

Ken-Ichi Hirano

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,493
citations

361413

20
h-index

315739

38
g-index

55
all docs

55
docs citations

55
times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical significance of 123I-BMIPP washout rate in patients with uncertain chronic heart failure. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3129-3139.	6.4	6
2	Prevalence and clinical outcomes of triglyceride deposit cardiomyovasculopathy among haemodialysis patients. <i>Heart</i> , 2021, 107, 127-134.	2.9	12
3	Triglyceride Deposit Cardiomyovasculopathy with Massive Myocardial Triglyceride which Was Proven Using Proton-magnetic Resonance Spectroscopy. <i>Internal Medicine</i> , 2021, 60, 1217-1220.	0.7	1
4	Genetic Deficiency of Adipose Triglyceride Lipase Is Associated With a Novel Type of Podocytopathy. <i>Kidney International Reports</i> , 2021, 6, 2722-2725.	0.8	3
5	Outside-in signaling by femoral cuff injury induces a distinct vascular lesion in adipose triglyceride lipase knockout mice. <i>Histology and Histopathology</i> , 2021, 36, 91-100.	0.7	0
6	A historical case of primary triglyceride deposit cardiomyovasculopathy. <i>Pathology International</i> , 2020, 70, 58-61.	1.3	2
7	Association of Triglyceride Deposit Cardiomyovasculopathy With Drug-Eluting Stent Restenosis Among Patients With Diabetes. <i>JAMA Network Open</i> , 2020, 3, e2012583.	5.9	11
8	Aortic insufficiency associated with Impella that required surgical intervention upon implantation of the durable left ventricular assist device. <i>Journal of Artificial Organs</i> , 2020, 23, 378-382.	0.9	6
9	Levitating Cells to Sort the Fit and the Fat. <i>Advanced Biology</i> , 2020, 4, 1900300.	3.0	15
10	The Diagnostic Criteria 2020 for Triglyceride Deposit Cardiomyovasculopathy. <i>Annals of Nuclear Cardiology</i> , 2020, 6, 99-104.	0.2	16
11	Correlation Perspectives for the Diagnosis of Idiopathic Triglyceride Deposit Cardiomyovasculopathy. <i>Annals of Nuclear Cardiology</i> , 2020, 6, 33-38.	0.2	6
12	Effect of Tricaprin on Cardiac Proteome in a Mouse Model for Triglyceride Deposit Cardiomyovasculopathy. <i>Journal of Oleo Science</i> , 2020, 69, 1569-1577.	1.4	5
13	Detection of Jordansâ€™ anomaly using compact-type automated hematology analyzer. <i>International Journal of Hematology</i> , 2019, 110, 129-130.	1.6	0
14	Development of a simultaneous quantitation for short-, medium-, long-, and very long-chain fatty acids in human plasma by 2-nitrophenylhydrazine-derivatization and liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121771.	2.3	16
15	Triglyceride deposit cardiomyovasculopathy: a rare cardiovascular disorder. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 134.	2.7	34
16	Intractable Coronary Artery Disease in a Patient With Type 2 Diabetes Presenting With Triglyceride Deposit Cardiomyovasculopathy. <i>Diabetes Care</i> , 2019, 42, 983-986.	8.6	6
17	Increased Washout of ¹²³ I-BMIPP in Triglyceride Deposit Cardiomyovasculopathy (TGCV) with Severe Coronary Stenosis. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 47-49.	0.2	1
18	Triglyceride Deposit Cardiomyovasculopathy. , 2019, , 111-119.		1

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19	Treatment with medium chain fatty acids milk of CD36-deficient preschool children. <i>Nutrition</i> , 2018, 50, 45-48.	2.4	2
20	Newly developed selective immunoinactivation assay revealed reduction in adipose triglyceride lipase activity in peripheral leucocytes from patients with idiopathic triglyceride deposit cardiomyovasculopathy. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 646-651.	2.1	10
21	Tricaprin Rescues Myocardial Abnormality in a Mouse Model of Triglyceride Deposit Cardiomyovasculopathy. <i>Journal of Oleo Science</i> , 2018, 67, 983-989.	1.4	23
22	Diagnostic Criteria and Severity Score for Triglyceride Deposit Cardiomyovasculopathy. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 94-100.	0.2	11
23	Microwave-assisted Derivatization of Fatty Acids for Its Measurement in Milk Using High-Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2018, 34, 575-582.	1.6	11
24	Change in Plasma Total, Esterified and Non-esterified Capric Acid Concentrations during a Short-term Oral Administration of Synthetic Tricaprin in Dogs. <i>Analytical Sciences</i> , 2017, 33, 1297-1303.	1.6	9
25	Imaging Modalities for Triglyceride Deposit Cardiomyovasculopathy. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 94-102.	0.2	15
26	Energy Failure Hypothesis for Takotsubo Cardiomyopathy. <i>Annals of Nuclear Cardiology</i> , 2017, 3, 105-109.	0.2	6
27	Triglyceride Deposit Cardiomyovasculopathy, TGCV-To Overcome This Intractable Disease One Day Sooner-. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 2385-2390.	0.0	3
28	Synthesis of (2 ¹² ,3 ¹³ ,6-2H3)cholesteryl linoleate and cholesteryl oleate as internal standards for mass spectrometry. <i>Steroids</i> , 2016, 107, 1-9.	1.8	4
29	Distinct cardiac phenotype between two homozygotes born in a village with accumulation of a genetic deficiency of adipose triglyceride lipase. <i>International Journal of Cardiology</i> , 2015, 192, 30-32.	1.7	22
30	Plasma capric acid concentrations in healthy subjects determined by high-performance liquid chromatography. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 588-596.	1.6	22
31	Cardiomyocyte steatosis and defective washout of iodine-123- ¹²⁵ I-methyl iodophenyl-pentadecanoic acid in genetic deficiency of adipose triglyceride lipase. <i>European Heart Journal</i> , 2015, 36, 580-580.	2.2	27
32	A novel type of human spontaneous coronary atherosclerosis with triglyceride deposition. <i>European Heart Journal</i> , 2014, 35, 875-875.	2.2	23
33	Refractory hypoglycemia and subsequent cardiogenic shock in starvation and refeeding: Report of three cases. <i>Nutrition</i> , 2014, 30, 1090-1092.	2.4	27
34	Coronary triglyceride deposition in contemporary advanced diabetics. <i>Pathology International</i> , 2014, 64, 325-335.	1.3	26
35	Disease-associated marked hyperalphalipoproteinemia. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 264-268.	1.1	15
36	Changes of lipoproteins in phenylalanine hydroxylase-deficient children during the first year of life. <i>Clinica Chimica Acta</i> , 2014, 433, 1-4.	1.1	6

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37	Genetic mutations in adipose triglyceride lipase and myocardial up-regulation of peroxisome proliferated activated receptor- β in patients with triglyceride deposit cardiomyovasculopathy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 574-579.	2.1	41
38	A novel mutation in PNPLA2 causes neutral lipid storage disease with myopathy and triglyceride deposit cardiomyovasculopathy: A case report and literature review. <i>Neuromuscular Disorders</i> , 2014, 24, 634-641.	0.6	50
39	Peripheral leukocyte anomaly detected with routine automated hematology analyzer sensitive to adipose triglyceride lipase deficiency manifesting neutral lipid storage disease with myopathy/triglyceride deposit cardiomyovasculopathy. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 249-253.	1.1	6
40	Quantitative proteomic analysis of cultured skin fibroblast cells derived from patients with triglyceride deposit cardiomyovasculopathy. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 197.	2.7	11
41	Downregulation of adipose triglyceride lipase in the heart aggravates diabetic cardiomyopathy in db/db mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 224-229.	2.1	20
42	Vascular smooth muscle cells isolated from adipose triglyceride lipase-deficient mice exhibit distinct phenotype and phenotypic plasticity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 534-540.	2.1	12
43	iPS Cell Modeling of Cardiometabolic Diseases. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 46-53.	2.4	16
44	Reduced Expression of Adipose Triglyceride Lipase Enhances Tumor Necrosis Factor α -induced Intercellular Adhesion Molecule-1 Expression in Human Aortic Endothelial Cells via Protein Kinase C-dependent Activation of Nuclear Factor- κ B. <i>Journal of Biological Chemistry</i> , 2011, 286, 32045-32053.	3.4	32
45	A Novel Clinical Entity: Triglyceride Deposit Cardiomyovasculopathy Implications and Perspectives from "Obesity of the Heart". <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 702-705.	2.0	28
46	Sterol-mediated Regulation of Human Lipin 1 Gene Expression in Hepatoblastoma Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 22195-22205.	3.4	66
47	Contribution of Cdc42 to Cholesterol Efflux in Fibroblasts from Tangier Disease and Werner Syndrome. <i>Methods in Enzymology</i> , 2008, 439, 159-169.	1.0	5
48	Triglyceride Deposit Cardiomyovasculopathy. <i>New England Journal of Medicine</i> , 2008, 359, 2396-2398.	27.0	145
49	Probucol Enhances the Expression of Human Hepatic Scavenger Receptor Class B Type I, Possibly Through a Species-Specific Mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2422-2427.	2.4	51
50	Pathophysiology of Human Genetic CD36 Deficiency. <i>Trends in Cardiovascular Medicine</i> , 2003, 13, 136-141.	4.9	124
51	Oxidized LDL-induced NF- κ B Activation and Subsequent Expression of Proinflammatory Genes Are Defective in Monocyte-Derived Macrophages From CD36-Deficient Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1953-1960.	2.4	184
52	Tangier Disease With Continuous Massive and Longitudinal Diffuse Calcification in the Coronary Arteries. <i>Circulation</i> , 2000, 101, 2446-2448.	1.6	14
53	Expression of Macrophage (M ϕ) Scavenger Receptor, CD36, in Cultured Human Aortic Smooth Muscle Cells in Association With Expression of Peroxisome Proliferator Activated Receptor- β , Which Regulates Gain of M ϕ -Like Phenotype In Vitro, and Its Implication in Atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1027-1032.	2.4	83
54	Decreased expression of a member of the Rho GTPase family, Cdc42Hs, in cells from Tangier disease - the small G protein may play a role in cholesterol efflux. <i>FEBS Letters</i> , 2000, 484, 275-279.	2.8	47

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55	Expression of Human Scavenger Receptor Class B Type I in Cultured Human Monocyte-Derived Macrophages and Atherosclerotic Lesions. <i>Circulation Research</i> , 1999, 85, 108-116.	4.5	155