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Use and abuse of HOMA modeling

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#	Paper	IF	Citations
2238	Increased placental growth factor (PLGF) concentrations in children and adolescents with obesity and the metabolic syndrome. 2014 , 13, 369-74		8
2237	Prevalence of hepatic steatosis in an urban population in the United States: impact of ethnicity. 2004 , 40, 1387-95		2757
2236	Depressive symptoms, insulin resistance, and risk of diabetes in women at midlife. <i>Diabetes Care</i> , 2004 , 27, 2856-62	14.6	190
2235	Dysmetabolic syndrome: reducing cardiovascular risk. 2004 , 29, 18-35; quiz 35-7		5
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2233	Free fatty acids are associated with obesity, insulin resistance, and atherosclerosis in renal transplant recipients. 2005 , 80, 937-44		35
2232	Obesity and diabetes: dual epidemics on the rise. 2005 , 12, 174-180		9
2231	Diagnosis of insulin resistance and associated syndromes: the spectrum from the metabolic syndrome to type 2 diabetes mellitus. 2005 , 16, 465-72		23
2230	The effect of defective early phase insulin secretion on postload glucose intolerance in impaired fasting glucose. 2005 , 52, 531-6		3
2229	Treating insulin resistance in type 2 diabetes with metformin and thiazolidinediones. 2005 , 7, 675-91		92
2228	The metabolic syndrome and changing relationship between blood pressure and insulin with age, as observed in Aboriginal and Torres Strait Islander peoples. 2005 , 22, 1589-97		23
2227	Central obesity, the metabolic syndrome, and plasminogen activator inhibitor-1 in young adults. 2005 , 17, 535-41		22
2226	Relation of brachial artery reactivity to nitroglycerin and heart rate recovery following exercise in healthy male volunteers. 2005 , 96, 447-9		8
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2222	K-value and low insulin secretion in a non-obese white population: predicted glucose tolerance after 25 years. 2005 , 48, 2262-8		22

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2219	Metabolic effect of telmisartan and losartan in hypertensive patients with metabolic syndrome. 2005 , 4, 6		144
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2217	Treatment with continuous positive airway pressure may affect blood glucose levels in nondiabetic patients with obstructive sleep apnea syndrome. 2005 , 28, 601-3		40
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1394	Glycemic control over 5 years in 4,900 people with type 2 diabetes: real-world diabetes therapy in a clinical trial cohort. <i>Diabetes Care</i> , 2012 , 35, 1165-70	14.6	29

1393	A novel appetite peptide, nesfatin-1 in patients with non-alcoholic fatty liver disease. 2012 , 72, 479-83	26
1392	Diamel therapy in polycystic ovary syndrome reduces hyperinsulinaemia, insulin resistance, and hyperandrogenaemia. 2012 , 2012, 3827-19	4
1391	Acute insulin resistance following surgical trauma in rats. 2012 , 120, 315-22	4
1390	Glucose metabolism in 105 children and adolescents after pancreatectomy for congenital hyperinsulinism. <i>Diabetes Care</i> , 2012 , 35, 198-203	14.6 109
1389	Quercetin and epigallocatechin gallate induce in vitro a dose-dependent stiffening and hyperpolarizing effect on the cell membrane of human mononuclear blood cells. 2012 , 13, 4839-59	21
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1387	Metabolite profiling identifies pathways associated with metabolic risk in humans. 2012 , 125, 2222-31	401
1386	High prevalence of hirsutism and menstrual disorders in obese adolescent girls and adolescent girls with type 1 diabetes mellitus despite different hormonal profiles. 2012 , 166, 307-16	20
1385	Changing metabolic signatures of amino acids and lipids during the prediabetic period in a pig model with impaired incretin function and reduced β cell mass. 2012 , 61, 2166-75	40
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1383	Quantitative measurement of full-length and C-terminal proteolyzed RBP4 in serum of normal and insulin-resistant humans using a novel mass spectrometry immunoassay. 2012 , 153, 1519-27	25
1382	Long-term fenofibrate therapy increases fibroblast growth factor 21 and retinol-binding protein 4 in subjects with type 2 diabetes. 2012 , 97, 4701-8	64
1381	Diabetes and femoral neck strength: findings from the Hip Strength Across the Menopausal Transition Study. 2012 , 97, 190-7	69
1380	Insulin resistance and excess risk of diabetes in Mexican-Americans: the San Antonio Heart Study. 2012 , 97, 793-9	28
1379	Benefits of pedometer-measured habitual physical activity in healthy women. 2012 , 37, 149-56	13
1378	Optimal cut-off point for homeostasis model assessment of insulin resistance to discriminate metabolic syndrome in non-diabetic Japanese subjects. 2012 , 3, 384-7	22
1377	Docosahexaenoic acid prevents trans-10, cis-12-conjugated linoleic acid-induced nonalcoholic fatty liver disease in mice by altering expression of hepatic genes regulating fatty acid synthesis and oxidation. 2012 , 10, 175-80	15
1376	Stress-induced hyperglycemia in healthy bungee jumpers without diabetes due to decreased pancreatic β cell function and increased insulin resistance. 2012 , 14, 311-4	12

1375	The duration of sulfonylurea treatment is associated with β cell dysfunction in patients with type 2 diabetes mellitus. 2012 , 14, 1033-42		15
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1373	Genetic variation within a metabolic motif in the chromogranin a promoter: pleiotropic influence on cardiometabolic risk traits in twins. 2012 , 25, 29-40		4
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1371	Hepatic and peripheral insulin sensitivity and diabetes remission at 1 month after Roux-en-Y gastric bypass surgery in patients randomized to omentectomy. <i>Diabetes Care</i> , 2012 , 35, 137-42	14.6	92
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1368	Impaired insulin sensitivity as indexed by the HOMA score is associated with deficits in verbal fluency and temporal lobe gray matter volume in the elderly. <i>Diabetes Care</i> , 2012 , 35, 488-94	14.6	101
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1336	Expression of perilipins in human skeletal muscle in vitro and in vivo in relation to diet, exercise and energy balance. 2012 , 118, 22-30	25
1335	Differential effect of polyphenol-rich dark chocolate on biomarkers of glucose metabolism and cardiovascular risk factors in healthy, overweight and obese subjects: a randomized clinical trial. 2012 , 3, 1035-43	59
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1323	Effects of a combination of sitagliptin plus metformin vs metformin monotherapy on glycemic control, β cell function and insulin resistance in type 2 diabetic patients. 2012 , 98, 51-60	54
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