101
17	Cardioprotective Effect Afforded by Transient Exposure to Phosphodiesterase III Inhibitors. <i>Circulation</i> , 2001, 104, 705-710.	1.6	97
18	Role of Phasic Dynamism of p38 Mitogen-Activated Protein Kinase Activation in Ischemic Preconditioning of the Canine Heart. <i>Circulation Research</i> , 2001, 88, 175-180.	2.0	96

#	ARTICLE	IF	CITATIONS
19	Adaptor Protein Crk Is Required for Ephrin-B1-induced Membrane Ruffling and Focal Complex Assembly of Human Aortic Endothelial Cells. <i>Molecular Biology of the Cell</i> , 2002, 13, 4231-4242.	0.9	87
20	Interaction of Integrin $\alpha 5 \beta 3$ with Nectin. <i>Journal of Biological Chemistry</i> , 2006, 281, 19631-19644.	1.6	82
21	Vav2 as a Rac-GDP/GTP Exchange Factor Responsible for the Nectin-induced, c-Src- and Cdc42-mediated Activation of Rac. <i>Journal of Biological Chemistry</i> , 2005, 280, 4940-4947.	1.6	81
22	Nectins and nectin-like molecules: Roles in cell adhesion, polarization, movement, and proliferation. <i>IUBMB Life</i> , 2006, 58, 334-343.	1.5	79
23	Role of Afadin in Vascular Endothelial Growth Factor α and Sphingosine 1-Phosphate α Induced Angiogenesis. <i>Circulation Research</i> , 2010, 106, 1731-1742.	2.0	74
24	Role of mitochondrial and sarcolemmal KATP channels in ischemic preconditioning of the canine heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H256-H263.	1.5	71
25	Long-Acting Ca ²⁺ Blockers Prevent Myocardial Remodeling Induced by Chronic NO Inhibition in Rats. <i>Hypertension</i> , 2003, 41, 963-967.	1.3	62
26	Involvement of the nectin-afadin complex in PDGF-induced cell survival. <i>Journal of Cell Science</i> , 2008, 121, 2008-2017.	1.2	55
27	Silencing of ErbB3/ErbB2 Signaling by Immunoglobulin-like Necl-2. <i>Journal of Biological Chemistry</i> , 2009, 284, 23793-23805.	1.6	52
28	Mutant <i>KCNJ3</i> and <i>KCNJ5</i> Potassium Channels as Novel Molecular Targets in Bradyarrhythmias and Atrial Fibrillation. <i>Circulation</i> , 2019, 139, 2157-2169.	1.6	51
29	Novel Therapeutic Role for Dipeptidyl Peptidase III in the Treatment of Hypertension. <i>Hypertension</i> , 2016, 68, 630-641.	1.3	49
30	β -Adrenoceptor Blocker Carvedilol Provides Cardioprotection via an Adenosine-Dependent Mechanism in Ischemic Canine Hearts. <i>Circulation</i> , 2004, 109, 2773-2779.	1.6	48
31	Cell adhesion molecules nectins and associating proteins: Implications for physiology and pathology. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 621-629.	1.6	48
32	Epithelial membrane protein 1 promotes tumor metastasis by enhancing cell migration via copine-III and Rac1. <i>Oncogene</i> , 2018, 37, 5416-5434.	2.6	48
33	Differential Subcellular Actions of ACE Inhibitors and AT 1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats. <i>Hypertension</i> , 2001, 38, 404-411.	1.3	45
34	Cross-Talk Among Integrin, Cadherin, and Growth Factor Receptor: Roles of Nectin and Nectin-Like Molecule. <i>International Review of Cytology</i> , 2008, 265, 1-54.	6.2	42
35	Regulation by Afadin of Cyclical Activation and Inactivation of Rap1, Rac1, and RhoA Small G Proteins at Leading Edges of Moving NIH3T3 Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 24595-24609.	1.6	42
36	Unique haplotype in exon 3 of cone opsin mRNA affects splicing of its precursor, leading to congenital color vision defect. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 152-157.	1.0	42

#	ARTICLE	IF	CITATIONS
37	Regulation of Platelet-derived Growth Factor Receptor Activation by Afadin through SHP-2. <i>Journal of Biological Chemistry</i> , 2007, 282, 37815-37825.	1.6	41
38	Amelioration of ischemia- and reperfusion-induced myocardial injury by the selective estrogen receptor modulator, raloxifene, in the canine heart. <i>Journal of the American College of Cardiology</i> , 2002, 40, 998-1005.	1.2	37
39	Localization of nectin-free afadin at the leading edge and its involvement in directional cell movement induced by platelet-derived growth factor. <i>Journal of Cell Science</i> , 2009, 122, 4319-4329.	1.2	37
40	Involvement of afadin in the formation and remodeling of synapses in the hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 539-544.	1.0	37
41	Raloxifene Prevents Cardiac Hypertrophy and Dysfunction in Pressure-Overloaded Mice. <i>Hypertension</i> , 2004, 43, 237-242.	1.3	36
42	Opening of the adenosine triphosphate-sensitive potassium channel attenuates cardiac remodeling induced by long-term inhibition of nitric oxide synthesis. <i>Journal of the American College of Cardiology</i> , 2002, 40, 991-997.	1.2	34
43	Cooperative Role of Nectin-Nectin and Nectin-Afadin Interactions in Formation of Nectin-based Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2011, 286, 36297-36303.	1.6	34
44	Involvement of integrin-induced activation of protein kinase C in the formation of adherens junctions. <i>Genes To Cells</i> , 2007, 12, 651-662.	0.5	33
45	Involvement of Nectin in Inactivation of Integrin $\alpha 5 \beta 1$ after the Establishment of Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2008, 283, 496-505.	1.6	33
46	Methotrexate and MX-68, a New Derivative of Methotrexate, Limit Infarct Size via Adenosine-Dependent Mechanisms in Canine Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 574-579.	0.8	31
47	Establishment of cell polarity by afadin during the formation of embryoid bodies. <i>Genes To Cells</i> , 2008, 13, 79-90.	0.5	30
48	Selective blockade of serotonin 5-HT _{2A} receptor increases coronary blood flow via augmented cardiac nitric oxide release through 5-HT _{1B} receptor in hypoperfused canine hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 1219-23.	0.9	29
49	Eicosapentaenoic Acid Reduces Myocardial Injury Induced by Ischemia and Reperfusion in Rabbit Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 964-969.	0.8	28
50	The Pivotal Roles of the Epithelial Membrane Protein Family in Cancer Invasiveness and Metastasis. <i>Cancers</i> , 2019, 11, 1620.	1.7	28
51	Up-regulation of Loricrin Expression by Cell Adhesion Molecule Nectin-1 through Rap1-ERK Signaling in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 18173-18181.	1.6	27
52	Roles of cell adhesion molecules nectin and nectin-like molecule-5 in the regulation of cell movement and proliferation. <i>Journal of Microscopy</i> , 2008, 231, 455-465.	0.8	24
53	An Adaptor Molecule Afadin Regulates Lymphangiogenesis by Modulating RhoA Activity in the Developing Mouse Embryo. <i>PLoS ONE</i> , 2013, 8, e68134.	1.1	24
54	Raloxifene Improves Coronary Perfusion, Cardiac Contractility, and Myocardial Metabolism in the Ischemic Heart: Role of Phosphatidylinositol 3-Kinase/Akt Pathway. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 821-829.	0.8	22

#	ARTICLE	IF	CITATIONS
55	S-nitrosylated and pegylated hemoglobin, a newly developed artificial oxygen carrier, exerts cardioprotection against ischemic hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 924-930.	0.9	22
56	Transcriptional regulation of the legumain gene by p53 in HCT116 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 613-618.	1.0	22
57	Cell-cell contact-mediated regulation of tumor behavior in the tumor microenvironment. <i>Cancer Science</i> , 2021, 112, 4005-4012.	1.7	22
58	Angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers synergistically increase coronary blood flow in canine ischemic myocardium. <i>Journal of the American College of Cardiology</i> , 2002, 40, 162-166.	1.2	21
59	Role of Scaffold Protein Afadin Dilute Domain-interacting Protein (ADIP) in Platelet-derived Growth Factor-induced Cell Movement by Activating Rac Protein through Vav2 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 43537-43548.	1.6	20
60	Targeting the mevalonate pathway is a novel therapeutic approach to inhibit oncogenic FoxM1 transcription factor in human hepatocellular carcinoma. <i>Oncotarget</i> , 2018, 9, 21022-21035.	0.8	20
61	Vascular Endothelial Growth Factor-A Exerts Diverse Cellular Effects via Small G Proteins, Rho and Rap. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1203.	1.8	18
62	Activation of Rap1, Cdc42, and Rac by Nectin Adhesion System. <i>Methods in Enzymology</i> , 2006, 406, 415-424.	0.4	16
63	Celiprolol Increases Coronary Blood Flow and Reduces Severity of Myocardial Ischemia via Nitric Oxide Release. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 499-505.	0.8	14
64	Purification, molecular cloning and functional characterization of swine phosphatidylethanolamine-binding protein 4 from seminal plasma. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 690-696.	1.0	13
65	The Role of Estrogen and Estrogen-Related Drugs in Cardiovascular Diseases. <i>Current Drug Metabolism</i> , 2003, 4, 497-504.	0.7	13
66	Novel mutations in the gene for α -subunit of retinal cone cyclic nucleotide-gated channels in a Japanese patient with congenital achromatopsia. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 187-197.	0.9	12
67	Associations of serum LDL particle concentration with carotid intima-media thickness and coronary artery calcification. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1195-1202.e1.	0.6	12
68	Cardio- and reno-protective effects of dipeptidyl peptidase III in diabetic mice. <i>Journal of Biological Chemistry</i> , 2021, 296, 100761.	1.6	12
69	Pathophysiological Implications of Dipeptidyl Peptidases. <i>Current Protein and Peptide Science</i> , 2017, 18, 843-849.	0.7	12
70	Actin-Tethered Junctional Complexes in Angiogenesis and Lymphangiogenesis in Association with Vascular Endothelial Growth Factor. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	11
71	Anosmin-1 activates vascular endothelial growth factor receptor and its related signaling pathway for olfactory bulb angiogenesis. <i>Scientific Reports</i> , 2020, 10, 188.	1.6	11
72	Differential Effects of Myocardial Afadin on Pressure Overload-Induced Compensated Cardiac Hypertrophy. <i>Circulation Journal</i> , 2017, 81, 1862-1870.	0.7	10

#	ARTICLE	IF	CITATIONS
73	Genotype determination of the OPN1LW/OPN1MW genes: novel disease-causing mechanisms in Japanese patients with blue cone monochromacy. <i>Scientific Reports</i> , 2018, 8, 11507.	1.6	10
74	Canine DNA Array as a Potential Tool for Combining Physiology and Molecular Biology-An Application for the Gene Expression Profile of Regional Ischemic Myocardium-. <i>Circulation Journal</i> , 2003, 67, 788-792.	0.7	9
75	Lipoprotein-Associated Phospholipase A2 Regulates Macrophage Apoptosis via the Akt and Caspase-7 Pathways. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 839-853.	0.9	9
76	Significance of serum Zn ²⁺ -glycoprotein for the regulation of blood pressure. <i>Hypertension Research</i> , 2015, 38, 244-251.	1.5	9
77	Protective effects of intercalated disk protein afadin on chronic pressure overload-induced myocardial damage. <i>Scientific Reports</i> , 2017, 7, 39335.	1.6	9
78	Knockdown of legumain inhibits cleavage of annexin A2 in the mouse kidney. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 482-487.	1.0	7
79	Differences Between Patients with and without Atherosclerosis in Expression Levels of Inflammatory Mediators in the Adipose Tissue Around the Coronary Artery. <i>International Heart Journal</i> , 2021, 62, 390-395.	0.5	7
80	Domain 5 of high molecular weight kininogen inhibits collagen-mediated cancer cell adhesion and invasion in association with β -actinin-4. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 497-502.	1.0	6
81	Identification of transmembrane protein 168 mutation in familial Brugada syndrome. <i>FASEB Journal</i> , 2020, 34, 6399-6417.	0.2	6
82	Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. <i>Alcohol</i> , 2021, 90, 57-65.	0.8	6
83	A calcium channel blocker amlodipine increases coronary blood flow via both adenosine- and NO-dependent mechanisms in ischemic hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 605-614.	0.9	5
84	A new subset of deutan colour vision defect associated with an L/M visual pigment gene array of normal order and Δ 71C substitution in the Japanese population. <i>Journal of Biochemistry</i> , 2015, 158, 197-204.	0.9	3
85	Stomatin-Mediated Inhibition of the Akt Signaling Axis Suppresses Tumor Growth. <i>Cancer Research</i> , 2021, 81, 2318-2331.	0.4	3
86	Nectins and Nectin-Like Molecules in the Nervous System. , 2009, , 185-206.		1
87	Transmembrane protein 168 mutation reduces cardiomyocyte cell surface expression of Nav1.5 through β -crystallin intracellular dynamics. <i>Journal of Biochemistry</i> , 2021, 170, 577-585.	0.9	1
88	Associations Between Habitual Dietary Behaviors and Glutamic Acid Levels in Human Milk. <i>Journal of Human Lactation</i> , 2023, 39, 315-324.	0.8	1
89	Novel mutations in the L visual pigment gene found in Japanese men with protan color-vision defect having a normal order L/M gene array. <i>Ophthalmic Genetics</i> , 2016, 37, 471-472.	0.5	0