

Christopher Walton

List of Publications by Year in descending order

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42
papers

2,418
citations

331259

21
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Instrumentation for quantitative analysis of volatile compounds emission at elevated temperatures. Part 2: Analysis of carbon fibre reinforced epoxy composite. <i>Scientific Reports</i> , 2020, 10, 8702.	1.6	1
2	Instrumentation for quantitative analysis of volatile compounds emission at elevated temperatures. Part 1: Design and implementation. <i>Scientific Reports</i> , 2020, 10, 8700.	1.6	3
3	Quantification of liquid phase faecal odourants to evaluate membrane technology for wastewater reuse from decentralised sanitation facilities. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 161-171.	1.2	2
4	Faecal volatile biomarkers of <i>Clostridium difficile</i> infection. <i>PLoS ONE</i> , 2019, 14, e0215256.	1.1	25
5	Mid-IR spectroscopic instrumentation for point-of-care diagnosis using a hollow silica waveguide gas cell. , 2017, , .		0
6	Enteral feeding reduces metabolic activity of the intestinal microbiome in Crohn's disease: an observational study. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 1052-1056.	1.3	31
7	The use of a portable breath analysis device in monitoring type 1 diabetes patients in a hypoglycaemic clamp: validation with SIFT-MS data. <i>Journal of Breath Research</i> , 2014, 8, 037108.	1.5	23
8	Application of gas chromatography mass spectrometry (GC-MS) in conjunction with multivariate classification for the diagnosis of gastrointestinal diseases. <i>Metabolomics</i> , 2014, 10, 1113-1120.	1.4	21
9	Analysis of Volatile Organic Compounds of Bacterial Origin in Chronic Gastrointestinal Diseases. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2069-2078.	0.9	88
10	Diversity and distribution of sulphate-reducing bacteria in human faeces from healthy subjects and patients with inflammatory bowel disease. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 65, 55-68.	2.7	58
11	PWE-033...Abundance of sulphate reducing bacteria in inflammatory bowel disease. <i>Gut</i> , 2010, 59, A97.3-A98.	6.1	0
12	Breath acetone concentration decreases with blood glucose concentration in type I diabetes mellitus patients during hypoglycaemic clamps. <i>Journal of Breath Research</i> , 2009, 3, 046004.	1.5	152
13	Understanding the fate and transport of petroleum hydrocarbons from coal tar within gasholders. <i>Environment International</i> , 2009, 35, 248-252.	4.8	14
14	An exploratory comparative study of volatile compounds in exhaled breath and emitted by skin using selected ion flow tube mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 526-532.	0.7	116
15	Inflammation markers and erythrocyte sedimentation rate but not metabolic syndrome factor score predict coronary heart disease in high socioeconomic class males: the HDDRISC study. <i>International Journal of Cardiology</i> , 2004, 97, 543-550.	0.8	19
16	Maximizing the success rate of minimal model insulin sensitivity measurement in humans: the importance of basal glucose levels. <i>Clinical Science</i> , 2001, 101, 1-9.	1.8	23
17	Maximizing the success rate of minimal model insulin sensitivity measurement in humans: the importance of basal glucose levels. <i>Clinical Science</i> , 2001, 101, 1.	1.8	18
18	The effect of menopause on serum uric acid levels in non-obese healthy women. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 435-438.	1.5	74

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19	Hyperleptinemia as a Component of a Metabolic Syndrome of Cardiovascular Risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 928-933.	1.1	236
20	Factors of the Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 208-214.	1.1	51
21	Insulin Resistance in Chronic Heart Failure: Relation to Severity and Etiology of Heart Failure. <i>Journal of the American College of Cardiology</i> , 1997, 30, 527-532.	1.2	475
22	Measuring body fat. <i>American Journal of Medicine</i> , 1996, 101, 236-237.	0.6	0
23	Body fat distribution, rather than overall adiposity, influences serum lipids and lipoproteins in healthy men independently of age. <i>American Journal of Medicine</i> , 1995, 99, 459-464.	0.6	146
24	Relationships between insulin metabolism, serum lipid profile, body fat distribution and blood pressure in healthy men. <i>Atherosclerosis</i> , 1995, 118, 35-43.	0.4	21
25	Insuline resistance, lipoproteins, body fat and hemostasis in nonobese men with angina and a normal or abnormal coronary angiogram. <i>Journal of the American College of Cardiology</i> , 1994, 23, 377-383.	1.2	43
26	Associations between insulin sensitivity, and free fatty acid and triglyceride metabolism independent of uncomplicated obesity. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1275-1281.	1.5	33
27	Assessment of Insulin Sensitivity in Man: A Comparison of Minimal Model- and Euglycaemic Clamp-Derived Measures in Health and Heart Failure. <i>Clinical Science</i> , 1994, 86, 317-322.	1.8	65
28	The effects of the menopause on insulin sensitivity, secretion and elimination in nonobese, healthy women. <i>European Journal of Clinical Investigation</i> , 1993, 23, 466-473.	1.7	180
29	Insulin resistance, secretion, and elimination in postmenopausal women receiving oral or transdermal hormone replacement therapy. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 846-853.	1.5	212
30	Role of glucose and insulin resistance in development of type 2 diabetes mellitus. <i>Lancet</i> , The, 1992, 340, 1347-1348.	6.3	6
31	Insulin resistance and cigarette smoking. <i>Lancet</i> , The, 1992, 339, 1619-1620.	6.3	38
32	Insulin resistance and cigarette smoking. <i>Lancet</i> , The, 1992, 340, 607.	6.3	9
33	An apparently anomalous relationship between insulin and C-peptide concentrations in their initial response to intravenous glucose. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 1210-1214.	1.5	9
34	Insulin resistance ? modelling studies. <i>European Journal of Epidemiology</i> , 1992, 8, 136-138.	2.5	5
35	Insulin resistance, secretion, and metabolism in users of oral contraceptives. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 74, 64-70.	1.8	146
36	Effect of body mass index and fat distribution on insulin sensitivity, secretion, and clearance in nonobese healthy men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 170-175.	1.8	25

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37	Inverse relationship between serum Lp(a) levels and first-phase insulin secretion. Diabetes, 1992, 41, 1341-1345.	0.3	8
38	Determination of Myocardial Depolarization and Repolarization Times Using the Unipolar Ventricular Evoked Potential: Contrasting Effects of Stimulus Interval and Isoprenaline in the Isolated Perfused Rabbit Heart. PACE - Pacing and Clinical Electrophysiology, 1989, 12, 784-792.	0.5	5
39	An animal model for the chronic study of ventricular repolarisation and refractory period. Cardiovascular Research, 1989, 23, 16-20.	1.8	5
40	The Ventricular Intracardiac Unipolar Paced-Evoked Potential in an Isolated Animal Heart. PACE - Pacing and Clinical Electrophysiology, 1988, 11, 203-213.	0.5	11
41	In Vitro Estimation of the Electrical Performance of Bipolar Pacing Electrode Systems. PACE - Pacing and Clinical Electrophysiology, 1988, 11, 1791-1796.	0.5	0
42	Platinum Pacemaker Electrodes: Origins and Effects of the Electrode-Tissue Interface Impedance. PACE - Pacing and Clinical Electrophysiology, 1987, 10, 87-99.	0.5	21