Ken-Ichi Hirano

List of Publications by Year
in descending order

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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	Oxidized LDLâ€“Induced NF-Î¹B Activation and Subsequent Expression of Proinflammatory Genes Are Defective in Monocyte-Derived Macrophages From CD36-Deficient Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1953-1960.	2.4	184
2	Expression of Human Scavenger Receptor Class B Type I in Cultured Human Monocyte-Derived Macrophages and Atherosclerotic Lesions. Circulation Research, 1999, 85, 108-116.	4.5	155
3	Triglyceride Deposit Cardiomyovasculopathy. New England Journal of Medicine, 2008, 359, 2396-2398.	27.0	145
4	Pathophysiology of Human Genetic CD36 Deficiency. Trends in Cardiovascular Medicine, 2003, 13, 136-141.	4.9	124
5	Expression of Macrophage (MÏ†) Scavenger Receptor, CD36, in Cultured Human Aortic Smooth Muscle Cells in Association With Expression of Peroxisome Proliferator Activated Receptor-Î³, Which Regulates Gain of MÏ†-Like Phenotype In Vitro, and Its Implication in Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1027-1032.	2.4	83
6	Sterol-mediated Regulation of Human Lipin 1 Gene Expression in Hepatoblastoma Cells. Journal of Biological Chemistry, 2009, 284, 22195-22205.	3.4	66
7	Probucol Enhances the Expression of Human Hepatic Scavenger Receptor Class B Type I, Possibly Through a Species-Specific Mechanism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2422-2427.	2.4	51
8	A novel mutation in PNPLA2 causes neutral lipid storage disease with myopathy and triglyceride deposit cardiomyovasculopathy: A case report and literature review. Neuromuscular Disorders, 2014, 24, 634-641.	0.6	50
9	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. FEBS Letters, 2000, 484, 275-279.	2.8	47
10	Genetic mutations in adipose triglyceride lipase and myocardial up-regulation of peroxisome proliferated activated receptor-Î³ in patients with triglyceride deposit cardiomyovasculopathy. Biochemical and Biophysical Research Communications, 2014, 443, 574-579.	2.1	41
11	Triglyceride deposit cardiomyovasculopathy: a rare cardiovascular disorder. Orphanet Journal of Rare Diseases, 2019, 14, 134.	2.7	34
12	Reduced Expression of Adipose Triglyceride Lipase Enhances Tumor Necrosis Factor Î±-induced Intercellular Adhesion Molecule-1 Expression in Human Aortic Endothelial Cells via Protein Kinase C-dependent Activation of Nuclear Factor-Î¹B. Journal of Biological Chemistry, 2011, 286, 32045-32053.	3.4	32
13	A Novel Clinical Entity: Triglyceride Deposit Cardiomyovasculopathy Implications and Perspectives from ''Obesity of the Heart''. Journal of Atherosclerosis and Thrombosis, 2009, 16, 702-705.	2.0	28
14	Refractory hypoglycemia and subsequent cardiogenic shock in starvation and refeeding: Report of three cases. Nutrition, 2014, 30, 1090-1092.	2.4	27
15	Cardiomyocyte steatosis and defective washout of iodine-123-Î²-methyl iodophenyl-pentadecanoic acid in genetic deficiency of adipose triglyceride lipase. European Heart Journal, 2015, 36, 580-580.	2.2	27
16	Coronary triglyceride deposition in contemporary advanced diabetics. Pathology International, 2014, 64, 325-335.	1.3	26
17	A novel type of human spontaneous coronary atherosclerosis with triglyceride deposition. European Heart Journal, 2014, 35, 875-875.	2.2	23
18	Tricaprin Rescues Myocardial Abnormality in a Mouse Model of Triglyceride Deposit Cardiomyovasculopathy. Journal of Oleo Science, 2018, 67, 983-989.	1.4	23

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19	Distinct cardiac phenotype between two homozygotes born in a village with accumulation of a genetic deficiency of adipose triglyceride lipase. International Journal of Cardiology, 2015, 192, 30-32.	1.7	22
20	Plasma capric acid concentrations in healthy subjects determined by high-performance liquid chromatography. Annals of Clinical Biochemistry, 2015, 52, 588-596.	1.6	22
21	Downregulation of adipose triglyceride lipase in the heart aggravates diabetic cardiomyopathy in db/db mice. Biochemical and Biophysical Research Communications, 2013, 438, 224-229.	2.1	20
22	iPS Cell Modeling of Cardiometabolic Diseases. Journal of Cardiovascular Translational Research, 2013, 6, 46-53.	2.4	16
23	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121771.	2.3	16
24	The Diagnostic Criteria 2020 for Triglyceride Deposit Cardiomyovasculopathy. Annals of Nuclear Cardiology, 2020, 6, 99-104.	0.2	16
25	Disease-associated marked hyperalphalipoproteinemia. Molecular Genetics and Metabolism Reports, 2014, 1, 264-268.	1.1	15
26	Imaging Modalities for Triglyceride Deposit Cardiomyovasculopathy. Annals of Nuclear Cardiology, 2017, 3, 94-102.	0.2	15
27	Levitating Cells to Sort the Fit and the Fat. Advanced Biology, 2020, 4, 1900300.	3.0	15
28	Tangier Disease With Continuous Massive and Longitudinal Diffuse Calcification in the Coronary Arteries. Circulation, 2000, 101, 2446-2448.	1.6	14
29	Vascular smooth muscle cells isolated from adipose triglyceride lipase-deficient mice exhibit distinct phenotype and phenotypic plasticity. Biochemical and Biophysical Research Communications, 2013, 434, 534-540.	2.1	12
30	Prevalence and clinical outcomes of triglyceride deposit cardiomyovasculopathy among haemodialysis patients. Heart, 2021, 107, 127-134.	2.9	12
31	Quantitative proteomic analysis of cultured skin fibroblast cells derived from patients with triglyceride deposit cardiomyovasculopathy. Orphanet Journal of Rare Diseases, 2013, 8, 197.	2.7	11
32	Diagnostic Criteria and Severity Score for Triglyceride Deposit Cardiomyovasculopathy. Annals of Nuclear Cardiology, 2018, 4, 94-100.	0.2	11
33	Microwave-assisted Derivatization of Fatty Acids for Its Measurement in Milk Using High-Performance Liquid Chromatography. Analytical Sciences, 2018, 34, 575-582.	1.6	11
34	Association of Triglyceride Deposit Cardiomyovasculopathy With Drug-Eluting Stent Restenosis Among Patients With Diabetes. JAMA Network Open, 2020, 3, e2012583.	5.9	11
35	Newly developed selective immunoinactivation assay revealed reduction in adipose triglyceride lipase activity in peripheral leucocytes from patients with idiopathic triglyceride deposit cardiomyovasculopathy. Biochemical and Biophysical Research Communications, 2018, 495, 646-651.	2.1	10
36	Change in Plasma Total, Esterified and Non-esterified Capric Acid Concentrations during a Short-term Oral Administration of Synthetic Tricaprin in Dogs. Analytical Sciences, 2017, 33, 1297-1303.	1.6	9

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37	Changes of lipoproteins in phenylalanine hydroxylase-deficient children during the first year of life. Clinica Chimica Acta, 2014, 433, 1-4.	1.1	6
38	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. Molecular Genetics and Metabolism Reports, 2014, 1, 249-253.	1.1	6
39	Intractable Coronary Artery Disease in a Patient With Type 2 Diabetes Presenting With Triglyceride Deposit Cardiomyovasculopathy. Diabetes Care, 2019, 42, 983-986.	8.6	6
40	Aortic insufficiency associated with Impella that required surgical intervention upon implantation of the durable left ventricular assist device. Journal of Artificial Organs, 2020, 23, 378-382.	0.9	6
41	Energy Failure Hypothesis for Takotsubo Cardiomyopathy. Annals of Nuclear Cardiology, 2017, 3, 105-109.	0.2	6
42	Correlation Perspectives for the Diagnosis of Idiopathic Triglyceride Deposit Cardiomyovasculopathy. Annals of Nuclear Cardiology, 2020, 6, 33-38.	0.2	6
43	Clinical significance of 123I-BMIPP washout rate in patients with uncertain chronic heart failure. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3129-3139.	6.4	6
44	Contribution of Cdc42 to Cholesterol Efflux in Fibroblasts from Tangier Disease and Werner Syndrome. Methods in Enzymology, 2008, 439, 159-169.	1.0	5
45	Effect of Tricaprin on Cardiac Proteome in a Mouse Model for Triglyceride Deposit Cardiomyovasculopathy. Journal of Oleo Science, 2020, 69, 1569-1577.	1.4	5
46	Synthesis of (2Î²,3Î±,6-2H3)cholesteryl linoleate and cholesteryl oleate as internal standards for mass spectrometry. Steroids, 2016, 107, 1-9.	1.8	4
47	Genetic Deficiency of Adipose Triglyceride Lipase Is Associated With a Novel Type of Podocytopathy. Kidney International Reports, 2021, 6, 2722-2725.	0.8	3
48	Triglyceride Deposit Cardiomyovasculopathy, TGCV-To Overcome This Intractable Disease One Day Sooner-. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 2385-2390.	0.0	3
49	Treatment with medium chain fatty acids milk of CD36-deficient preschool children. Nutrition, 2018, 50, 45-48.	2.4	2
50	A historical case of primary triglyceride deposit cardiomyovasculopathy. Pathology International, 2020, 70, 58-61.	1.3	2
51	Triglyceride Deposit Cardiomyovasculopathy with Massive Myocardial Triglyceride which Was Proven Using Proton-magnetic Resonance Spectroscopy. Internal Medicine, 2021, 60, 1217-1220.	0.7	1
52	Increased Washout of ¹²³I-BMIPP in Triglyceride Deposit Cardiomyovasculopathy (TGCV) with Severe Coronary Stenosis. Annals of Nuclear Cardiology, 2019, 5, 47-49.	0.2	1
53	Triglyceride Deposit Cardiomyovasculopathy. , 2019, , 111-119.		1
54	Detection of Jordansâ€™ anomaly using compact-type automated hematology analyzer. International Journal of Hematology, 2019, 110, 129-130.	1.6	0

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55	Outside-in signaling by femoral cuff injury induces a distinct vascular lesion in adipose triglyceride lipase knockout mice. Histology and Histopathology, 2021, 36, 91-100.	0.7	0