

Khosrow Adeli

List of Publications by Year in descending order

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Version: 2024-02-01

353
papers

26,401
citations

16437

64
h-index

8156

148
g-index

360
all docs

360
docs citations

360
times ranked

37695
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	4.3	1,430
4	Disordered Fat Storage and Mobilization in the Pathogenesis of Insulin Resistance and Type 2 Diabetes. <i>Endocrine Reviews</i> , 2002, 23, 201-229.	8.9	1,046
5	Fructose, insulin resistance, and metabolic dyslipidemia. <i>Nutrition and Metabolism</i> , 2005, 2, 5.	1.3	639
6	Closing the Gaps in Pediatric Laboratory Reference Intervals: A CALIPER Database of 40 Biochemical Markers in a Healthy and Multiethnic Population of Children. <i>Clinical Chemistry</i> , 2012, 58, 854-868.	1.5	379
7	Hepatic insulin resistance, metabolic syndrome and cardiovascular disease. <i>Clinical Biochemistry</i> , 2009, 42, 1331-1346.	0.8	359
8	Fructose: a highly lipogenic nutrient implicated in insulin resistance, hepatic steatosis, and the metabolic syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E685-E694.	1.8	337
9	Tocotrienol: a review of its therapeutic potential. <i>Clinical Biochemistry</i> , 1999, 32, 309-319.	0.8	282
10	Mechanisms of Hepatic Very Low Density Lipoprotein Overproduction in Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2000, 275, 8416-8425.	1.6	278
11	Lipid and lipoprotein dysregulation in insulin resistant states. <i>Clinica Chimica Acta</i> , 2006, 368, 1-19.	0.5	252
12	Fasting and Postprandial Overproduction of Intestinally Derived Lipoproteins in an Animal Model of Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2002, 277, 31646-31655.	1.6	232
13	Strong induction of PCSK9 gene expression through HNF1 α and SREBP2: mechanism for the resistance to LDL-cholesterol lowering effect of statins in dyslipidemic hamsters. <i>Journal of Lipid Research</i> , 2010, 51, 1486-1495.	2.0	208
14	Hepatic Very Low Density Lipoprotein-ApoB Overproduction Is Associated with Attenuated Hepatic Insulin Signaling and Overexpression of Protein-tyrosine Phosphatase 1B in a Fructose-fed Hamster Model of Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2002, 277, 793-803.	1.6	201
15	The Canadian laboratory initiative on pediatric reference intervals: A CALIPER white paper. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 358-413.	2.7	190
16	Fructose and the Metabolic Syndrome: Pathophysiology and Molecular Mechanisms. <i>Nutrition Reviews</i> , 2007, 65, 13-23.	2.6	188
17	Analytical measurement and clinical relevance of vitamin D3 C3-epimer. <i>Clinical Biochemistry</i> , 2013, 46, 190-196.	0.8	179
18	AMP-activated protein kinase and ATP-citrate lyase are two distinct molecular targets for ETC-1002, a novel small molecule regulator of lipid and carbohydrate metabolism. <i>Journal of Lipid Research</i> , 2013, 54, 134-151.	2.0	178

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19	Dietary fructose and the metabolic syndrome. <i>Current Opinion in Gastroenterology</i> , 2008, 24, 204-209.	1.0	173
20	Selective Hepatic Insulin Resistance, VLDL Overproduction, and Hypertriglyceridemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2104-2112.	1.1	172
21	A biochemical and functional characterization of diet-induced brain insulin resistance. <i>Journal of Neurochemistry</i> , 2005, 93, 1568-1578.	2.1	171
22	Glucagon-Like Peptide-2 Increases Intestinal Lipid Absorption and Chylomicron Production via CD36. <i>Gastroenterology</i> , 2009, 137, 997-1005.e4.	0.6	168
23	Pathophysiology of COVID-19: Mechanisms Underlying Disease Severity and Progression. <i>Physiology</i> , 2020, 35, 288-301.	1.6	164
24	Mechanisms of Hepatic Very Low-Density Lipoprotein Overproduction in Insulin Resistance. <i>Trends in Cardiovascular Medicine</i> , 2001, 11, 170-176.	2.3	162
25	Marked Biological Variance in Endocrine and Biochemical Markers in Childhood: Establishment of Pediatric Reference Intervals Using Healthy Community Children from the CALIPER Cohort. <i>Clinical Chemistry</i> , 2013, 59, 1393-1405.	1.5	148
26	Molecular, serological, and biochemical diagnosis and monitoring of COVID-19: IFCC taskforce evaluation of the latest evidence. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1037-1052.	1.4	147
27	Fructose and the Metabolic Syndrome: Pathophysiology and Molecular Mechanisms. <i>Nutrition Reviews</i> , 2007, 65, S13-S23.	2.6	130
28	Complex Biological Profile of Hematologic Markers across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1075-1086.	1.5	128
29	Increased plasma methylglyoxal level, inflammation, and vascular endothelial dysfunction in diabetic nephropathy. <i>Clinical Biochemistry</i> , 2011, 44, 307-311.	0.8	119
30	Intestinal Insulin Resistance and Aberrant Production of Apolipoprotein B48 Lipoproteins in an Animal Model of Insulin Resistance and Metabolic Dyslipidemia: Evidence for Activation of Protein Tyrosine Phosphatase-1B, Extracellular Signal-Related Kinase, and Sterol Regulatory Element-Binding Protein-1c in the Fructose-Fed Hamster Intestine. <i>Diabetes</i> , 2006, 55, 1316-1326.	0.3	117
31	Intestinal lipoprotein overproduction in insulin-resistant states. <i>Current Opinion in Lipidology</i> , 2008, 19, 221-228.	1.2	113
32	Autophagy: Emerging roles in lipid homeostasis and metabolic control. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 819-824.	1.2	109
33	Biochemical Marker Reference Values across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1049-1062.	1.5	109
34	Effect of Zinc Supplementation on Markers of Insulin Resistance, Oxidative Stress, and Inflammation among Prepubescent Children with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2010, 8, 505-510.	0.5	107
35	Paediatric metabolic syndrome and associated anthropometric indices: The CASPIAN Study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006, 95, 1625-1634.	0.7	102
36	Role of Gut Microbiota in Neuroendocrine Regulation of Carbohydrate and Lipid Metabolism via the Microbiota-Gut-Brain-Liver Axis. <i>Microorganisms</i> , 2020, 8, 527.	1.6	101

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37	Are Patients after Kawasaki Disease at Increased Risk for Accelerated Atherosclerosis?. <i>Journal of Pediatrics</i> , 2007, 151, 244-248.e1.	0.9	98
38	Gut-liver interaction in triglyceride-rich lipoprotein metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E429-E446.	1.8	98
39	GLP-1 and GLP-2 as Yin and Yang of Intestinal Lipoprotein Production. <i>Diabetes</i> , 2013, 62, 373-381.	0.3	98
40	Apolipoprotein B100 acts as a molecular link between lipid-induced endoplasmic reticulum stress and hepatic insulin resistance. <i>Hepatology</i> , 2009, 50, 77-84.	3.6	94
41	Tumor Necrosis Factor- α Induces Intestinal Insulin Resistance and Stimulates the Overproduction of Intestinal Apolipoprotein B48-Containing Lipoproteins. <i>Diabetes</i> , 2007, 56, 450-461.	0.3	93
42	Complex Biological Pattern of Fertility Hormones in Children and Adolescents: A Study of Healthy Children from the CALIPER Cohort and Establishment of Pediatric Reference Intervals. <i>Clinical Chemistry</i> , 2013, 59, 1215-1227.	1.5	91
43	CLSI-based transference of the CALIPER database of pediatric reference intervals from Abbott to Beckman, Ortho, Roche and Siemens Clinical Chemistry Assays: Direct validation using reference samples from the CALIPER cohort. <i>Clinical Biochemistry</i> , 2013, 46, 1197-1219.	0.8	90
44	Ameliorated Hepatic Insulin Resistance Is Associated with Normalization of Microsomal Triglyceride Transfer Protein Expression and Reduction in Very Low Density Lipoprotein Assembly and Secretion in the Fructose-fed Hamster. <i>Journal of Biological Chemistry</i> , 2002, 277, 28795-28802.	1.6	89
45	Association of anthropometric indices with cardiovascular disease risk factors among children and adolescents: CASPIAN Study. <i>International Journal of Cardiology</i> , 2007, 117, 340-348.	0.8	89
46	Peer Review in Scientific Publications: Benefits, Critiques, & A Survival Guide. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2014, 25, 227-43.	0.7	89
47	Emergence of the metabolic syndrome in childhood: an epidemiological overview and mechanistic link to dyslipidemia. <i>Clinical Biochemistry</i> , 2003, 36, 413-420.	0.8	88
48	MicroRNAs. <i>Current Opinion in Lipidology</i> , 2012, 23, 220-225.	1.2	88
49	Lipolytically Modified Triglyceride-Enriched HDLs Are Rapidly Cleared From the Circulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 483-487.	1.1	84
50	Metabolic effects of dietary cholesterol in an animal model of insulin resistance and hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E462-E473.	1.8	84
51	Modulation of hepatic lipoprotein synthesis and secretion by taxifolin, a plant flavonoid. <i>Journal of Lipid Research</i> , 2000, 41, 1969-1979.	2.0	84
52	Intestinal Lipoprotein Overproduction, a Newly Recognized Component of Insulin Resistance, Is Ameliorated by the Insulin Sensitizer Rosiglitazone: Studies in the Fructose-Fed Syrian Golden Hamster. <i>Endocrinology</i> , 2005, 146, 247-255.	1.4	82
53	The Role of the Gut Microbiota in Lipid and Lipoprotein Metabolism. <i>Journal of Clinical Medicine</i> , 2019, 8, 2227.	1.0	82
54	Atorvastatin treatment beneficially alters the lipoprotein profile and increases low-density lipoprotein particle diameter in patients with combined dyslipidemia and impaired fasting glucose/type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 334-342.	1.5	80

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55	Clinical laboratory reference intervals in pediatrics: The CALIPER initiative. <i>Clinical Biochemistry</i> , 2009, 42, 1589-1595.	0.8	80
56	Factors associated with the metabolic syndrome in a national sample of youths: CASPIAN Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 461-470.	1.1	78
57	Postprandial dyslipidemia in insulin resistance: Mechanisms and role of intestinal insulin sensitivity. <i>Atherosclerosis Supplements</i> , 2008, 9, 7-13.	1.2	77
58	Apolipoprotein B100 biogenesis: a complex array of intracellular mechanisms regulating folding, stability, and lipoprotein assembly This paper is one of a selection of papers published in this special issue entitled "Canadian Society of Biochemistry, Molecular & Cellular Biology 52nd Annual Meeting" Protein Folding: Principles and Diseases and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2010, 88, 251-267.	0.9	76
59	Apolipoprotein A-IV binds β_3 integrin and inhibits thrombosis. <i>Nature Communications</i> , 2018, 9, 3608.	5.8	75
60	MEK ¹ /ERK Inhibition Corrects the Defect in VLDL Assembly in HepG2 Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 211-218.	1.1	72
61	Canadian Laboratory Initiative on Pediatric Reference Interval Database (CALIPER): Pediatric reference intervals for an integrated clinical chemistry and immunoassay analyzer, Abbott ARCHITECT ci8200. <i>Clinical Biochemistry</i> , 2009, 42, 885-891.	0.8	72
62	Green tea leaf extract improves lipid and glucose homeostasis in a fructose-fed insulin-resistant hamster model. <i>Journal of Ethnopharmacology</i> , 2006, 104, 24-31.	2.0	70
63	Glucosamine-Induced Endoplasmic Reticulum Stress Promotes ApoB100 Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 571-577.	1.1	69
64	Gap analysis of pediatric reference intervals for risk biomarkers of cardiovascular disease and the metabolic syndrome. <i>Clinical Biochemistry</i> , 2006, 39, 569-587.	0.8	66
65	Short- and long-term relationships of serum ghrelin with changes in body composition and the metabolic syndrome in prepubescent obese children following two different weight loss programmes. <i>Clinical Endocrinology</i> , 2008, 69, 721-729.	1.2	66
66	GLP-1 receptor agonism ameliorates hepatic VLDL overproduction and de novo lipogenesis in insulin resistance. <i>Molecular Metabolism</i> , 2014, 3, 823-833.	3.0	66
67	Microbiome manipulation modifies sex-specific risk for autoimmunity. <i>Gut Microbes</i> , 2014, 5, 485-493.	4.3	65
68	Sleep-Disordered Breathing Is Increased in Obese Adolescents with Craniopharyngioma Compared with Obese Controls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2211-2218.	1.8	64
69	Translational control mechanisms in metabolic regulation: critical role of RNA binding proteins, microRNAs, and cytoplasmic RNA granules. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E1051-E1064.	1.8	64
70	Effects of Atorvastatin on the Intracellular Stability and Secretion of Apolipoprotein B in HepG2 Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 783-793.	1.1	63
71	Hepatic Lipase mRNA, Protein, and Plasma Enzyme Activity Is Increased in the Insulin-Resistant, Fructose-Fed Syrian Golden Hamster and Is Partially Normalized by the Insulin Sensitizer Rosiglitazone. <i>Diabetes</i> , 2004, 53, 2893-2900.	0.3	63
72	Intracellular mechanisms regulating apoB-containing lipoprotein assembly and secretion in primary hamster hepatocytes. <i>Journal of Lipid Research</i> , 2000, 41, 499-513.	2.0	62

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73	Validity of establishing pediatric reference intervals based on hospital patient data: A comparison of the modified Hoffmann approach to CALIPER reference intervals obtained in healthy children. <i>Clinical Biochemistry</i> , 2014, 47, 166-172.	0.8	61
74	Apolipoprotein B Is Intracellularly Associated with an ER-60 Protease Homologue in HepG2 Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 22489-22494.	1.6	60
75	Relationship Between C-Reactive Protein and Atherosclerotic Risk Factors and Oxidative Stress Markers Among Young Persons 10-18 Years Old. <i>Clinical Chemistry</i> , 2007, 53, 456-464.	1.5	60
76	Long-term stability of biochemical markers in pediatric serum specimens stored at -80°C: A CALIPER Substudy. <i>Clinical Biochemistry</i> , 2012, 45, 816-826.	0.8	59
77	IFCC Interim Guidelines on Serological Testing of Antibodies against SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2001-2008.	1.4	59
78	Cord blood lipid profile and associated factors: baseline data of a birth cohort study. <i>Paediatric and Perinatal Epidemiology</i> , 2007, 21, 518-524.	0.8	58
79	Single pass albumin dialysis (SPAD) in fulminant Wilsonian liver failure: a case report. <i>Pediatric Nephrology</i> , 2008, 23, 1013-1016.	0.9	58
80	<i>Momordica charantia</i> (bitter melon) reduces plasma apolipoprotein B-100 and increases hepatic insulin receptor substrate and phosphoinositide-3 kinase interactions. <i>British Journal of Nutrition</i> , 2008, 100, 751-759.	1.2	58
81	Hepatocyte-specific Deletion of Janus Kinase 2 (JAK2) Protects against Diet-induced Steatohepatitis and Glucose Intolerance. <i>Journal of Biological Chemistry</i> , 2012, 287, 10277-10288.	1.6	58
82	Proteomic Profiling of Hepatic Endoplasmic Reticulum-associated Proteins in an Animal Model of Insulin Resistance and Metabolic Dyslipidemia. <i>Journal of Biological Chemistry</i> , 2005, 280, 17626-17633.	1.6	57
83	Hepatic autophagy mediates endoplasmic reticulum stress-induced degradation of misfolded apolipoprotein B. <i>Hepatology</i> , 2011, 53, 1515-1525.	3.6	57
84	Insulin modulation of human apolipoprotein B mRNA translation: studies in an <i>in vitro</i> cell-free system from HepG2 cells. <i>Biochemistry and Cell Biology</i> , 1992, 70, 1301-1312.	0.9	56
85	The Chalcone Xanthohumol Inhibits Triglyceride and Apolipoprotein B Secretion in HepG2 Cells. <i>Journal of Nutrition</i> , 2004, 134, 1340-1346.	1.3	56
86	Hepatic mitochondrial and ER stress induced by defective PPAR α signaling in the pathogenesis of hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1264-E1273.	1.8	56
87	Glucagon-Like Peptide 2 (GLP-2) Stimulates Postprandial Chylomicron Production and Postabsorptive Release of Intestinal Triglyceride Storage Pools via Induction of Nitric Oxide Signaling in Male Hamsters and Mice. <i>Endocrinology</i> , 2015, 156, 3538-3547.	1.4	56
88	Metabolic control via nutrient-sensing mechanisms: role of taste receptors and the gut-brain neuroendocrine axis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E559-E572.	1.8	55
89	A ketogenic diet rescues the murine succinic semialdehyde dehydrogenase deficient phenotype. <i>Experimental Neurology</i> , 2008, 210, 449-457.	2.0	54
90	Insulin sensitivity and secretion in children and adolescents with hypothalamic obesity following treatment for craniopharyngioma. <i>Clinical Endocrinology</i> , 2010, 72, 364-370.	1.2	54

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91	C-reactive protein impairs hepatic insulin sensitivity and insulin signaling in rats: Role of mitogen-activated protein kinases. <i>Hepatology</i> , 2011, 53, 127-135.	3.6	54
92	Inhibition of sphingolipid synthesis improves dyslipidemia in the diet-induced hamster model of insulin resistance: Evidence for the role of sphingosine and sphinganine in hepatic VLDL-apoB100 overproduction. <i>Atherosclerosis</i> , 2013, 228, 98-109.	0.4	54
93	Intestinal assembly and secretion of highly dense/lipid-poor apolipoprotein B48-containing lipoprotein particles in the fasting state: Evidence for induction by insulin resistance and exogenous fatty acids. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 689-697.	1.5	53
94	Combination of carbonic anhydrase inhibitor, acetazolamide, and sulforaphane, reduces the viability and growth of bronchial carcinoid cell lines. <i>BMC Cancer</i> , 2013, 13, 378.	1.1	53
95	Tumor necrosis factor- α directly stimulates the overproduction of hepatic apolipoprotein B100-containing VLDL via impairment of hepatic insulin signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1120-G1129.	1.6	52
96	High serum serotonin in sudden infant death syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7695-7700.	3.3	52
97	Lecithin:Cholesterol Acyltransferase Deficiency Protects against Cholesterol-induced Hepatic Endoplasmic Reticulum Stress in Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 20755-20768.	1.6	51
98	Studies on Intracellular Translocation of Apolipoprotein B in a Permeabilized HepG2 System. <i>Journal of Biological Chemistry</i> , 1997, 272, 7328-7337.	1.6	50
99	Measurement of intracellular vitamin C levels in human lymphocytes by reverse phase high performance liquid chromatography (HPLC). <i>Clinical Biochemistry</i> , 2005, 38, 450-456.	0.8	50
100	The protective effect and underlying mechanism of metformin on neointima formation in fructose-induced insulin resistant rats. <i>Cardiovascular Diabetology</i> , 2013, 12, 58.	2.7	50
101	Analytical measurement of serum 25-OH-vitamin D3, 25-OH-vitamin D2 and their C3-epimers by LC-MS/MS in infant and pediatric specimens. <i>Clinical Biochemistry</i> , 2013, 46, 1264-1271.	0.8	50
102	Maternal-fetal-infant dynamics of the C3-epimer of 25-hydroxyvitamin D. <i>Clinical Biochemistry</i> , 2014, 47, 816-822.	0.8	50
103	Gut Peptides Are Novel Regulators of Intestinal Lipoprotein Secretion: Experimental and Pharmacological Manipulation of Lipoprotein Metabolism. <i>Diabetes</i> , 2015, 64, 2310-2318.	0.3	50
104	Closing the anion gap: Contribution of d-lactate to diabetic ketoacidosis. <i>Clinica Chimica Acta</i> , 2011, 412, 286-291.	0.5	49
105	Regulation of Cholesterol Homeostasis by Hedgehog Signaling in Osteoarthritic Cartilage. <i>Arthritis and Rheumatology</i> , 2016, 68, 127-137.	2.9	49
106	Mechanisms of metabolic dyslipidemia in insulin resistant states deregulation of hepatic and intestinal lipoprotein secretion. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d464-476.	3.0	48
107	Role of resveratrol in the management of insulin resistance and related conditions: Mechanism of action. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 267-293.	2.7	48
108	Verification of reference intervals in routine clinical laboratories: practical challenges and recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 30-37.	1.4	48

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109	Closing the gaps in paediatric reference intervals: the CALIPER initiative. <i>Clinical Biochemist Reviews</i> , 2008, 29, 89-96.	3.3	48
110	Ezetimibe ameliorates intestinal chylomicron overproduction and improves glucose tolerance in a diet-induced hamster model of insulin resistance. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G1043-G1052.	1.6	47
111	Hepatic PTP-1B Expression Regulates the Assembly and Secretion of Apolipoprotein B-Containing Lipoproteins: Evidence From Protein Tyrosine Phosphatase-1B Overexpression, Knockout, and RNAi Studies. <i>Diabetes</i> , 2004, 53, 3057-3066.	0.3	46
112	Complex Reference Values for Endocrine and Special Chemistry Biomarkers across Pediatric, Adult, and Geriatric Ages: Establishment of Robust Pediatric and Adult Reference Intervals on the Basis of the Canadian Health Measures Survey. <i>Clinical Chemistry</i> , 2015, 61, 1063-1074.	1.5	46
113	IFCC Interim Guidelines on Molecular Testing of SARS-CoV-2 Infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1993-2000.	1.4	46
114	Biosafety measures for preventing infection from COVID-19 in clinical laboratories: IFCC Taskforce Recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1053-1062.	1.4	45
115	Glucagon-Like Peptide-1 as a Key Regulator of Lipid and Lipoprotein Metabolism in Fasting and Postprandial States. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2014, 14, 126-136.	0.2	45
116	Functional Analysis of Disulfide Linkages Clustered within the Amino Terminus of Human Apolipoprotein B. <i>Journal of Biological Chemistry</i> , 1998, 273, 7244-7251.	1.6	44
117	Intestinal Lipoprotein Production Is Stimulated by an Acute Elevation of Plasma Free Fatty Acids in the Fasting State: Studies in Insulin-Resistant and Insulin-Sensitized Syrian Golden Hamsters. <i>Endocrinology</i> , 2004, 145, 5006-5012.	1.4	44
118	Pediatric reference intervals for 28 chemistries and immunoassays on the Roche cobas® 6000 analyzer—A CALIPER pilot study. <i>Clinical Biochemistry</i> , 2010, 43, 1045-1050.	0.8	44
119	Lipin-1 ³ isoform is a novel lipid droplet-associated protein highly expressed in the brain. <i>FEBS Letters</i> , 2011, 585, 1979-1984.	1.3	44
120	Glucosamine-induced endoplasmic reticulum stress attenuates apolipoprotein B100 synthesis via PERK signaling. <i>Journal of Lipid Research</i> , 2009, 50, 1814-1823.	2.0	43
121	Glycine Normalizes Hepatic Triglyceride-Rich VLDL Secretion by Triggering the CNS in High-Fat Fed Rats. <i>Circulation Research</i> , 2012, 110, 1345-1354.	2.0	43
122	Pediatric Population Reference Value Distributions for Cancer Biomarkers and Covariate-Stratified Reference Intervals in the CALIPER Cohort. <i>Clinical Chemistry</i> , 2014, 60, 1532-1542.	1.5	43
123	Central Nervous System Regulation of Intestinal Lipoprotein Metabolism by Glucagon-Like Peptide-1 via a Brain-Gut Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1092-1100.	1.1	43
124	Secretion of apolipoprotein B in serum-free cultures of human hepatoma cell line, HepG2. <i>FEBS Letters</i> , 1990, 263, 345-348.	1.3	42
125	Phosphatase and tensin homolog (PTEN) regulates hepatic lipogenesis, microsomal triglyceride transfer protein, and the secretion of apolipoprotein B-containing lipoproteins. <i>Hepatology</i> , 2008, 48, 1799-1809.	3.6	42
126	Effect of rosuvastatin on insulin sensitivity in an animal model of insulin resistance: Evidence for statin-induced hepatic insulin sensitization. <i>Atherosclerosis</i> , 2008, 198, 94-103.	0.4	42

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127	Inflammatory NF- κ B activation promotes hepatic apolipoprotein B100 secretion: evidence for a link between hepatic inflammation and lipoprotein production. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1287-G1298.	1.6	42
128	High-Sensitivity Generation 5 Cardiac Troponin T Sex- and Age-Specific 99th Percentiles in the CALIPER Cohort of Healthy Children and Adolescents. <i>Clinical Chemistry</i> , 2019, 65, 589-591.	1.5	42
129	Factor Analysis of Cardiovascular Risk Clustering in Pediatric Metabolic Syndrome: CASPIAN Study. <i>Annals of Nutrition and Metabolism</i> , 2007, 51, 208-215.	1.0	41
130	Simvastatin, an HMG-CoA reductase inhibitor, induces the synthesis and secretion of apolipoprotein AI in HepG2 cells and primary hamster hepatocytes. <i>Atherosclerosis</i> , 2002, 163, 59-68.	0.4	40
131	Mechanisms of glucosamine-induced suppression of the hepatic assembly and secretion of apolipoprotein B-100-containing lipoproteins. <i>Journal of Lipid Research</i> , 2006, 47, 1749-1761.	2.0	40
132	Pediatric Within-Day Biological Variation and Quality Specifications for 38 Biochemical Markers in the CALIPER Cohort. <i>Clinical Chemistry</i> , 2014, 60, 518-529.	1.5	40
133	Thyroid hormone modulates apolipoprotein B gene expression in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 617-623.	1.0	39
134	Pediatric reference value distributions and covariate-stratified reference intervals for 29 endocrine and special chemistry biomarkers on the Beckman Coulter Immunoassay Systems: a CALIPER study of healthy community children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 643-57.	1.4	39
135	Effectiveness of Serial Increases in Amino-Terminal Pro-B-Type Natriuretic Peptide Levels to Indicate the Need for Mechanical Circulatory Support in Children With Acute Decompensated Heart Failure. <i>American Journal of Cardiology</i> , 2011, 107, 573-578.	0.7	38
136	Influence of ethnicity on population reference values for biochemical markers. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 359-375.	2.7	38
137	IFCC Interim Guidelines on Biochemical/Hematological Monitoring of COVID-19 Patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2009-2016.	1.4	38
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