

Denis Prud'homme

List of Publications by Year in descending order

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89
papers

4,552
citations

126907

33
h-index

102487

66
g-index

91
all docs

91
docs citations

91
times ranked

7112
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Aerobic Training, Resistance Training, or Both on Glycemic Control in Type 2 Diabetes. <i>Annals of Internal Medicine</i> , 2007, 147, 357.	3.9	958
2	The Metabolically Healthy but Obese Individual Presents a Favorable Inflammation Profile. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4145-4150.	3.6	518
3	The effect of the menopausal transition on body composition and cardiometabolic risk factors. <i>Menopause</i> , 2012, 19, 760-767.	2.0	164
4	Effects of Aerobic Training, Resistance Training, or Both on Percentage Body Fat and Cardiometabolic Risk Markers in Obese Adolescents. <i>JAMA Pediatrics</i> , 2014, 168, 1006.	6.2	150
5	Contribution of age and declining androgen levels to features of the metabolic syndrome in men. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 1034-1040.	3.4	124
6	Resistance Training Does Not Contribute to Improving the Metabolic Profile after a 6-Month Weight Loss Program in Overweight and Obese Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3226-3233.	3.6	116
7	Identifying Metabolically Healthy but Obese Individuals in Sedentary Postmenopausal Women. <i>Obesity</i> , 2010, 18, 911-917.	3.0	114
8	Effects of Open-Loop Feedback on Physical Activity and Television Viewing in Overweight and Obese Children: A Randomized, Controlled Trial. <i>Pediatrics</i> , 2006, 118, e157-e166.	2.1	98
9	The interleukin 6 $\alpha^{174}G/C$ Polymorphism is associated with indices of obesity in men. <i>Journal of Human Genetics</i> , 2003, 48, 0014-0019.	2.3	84
10	A Multilevel Analysis of Neighbourhood Built and Social Environments and Adult Self-Reported Physical Activity and Body Mass Index in Ottawa, Canada. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 3953-3978.	2.6	82
11	Ottawa Panel Evidence-Based Clinical Practice Guidelines for the Management of Osteoarthritis in Adults Who Are Obese or Overweight. <i>Physical Therapy</i> , 2011, 91, 843-861.	2.4	79
12	Relationship between sex hormone-binding globulin levels and features of the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 724-730.	3.4	76
13	Nutritional modulation of endogenous glucagon-like peptide-1 secretion: a review. <i>Nutrition and Metabolism</i> , 2016, 13, 92.	3.0	76
14	Time course of liver lipid infiltration in ovariectomized rats: Impact of a high-fat diet. <i>Maturitas</i> , 2007, 58, 182-190.	2.4	72
15	Effects of Modifying Physical Activity and Sedentary Behavior on Psychosocial Adjustment in Overweight/Obese Children. <i>Journal of Pediatric Psychology</i> , 2007, 32, 783-793.	2.1	68
16	The determinants of prevalence of health complaints among young competitive swimmers. <i>International Archives of Occupational and Environmental Health</i> , 2006, 80, 32-39.	2.3	65
17	Video Game Playing Is Independently Associated with Blood Pressure and Lipids in Overweight and Obese Adolescents. <i>PLoS ONE</i> , 2011, 6, e26643.	2.5	62
18	Effect of Exercise Training on Physical Fitness in Type II Diabetes Mellitus. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1439-1447.	0.4	60

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19	Anthropometric, Metabolic, Psychosocial, and Dietary Characteristics of Overweight/Obese Postmenopausal Women with a History of Weight Cycling: A MONET (Montreal Ottawa New Emerging) Tj ETQq1 10.7843149gBT /Ove	1.9	49
20	Body composition and energy intake – skeletal muscle mass is the strongest predictor of food intake in obese adolescents: The HEARTY trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 611-617.	1.9	59
21	Gemfibrozil Reduces Plasma C-Reactive Protein Levels in Abdominally Obese Men With the Atherogenic Dyslipidemia of the Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 702-703.	2.4	58
22	Relationships Between Neighborhoods, Physical Activity, and Obesity: A Multilevel Analysis of a Large Canadian City. <i>Obesity</i> , 2012, 20, 2093-2100.	3.0	58
23	Physical activity is a confounding factor of the relation between eating frequency and body composition. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1200-5.	4.7	56
24	HDL particle size: a marker of the gender difference in the metabolic risk profile. <i>Atherosclerosis</i> , 2002, 160, 399-406.	0.8	54
25	Effects of aerobic training, resistance training, or both on psychological health in adolescents with obesity: The HEARTY randomized controlled trial.. <i>Journal of Consulting and Clinical Psychology</i> , 2015, 83, 1123-1135.	2.0	53
26	The effect of topiramate on energy balance in obese men: a 6-month double-blind randomized placebo-controlled study with a 6-month open-label extension. <i>European Journal of Clinical Pharmacology</i> , 2007, 63, 123-134.	1.9	52
27	Total peptide YY is a correlate of postprandial energy expenditure but not of appetite or energy intake in healthy women. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1458-1464.	3.4	52
28	The Metabolically Healthy But Obese Phenotype Is Associated With Lower Plasma Levels of Persistent Organic Pollutants as Compared to the Metabolically Abnormal Obese Phenotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1061-E1066.	3.6	46
29	Effects of aerobic training, resistance training, or both on cardiorespiratory and musculoskeletal fitness in adolescents with obesity: the HEARTY trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 255-265.	1.9	46
30	Investigating predictors of eating: is resting metabolic rate really the strongest proxy of energy intake?. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1206-1212.	4.7	41
31	Body composition, cardiometabolic risk factors, physical activity, and inflammatory markers in premenopausal women after a 10-year follow-up: a MONET study. <i>Menopause</i> , 2018, 25, 89-97.	2.0	41
32	Influences of the PPAR α -L162V polymorphism on plasma HDL2-cholesterol response of abdominally obese men treated with gemfibrozil. <i>Genetics in Medicine</i> , 2002, 4, 311-315.	2.4	36
33	Visceral obesity and hyperinsulinemia modulate the impact of the microsomal triglyceride transfer protein α 493G/T polymorphism on plasma lipoprotein levels in men. <i>Atherosclerosis</i> , 2002, 160, 317-324.	0.8	35
34	The Visceral Adiposity Index: Relationship with cardiometabolic risk factors in obese and overweight postmenopausal women – A MONET group study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 892-899.	1.9	34
35	Exercise and Newer Insulins: How Much Glucose Supplement to Avoid Hypoglycemia?. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1276-1282.	0.4	33
36	Test-retest reliability of a portable monitor to assess energy expenditure. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 339-343.	1.9	33

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37	Plasma Leptin Response to an Epinephrine Infusion in Lean and Obese Women. <i>Obesity</i> , 2002, 10, 6-13.	4.0	30
38	Lifestyle Interventions Targeting Body Weight Changes during the Menopause Transition: A Systematic Review. <i>Journal of Obesity</i> , 2014, 2014, 1-16.	2.7	30
39	Exercise training decreases hepatic SCD-1 gene expression and protein content in rats. <i>Molecular and Cellular Biochemistry</i> , 2010, 335, 291-299.	3.1	29
40	Exercise Intensity Prescription in Obese Individuals. <i>Obesity</i> , 2008, 16, 2088-2095.	3.0	28
41	Resistance training prevents liver fat accumulation in ovariectomized rats. <i>Maturitas</i> , 2008, 59, 259-267.	2.4	28
42	Top 10 practical lessons learned from physical activity interventions in overweight and obese children and adolescents. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 249-258.	1.9	28
43	Exercise training decreases plasma leptin levels and the expression of hepatic leptin receptor-a, -b, and -e in rats. <i>Molecular and Cellular Biochemistry</i> , 2009, 324, 13-20.	3.1	27
44	Reduction in serum apoB is associated with reduced inflammation and insulin resistance in post-menopausal women: A MONET study. <i>Atherosclerosis</i> , 2010, 211, 682-688.	0.8	27
45	Effects of the addition of a resistance training programme to a caloric restriction weight loss intervention on psychosocial factors in overweight and obese post-menopausal women: A Montreal Ottawa New Emerging Team study. <i>Journal of Sports Sciences</i> , 2010, 28, 83-92.	2.0	26
46	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. <i>Physiology and Behavior</i> , 2018, 191, 138-145.	2.1	26
47	Anthropometric, metabolic, psychosocial and dietary factors associated with dropout in overweight and obese postmenopausal women engaged in a 6-month weight loss programme: a MONET study. <i>British Journal of Nutrition</i> , 2010, 103, 1230-1235.	2.3	25
48	Measurement of bioactive osteocalcin in humans using a novel immunoassay reveals association with glucose metabolism and β^2 -cell function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E381-E391.	3.5	25
49	Interindividual variability and individual responses to exercise training in adolescents with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 45-54.	1.9	24
50	Effects of the <i>FABP2</i> A54T Mutation on Triglyceride Metabolism of Viscerally Obese Men. <i>Obesity</i> , 2001, 9, 668-675.	4.0	23
51	Knowledge translation to fitness trainers: A systematic review. <i>Implementation Science</i> , 2010, 5, 28.	6.9	22
52	ACSL5 genotype influence on fatty acid metabolism: a cellular, tissue, and whole-body study. <i>Metabolism: Clinical and Experimental</i> , 2018, 83, 271-279.	3.4	20
53	Changes in the Brain-Derived Neurotrophic Factor Are Associated with Improvements in Diabetes Risk Factors after Exercise Training in Adolescents with Obesity: The HEARTY Randomized Controlled Trial. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	2.2	20
54	Specific adaptations of estrogen receptor α and β transcripts in liver and heart after endurance training in rats. <i>Molecular and Cellular Biochemistry</i> , 2007, 306, 179-187.	3.1	19

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55	Gender Differences in Response to a Physical Activity Intervention in Overweight and Obese Children. <i>Journal of Physical Activity and Health</i> , 2008, 5, 592-606.	2.0	18
56	A one-year resistance training program following weight loss has no significant impact on body composition and energy expenditure in postmenopausal women living with overweight and obesity. <i>Physiology and Behavior</i> , 2018, 189, 99-106.	2.1	18
57	Resistance training attenuates fat mass regain after weight loss in ovariectomized rats. <i>Maturitas</i> , 2009, 64, 52-57.	2.4	17
58	Effect of apoC-III gene polymorphisms on the lipoprotein-lipid profile of viscerally obese men. <i>Journal of Lipid Research</i> , 2003, 44, 986-993.	4.2	15
59	Relationship between the metabolic syndrome and physical activity energy expenditure: a MONET study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 309-314.	1.9	15
60	The Need to Objectively Measure Physical Activity During Pregnancy: Considerations for Clinical Research and Public Health Impact. <i>Maternal and Child Health Journal</i> , 2018, 22, 637-641.	1.5	15
61	Muscle and Liver Insulin Resistance Indexes Derived From the Oral Glucose Tolerance Test: Response to Abdul-Ghani et al.. <i>Diabetes Care</i> , 2007, 30, e83-e83.	8.6	13
62	Effect of the detraining status on high-fat diet induced fat accumulation in the adipose tissue and liver in female rats. <i>Physiology and Behavior</i> , 2007, 91, 281-289.	2.1	13
63	Effects of Exercise Training on Molecular Markers of Lipogenesis and Lipid Partitioning in Fructose-Induced Liver Fat Accumulation. <i>Journal of Nutrition and Metabolism</i> , 2012, 2012, 1-10.	1.8	12
64	Effect of the menopausal transition and physical activity energy expenditure on inflammatory markers: a MONET group study. <i>Menopause</i> , 2016, 23, 1330-1338.	2.0	11
65	Effects of a 6-month caloric restriction induced-weight loss program in obese postmenopausal women with and without the metabolic syndrome: a MONET study. <i>Menopause</i> , 2017, 24, 908-915.	2.0	11
66	Cardiometabolic risk factors in type 2 diabetes with high fat and low muscle mass: At baseline and in response to exercise. <i>Obesity</i> , 2017, 25, 881-891.	3.0	11
67	Does exercise training affect resting metabolic rate in adolescents with obesity?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 15-22.	1.9	11
68	Improvement in insulin sensitivity by weight loss does not affect hyperinsulinemia-mediated reduction in total and high molecular weight adiponectin: a MONET study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 191-200.	1.9	10
69	Acyl-CoA synthetase long-chain 5 genotype is associated with body composition changes in response to lifestyle interventions in postmenopausal women with overweight and obesity: a genetic association study on cohorts Montr�al-Ottawa New Emerging Team, and Complications Associated with Obesity. <i>BMC Medical Genetics</i> , 2016, 17, 56.	2.1	8
70	Parental overweight/obesity, social factors, and child overweight/obesity at 7 years of age. <i>Pediatrics International</i> , 2011, 53, 826-831.	0.5	7
71	Relation between energy intake and glycemic control in physically active young adults with type 1 diabetes. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 47-50.	1.3	7
72	Changes in glucose disposal after a caloric restriction‐induced weight loss program in obese postmenopausal women. <i>Menopause</i> , 2015, 22, 96-103.	2.0	7

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73	Influence of cardiorespiratory fitness and physical activity levels on cardiometabolic risk factors during menopause transition: A MONET study. Preventive Medicine Reports, 2016, 4, 277-282.	1.8	7
74	Physical activity and perceptions of stress during the menopause transition: A longitudinal study. Journal of Health Psychology, 2019, 24, 799-811.	2.3	7
75	The Health Impact of Living in a Nursing Home With a Predominantly Different Spoken Language. Journal of the American Medical Directors Association, 2019, 20, 1649-1651.	2.5	6
76	Reference range thyroid-stimulating hormone is associated with physical activity energy expenditure in overweight and obese postmenopausal women: a Montreal-Ottawa New Emerging Team Study. Metabolism: Clinical and Experimental, 2010, 59, 1597-1602.	3.4	5
77	Intervention Strategies for Prevention of Comorbid Depression Among Individuals With Type 2 Diabetes: A Scoping Review. Frontiers in Public Health, 2019, 7, 35.	2.7	5
78	Access to Resources in the Community Through Navigation: Protocol for a Mixed-Methods Feasibility Study. JMIR Research Protocols, 2019, 8, e11022.	1.0	5
79	Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients With the Canadian C-Spine Rule and Selectively Transport Them Without Immobilization: Protocol for a Stepped-Wedge Cluster Randomized Trial. JMIR Research Protocols, 2020, 9, e16966.	1.0	5
80	Middle-aged women's decisions about body weight management. Menopause, 2015, 22, 414-422.	2.0	4
81	Obesity among postmenopausal women: what is the best anthropometric index to assess adiposity and success of weight-loss intervention?. Menopause, 2021, 28, 678-685.	2.0	4
82	Effect of the factor VII R353Q missense mutation on plasma apolipoprotein B levels: impact of visceral obesity. Journal of Human Genetics, 2003, 48, 367-373.	2.3	3
83	Changes in total and central fat mass after a hypocaloric diet associate with changes of apoC-I in postmenopausal obese women. Journal of Clinical Lipidology, 2014, 8, 510-519.	1.5	3
84	Body Composition Indices in Women With Well-Controlled Type 1 Diabetes. Diabetes Care, 2008, 31, e48-e48.	8.6	2
85	Relative contribution of muscle and liver insulin resistance to dysglycemia in postmenopausal overweight and obese women: A MONET group study. Annales D'Endocrinologie, 2017, 78, 1-8.	1.4	2
86	Energy Density is Not a Consistent Correlate of Adiposity in Women During the Menopausal Transition. Canadian Journal of Dietetic Practice and Research, 2017, 78, 20-25.	0.6	2
87	Quality and Safety in Long-Term Care in Ontario: The Impact of Language Discordance. Journal of the American Medical Directors Association, 2021, 22, 2147-2153.e3.	2.5	2
88	Watching television or listening to music while exercising failed to affect post-exercise food intake or energy expenditure in male adolescents. Appetite, 2018, 127, 266-273.	3.7	1
89	Physical activity energy expenditure and fat-free mass: relationship with metabolic syndrome in overweight or obese postmenopausal women. Applied Physiology, Nutrition and Metabolism, 2021, 46, 389-396.	1.9	1