

Jonathan Q Purnell

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

6,160
citations

172457

29
h-index

102487

66
g-index

71
all docs

71
docs citations

71
times ranked

7090
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Ghrelin Levels after Diet-Induced Weight Loss or Gastric Bypass Surgery. <i>New England Journal of Medicine</i> , 2002, 346, 1623-1630.	27.0	2,089
2	A high-protein diet induces sustained reductions in appetite, ad libitum caloric intake, and body weight despite compensatory changes in diurnal plasma leptin and ghrelin concentrations. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 41-48.	4.7	532
3	Seven-Year Weight Trajectories and Health Outcomes in the Longitudinal Assessment of Bariatric Surgery (LABS) Study. <i>JAMA Surgery</i> , 2018, 153, 427.	4.3	474
4	Effect of Excessive Weight Gain With Intensive Therapy of Type 1 Diabetes on Lipid Levels and Blood Pressure. <i>JAMA - Journal of the American Medical Association</i> , 1998, 280, 140.	7.4	395
5	Ghrelin Levels Correlate with Insulin Levels, Insulin Resistance, and High-Density Lipoprotein Cholesterol, But Not with Gender, Menopausal Status, or Cortisol Levels in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5747-5752.	3.6	241
6	The Effect of Excess Weight Gain With Intensive Diabetes Mellitus Treatment on Cardiovascular Disease Risk Factors and Atherosclerosis in Type 1 Diabetes Mellitus. <i>Circulation</i> , 2013, 127, 180-187.	1.6	212
7	Association of 24-Hour Cortisol Production Rates, Cortisol-Binding Globulin, and Plasma-Free Cortisol Levels with Body Composition, Leptin Levels, and Aging in Adult Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 281-287.	3.6	171
8	The importance of nutrition in pregnancy and lactation: lifelong consequences. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 607-632.	1.3	146
9	Type 2 Diabetes Remission Rates After Laparoscopic Gastric Bypass and Gastric Banding: Results of the Longitudinal Assessment of Bariatric Surgery Study. <i>Diabetes Care</i> , 2016, 39, 1101-1107.	8.6	117
10	Weight Effect of Current and Experimental Drugs for Diabetes Mellitus. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2003, 2, 33-47.	1.8	104
11	Enhanced cortisol production rates, free cortisol, and 11 β -HSD-1 expression correlate with visceral fat and insulin resistance in men: effect of weight loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E351-E357.	3.5	94
12	Effect of Bariatric Surgery on CKD Risk. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1289-1300.	6.1	87
13	Relationship of Family History of Type 2 Diabetes, Hypoglycemia, and Autoantibodies to Weight Gain and Lipids With Intensive and Conventional Therapy in the Diabetes Control and Complications Trial. <i>Diabetes</i> , 2003, 52, 2623-2629.	0.6	82
14	Impact of Excessive Weight Gain on Cardiovascular Outcomes in Type 1 Diabetes: Results From the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) Study. <i>Diabetes Care</i> , 2017, 40, 1756-1762.	8.6	77
15	Brain functional magnetic resonance imaging response to glucose and fructose infusions in humans. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 229-234.	4.4	72
16	Inflammatory Determinants of Pregravid Obesity in Placenta and Peripheral Blood. <i>Frontiers in Physiology</i> , 2018, 9, 1089.	2.8	68
17	Maternal obesity alters immune cell frequencies and responses in umbilical cord blood samples. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 344-351.	2.6	67
18	Effects of Levothyroxine Replacement or Suppressive Therapy on Energy Expenditure and Body Composition. <i>Thyroid</i> , 2016, 26, 347-355.	4.5	64

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19	Levels of Lipoprotein(a), Apolipoprotein B, and Lipoprotein Cholesterol Distribution in IDDM: Results From Follow-Up in the Diabetes Control and Complications Trial. <i>Diabetes</i> , 1995, 44, 1218-1226.	0.6	63
20	Application of PCSK9 Inhibitors in Practice. <i>Circulation Research</i> , 2019, 124, 32-37.	4.5	61
21	Relationship of Insulin Sensitivity and ApoB Levels to Intra-abdominal Fat in Subjects With Familial Combined Hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 567-572.	2.4	60
22	Metabolic Abnormalities in HIV Type 1-Infected Children Treated and Not Treated with Protease Inhibitors. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 1117-1123.	1.1	59
23	Maternal Pregravid Obesity Remodels the DNA Methylation Landscape of Cord Blood Monocytes Disrupting Their Inflammatory Program. <i>Journal of Immunology</i> , 2017, 199, 2729-2744.	0.8	55
24	Omentectomy added to Roux-en-Y gastric bypass surgery: a randomized, controlled trial. <i>Surgery for Obesity and Related Diseases</i> , 2013, 9, 269-275.	1.2	45
25	Discordant response of low-density lipoprotein cholesterol and lipoprotein(a) levels to monoclonal antibodies targeting proprotein convertase subtilisin/kexin type 9. <i>Journal of Clinical Lipidology</i> , 2017, 11, 667-673.	1.5	40
26	Diabetes Remission Status During Seven-year Follow-up of the Longitudinal Assessment of Bariatric Surgery Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 774-788.	3.6	40
27	Comparison of multiple methods to measure maternal fat mass in late gestation. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1055-1063.	4.7	38
28	Characterizing Sex Differences in Physical Frailty Phenotypes in Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e008076.	3.9	34
29	Contraception and Conception After Bariatric Surgery. <i>Obstetrics and Gynecology</i> , 2017, 130, 979-987.	2.4	31
30	Thyroid Function Variation in the Normal Range, Energy Expenditure, and Body Composition in L-T4-Treated Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2533-2542.	3.6	30
31	Prospective evaluation of insulin and incretin dynamics in obese adults with and without diabetes for 2Âyears after Roux-en-Y gastric bypass. <i>Diabetologia</i> , 2018, 61, 1142-1154.	6.3	30
32	Levels of Leptin during Hydrocortisone Infusions that Mimic Normal and Reversed Diurnal Cortisol Levels in Subjects with Adrenal Insufficiency1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3125-3128.	3.6	26
33	Application of PCSK9 Inhibitors in Practice. <i>Circulation Research</i> , 2017, 121, 499-501.	4.5	26
34	Poorer maternal diet quality and increased birth weight*. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1613-1619.	1.5	26
35	Plasma Distribution and Signaling Activities of IGF-II Precursors. <i>Endocrinology</i> , 2011, 152, 922-930.	2.8	25
36	Effects of Altering Levothyroxine Dose on Energy Expenditure and Body Composition in Subjects Treated With LT4. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4163-4175.	3.6	23

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37	Bariatric Surgery and Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1593.	7.4	22
38	Metals in urine in relation to the prevalence of pre-diabetes, diabetes and atherosclerosis in rural India. <i>Occupational and Environmental Medicine</i> , 2018, 75, 661-667.	2.8	22
39	Effects of transdermal estrogen on levels of lipids, lipase activity, and inflammatory markers in men with prostate cancer. <i>Journal of Lipid Research</i> , 2006, 47, 349-355.	4.2	21
40	The Association Between Kidney Disease and Diabetes Remission in Bariatric Surgery Patients With Type 2 Diabetes. <i>American Journal of Kidney Diseases</i> , 2019, 74, 761-770.	1.9	20
41	Determination of cortisol production rates with contemporary liquid chromatography-mass spectrometry to measure cortisol-d3 dilution after infusion of deuterated tracer. <i>Clinical Biochemistry</i> , 2011, 44, 430-434.	1.9	18
42	Metabolic Syndrome Prevalence and Associations in a Bariatric Surgery Cohort from the Longitudinal Assessment of Bariatric Surgery-2 Study. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 86-94.	1.3	18
43	Pregnancy and weaning regulate human maternal liver size and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
44	Short-Term, Low-Dose GH Therapy Improves Insulin Sensitivity Without Modifying Cortisol Metabolism and Ectopic Fat Accumulation in Adults With GH Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1862-E1869.	3.6	17
45	Macronutrient Regulation of Ghrelin and Peptide YY in Pediatric Obesity and Prader-Willi Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3822-3831.	3.6	17
46	Metabolites and diabetes remission after weight loss. <i>Nutrition and Diabetes</i> , 2021, 11, 10.	3.2	17
47	The Role of Glucagon-Like Peptide-1 in Energy Homeostasis. <i>Metabolic Syndrome and Related Disorders</i> , 2019, 17, 183-191.	1.3	16
48	Association between weight loss and serum biomarkers with risk of incident cancer in the Longitudinal Assessment of Bariatric Surgery cohort. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1086-1094.	1.2	16
49	Real-world utilization of bempedoic acid in an academic preventive cardiology practice. <i>Journal of Clinical Lipidology</i> , 2022, 16, 94-103.	1.5	16
50	Serum biomarkers of inflammation and adiposity in the LABS cohort: associations with metabolic disease and surgical outcomes. <i>International Journal of Obesity</i> , 2019, 43, 285-296.	3.4	13
51	Estradiol Replacement Timing and Obesogenic Diet Effects on Body Composition and Metabolism in Postmenopausal Macaques. <i>Endocrinology</i> , 2019, 160, 899-914.	2.8	13
52	A Randomized Controlled Trial of Long-Term (R)-Î±-Lipoic Acid Supplementation Promotes Weight Loss in Overweight or Obese Adults without Altering Baseline Elevated Plasma Triglyceride Concentrations. <i>Journal of Nutrition</i> , 2020, 150, 2336-2345.	2.9	13
53	Unusual responses to PCSK9 inhibitors in a clinical cohort utilizing a structured follow-up protocol. <i>American Journal of Preventive Cardiology</i> , 2020, 1, 100012.	3.0	13
54	Hepatic Sensing Loop Regulates PCSK9 Secretion in Response to Inhibitory Antibodies. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1437-1449.	2.8	13

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55	Conception rates and contraceptive use after bariatric surgery among women with infertility: Evidence from a prospective multicenter cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 777-785.	1.2	10
56	Real-world utilization of pharmacotherapy with new evidence-based cardiovascular indications in an academic preventive cardiology practice. <i>American Journal of Preventive Cardiology</i> , 2021, 5, 100144.	3.0	7
57	Candidate biomarkers of physical frailty in heart failure: an exploratory cross-sectional study. <i>European Journal of Cardiovascular Nursing</i> , 2023, 22, 149-157.	0.9	7
58	Habitual Intake of Marine-Derived n-3 PUFAs is Inversely Associated with a Cardiometabolic Inflammatory Profile in Yup'ik Alaska Native People. <i>Journal of Nutrition</i> , 2022, 152, 844-855.	2.9	6
59	Bariatric/Metabolic Surgery for Diabetes: Lessons From the Past and Present. <i>Diabetes Care</i> , 2019, 42, 186-188.	8.6	5
60	Associations of Pregnancy After Bariatric Surgery with Long-Term Weight Trajectories and Birth Weight: LABS Study. <i>Obesity</i> , 2020, 28, 2209-2215.	3.0	4
61	Optimizing sodium-glucose co-transporter 2 inhibitor use in patients with heart failure with reduced ejection fraction: A collaborative clinical practice statement. <i>American Journal of Preventive Cardiology</i> , 2021, 6, 100183.	3.0	4
62	Effects of postweaning calorie restriction on accelerated growth and adiponectin in nutritionally programmed microswine offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R354-R368.	1.8	3
63	Weight gain trajectories and obesity rates in intensive and conventional treatments of type 1 diabetes from the DCCT compared with a control population without diabetes. <i>Diabetic Medicine</i> , 2022, 39, e14794.	2.3	3
64	Changes in Visceral and Ectopic Adipose Tissue Stores Across Pregnancy and Their Relationship to Gestational Weight Gain. <i>Journal of Nutrition</i> , 2022, 152, 1130-1137.	2.9	2
65	Short-term intestinal lipase inhibition in normal-weight individuals does not affect postprandial peptide YY ₃₋₆ and glucagon-like peptide-1 levels, hunger or satiety. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2499-2503.	4.4	1
66	Glucocorticoid Receptor Antagonism as a New "Remedy" for Insulin Resistance? Not There Yet!. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2447-e2449.	3.6	1
67	Comparison of Blood Glucose Monitoring Systems for Use in Insulin Clamp Studies During Either Intralipid or Glycerol Co-infusions. <i>Journal of Diabetes Science and Technology</i> , 2018, 12, 232-233.	2.2	0
68	Management of chronic diseases in preventive cardiology: Revisiting "the Problem of Obesity". <i>American Journal of Preventive Cardiology</i> , 2020, 1, 100005.	3.0	0
69	Use of commercial genetic testing to help reclassify LDL receptor variants in clinical practice: A case report. <i>Journal of Clinical Lipidology</i> , 2021, 15, 447-450.	1.5	0
70	Abnormal body composition, leptin & ghrelin levels in children with mitochondrial trifunctional protein (TFP) deficiency. <i>FASEB Journal</i> , 2006, 20, A589.	0.5	0
71	Metabolic Syndrome (MS) is Associated with Higher Prevalence of Cardiovascular Disease (CVD) and Sleep Apnea (SA), Longer Length of Hospital Stay (LOS) and Higher Re-hospitalization Rate after Bariatric Surgery in the Longitudinal Assessment of Bariatric Surgery (LABS) Cohort. <i>FASEB Journal</i> , 2011, 25, 212.7.	0.5	0