

# Benoit Dugue

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

3,398  
citations

136940

32  
h-index

161844

54  
g-index

108  
all docs

108  
docs citations

108  
times ranked

3835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-body cryostimulation in obesity. A scoping review. Journal of Thermal Biology, 2022, 106, 103250.	2.5	15
2	Cooling During Exercise May Induce Benefits Linked to Improved Brain Perfusion. International Journal of Sports Medicine, 2021, 42, 122-131.	1.7	1
3	Impact of acute partial-body cryostimulation on cognitive performance, cerebral oxygenation, and cardiac autonomic activity. Scientific Reports, 2021, 11, 7793.	3.3	10
4	<sup>1</sup> H-NMR-Based Analysis for Exploring Knee Synovial Fluid Metabolite Changes after Local Cryotherapy in Knee Arthritis Patients. Metabolites, 2020, 10, 460.	2.9	6
5	The use of whole-body cryotherapy: time- and dose-response investigation on circulating blood catecholamines and heart rate variability. European Journal of Applied Physiology, 2020, 120, 1733-1743.	2.5	29
6	Per-Cooling (Using Cooling Systems during Physical Exercise) Enhances Physical and Cognitive Performances in Hot Environments. A Narrative Review. International Journal of Environmental Research and Public Health, 2020, 17, 1031.	2.6	19
7	Cooling during exercise enhances performances, but the cooled body areas matter: A systematic review with meta-analyses. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1660-1676.	2.9	44
8	Circulating soluble intercellular adhesion molecule-1 (sICAM-1) after exercise-induced muscular damage: Does the use of whole-body cryostimulation influence its concentration in blood?. Cryobiology, 2019, 87, 120-122.	0.7	3
9	The Effect of Exercise on Glucoregulatory Hormones: A Countermeasure to Human Aging: Insights from a Comprehensive Review of the Literature. International Journal of Environmental Research and Public Health, 2019, 16, 1709.	2.6	23
10	Air/CO <sub>2</sub> cooling garment: Description and benefits of use for subjects exposed to a hot and humid climate during physical activities. International Journal of Mining Science and Technology, 2019, 29, 899-903.	10.3	33
11	Partial-body cryostimulation after training improves sleep quality in professional soccer players. BMC Research Notes, 2019, 12, 141.	1.4	16
12	30-min whole body cryotherapy/cryostimulation after training in the evening improves sleep quality in physically active men. European Journal of Sport Science, 2019, 19, 860-867.	2.7	36
13	What everybody should know about postural changes. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 407-410.	1.2	3
14	An Evidence-Based Approach for Choosing Post-exercise Recovery Techniques to Reduce Markers of Muscle Damage, Soreness, Fatigue, and Inflammation: A Systematic Review With Meta-Analysis. Frontiers in Physiology, 2018, 9, 403.	2.8	189
15	Thermal Sensations During a Partial-Body Cryostimulation Exposure in Elite Basketball Players. Journal of Human Kinetics, 2018, 62, 55-63.	1.5	14
16	Validation of a new whole-body cryotherapy chamber based on forced convection. Journal of Thermal Biology, 2017, 65, 138-144.	2.5	18
17	The practice of physical activity and cryotherapy in rheumatoid arthritis: systematic review. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 775-787.	2.2	18
18	Whole- and partial-body cryostimulation/cryotherapy: Current technologies and practical applications. Journal of Thermal Biology, 2016, 61, 67-81.	2.5	117

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19	Whole-body cryostimulation (cryotherapy) provides benefits for fatigue and functional status in multiple sclerosis patients. A case-control study. <i>Acta Neurologica Scandinavica</i> , 2016, 134, 420-426.	2.1	55
20	An attempt to improve Ferreira-Junior model concerning the anti-inflammatory action of whole-body cryotherapy after exercise induced muscular damage (EIMD). <i>Frontiers in Physiology</i> , 2015, 6, 35.	2.8	12
21	The "Stroop Walking Task": An innovative dual-task for the early detection of executive function impairment. <i>Neurophysiologie Clinique</i> , 2015, 45, 181-190.	2.2	16
22	Cryotherapy in inflammatory rheumatic diseases: a systematic review. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 281-294.	3.0	94
23	THE USE OF WHOLE-BODY CRYOSTIMULATION TO IMPROVE THE QUALITY OF SLEEP IN ATHLETES DURING HIGH LEVEL STANDARD COMPETITIONS. <i>British Journal of Sports Medicine</i> , 2014, 48, 572.1-572.	6.7	26
24	Should the concept of MCI be revised in order to improve detection of dementia?. <i>Neurophysiologie Clinique</i> , 2014, 44, 235-237.	2.2	2
25	Cognitive Impairment Assessment through Visuospatial Memory Can Be Performed with a Modified Walking Corsi Test Using the "Magic Carpet". <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 1-13.	1.3	27
26	Estimation of the risk factors for falls in the elderly: Can meta-analysis provide a valid answer?. <i>Geriatrics and Gerontology International</i> , 2013, 13, 250-263.	1.5	44
27	Concomitant changes in clinical and posturographic data in elderly fallers during the course of an in-home anti-falling multimodal program "A preliminary investigation. <i>Neurophysiologie Clinique</i> , 2013, 43, 229-236.	2.2	7
28	Oral contraception but not menstrual cycle phase is associated with increased free cortisol levels and low hypothalamo-pituitary-adrenal axis reactivity. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 955-64.	3.3	20
29	Dry-Land Strength Training vs. Electrical Stimulation in Sprint Swimming Performance. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 497-505.	2.1	50
30	Effect of formed plantar orthosis on postural control in upright stance. <i>Annals of Physical and Rehabilitation Medicine</i> , 2012, 55, e114-e115.	2.3	0
31	Adding a cooling vest during cycling improves performance in warm and humid conditions. <i>Journal of Thermal Biology</i> , 2012, 37, 47-55.	2.5	52
32	Could home be an appropriate location for performing posturographic assessments in elderly subjects?. <i>Neurophysiologie Clinique</i> , 2012, 42, 133-137.	2.2	1
33	Impact of physical activity and sedentary behaviour on fall risks in older people: a systematic review and meta-analysis of observational studies. <i>European Review of Aging and Physical Activity</i> , 2012, 9, 5-15.	2.9	87
34	Circulating Androgens in Women. <i>Sports Medicine</i> , 2011, 41, 1-15.	6.5	66
35	Psychotropic Drugs and Falls in the Elderly People: Updated Literature Review and Meta-Analysis. <i>Journal of Aging and Health</i> , 2011, 23, 329-346.	1.7	132
36	Relevance of Water Gymnastics in Rehabilitation Programs in Patients With Chronic Heart Failure or Coronary Artery Disease With Normal Left Ventricular Function. <i>Journal of Cardiac Failure</i> , 2011, 17, 676-683.	1.7	32

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37	Exercise Rehabilitation Restores Physiological Cardiovascular Responses to Short-term Head-Out Water Immersion in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010, 30, 22-27.	2.1	17
38	<sup>1</sup> H NMR-based metabolomics approach for exploring urinary metabolome modifications after acute and chronic physical exercise. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1167-1176.	3.7	97
39	Nandrolone excretion in sedentary vs physically trained young women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 90-99.	2.9	4
40	Episodes of falling among elderly people: a systematic review and meta-analysis of social and demographic pre-disposing characteristics. <i>Clinics</i> , 2010, 65, 895-903.	1.5	68
41	Effects of a Physical Training Programme on Cognitive Function and Walking Efficiency in Elderly Persons with Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 29, 109-114.	1.5	215
42	Preanalytical factors and reference values in posturographic studies. Much remains to be done and explored. <i>Neurophysiologie Clinique</i> , 2010, 40, 209-210.	2.2	5
43	D'opense Ã©nergÃ©tique d'une tÃ¢che cognitive: exemple du jeu d'Ã©checs. <i>Science and Sports</i> , 2010, 25, 11-16.	2.5	5
44	Laxatives as a Risk Factor for Iatrogenic Falls in Elderly Subjects. <i>Drugs and Aging</i> , 2010, 27, 895-901.	2.7	13
45	Training-induced increase in nitric oxide metabolites in chronic heart failure and coronary artery disease: an extra benefit of water-based exercises?. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 215-221.	2.8	39
46	The stress of chess players as a model to study the effects of psychological stimuli on physiological responses: an example of substrate oxidation and heart rate variability in man. <i>European Journal of Applied Physiology</i> , 2009, 105, 343-349.	2.5	44
47	Effects of menstrual cycle, oral contraception, and training on exercise-induced changes in circulating DHEA-sulphate and testosterone in young women. <i>European Journal of Applied Physiology</i> , 2009, 106, 365-373.	2.5	50
48	Quantitative analysis of DHEA and androsterone in female urine: investigating the effects of menstrual cycle, oral contraception and training on exercise-induced changes in young women. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1315-1325.	3.7	6
49	Impressive anaerobic adaptations in elite karate athletes due to few intensive intermittent sessions added to regular karate training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 687-694.	2.9	52
50	Effects of whole-body cryotherapy on serum mediators of inflammation and serum muscle enzymes in athletes. <i>Journal of Thermal Biology</i> , 2009, 34, 55-59.	2.5	133
51	Effects of repeated whole-body cold exposures on serum concentrations of growth hormone, thyrotropin, prolactin and thyroid hormones in healthy women. <i>Cryobiology</i> , 2009, 58, 275-278.	0.7	34
52	Facteurs biologiques influenÃ§ant les concentrations urinaires en stÃ©roÃ©des anabolisants lors de contrÃ´les antidopage. <i>Science and Sports</i> , 2009, 24, 119-127.	0.5	0
53	Biological factors and the determination of androgens in female subjects. <i>Steroids</i> , 2008, 73, 1203-1216.	1.8	22
54	Effects of long-term whole-body cold exposures on plasma concentrations of ACTH, beta-endorphin, cortisol, catecholamines and cytokines in healthy females. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 145-153.	1.2	118

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55	EFFECTS OF DRY-LAND VS.RESISTED-AND ASSISTED-SPRINT EXERCISES ON SWIMMING SPRINT PERFORMANCES. Journal of Strength and Conditioning Research, 2007, 21, 599-605.	2.1	10
56	Effects of Dry-Land vs. Resisted- and Assisted-Sprint Exercises on Swimming Sprint Performances. Journal of Strength and Conditioning Research, 2007, 21, 599.	2.1	88
57	Lung function after acute and repeated exposures to extremely cold air (-110oC) during whole-body cryotherapy. Clinical Physiology and Functional Imaging, 2006, 26, 232-234.	1.2	22
58	Maximal Accumulated Oxygen Deficit and Blood Responses of Ammonia, Lactate and pH after Anaerobic Test: a Comparison between International and National Elite Karate Athletes. International Journal of Sports Medicine, 2006, 27, 810-817.	1.7	29
59	Influence of Tamsulosin on the Iris and Its Implications for Cataract Surgery. , 2006, 47, 3766.		51
60	Influence of a 6-week arm exercise program on walking ability and health status after hip arthroplasty: A 1-year follow-up pilot study. Journal of Rehabilitation Research and Development, 2006, 43, 445.	1.6	21
61	Acute and long-term effects of winter swimming and whole-body cryotherapy on plasma antioxidative capacity in healthy women. Scandinavian Journal of Clinical and Laboratory Investigation, 2005, 65, 395-402.	1.2	66
62	Ãvaluation du stress oxydant chez des patients atteints de bronchopneumopathie chronique obstructive aprÃs un entraÃnement de type aÃrobie. Science and Sports, 2005, 20, 48-50.	0.5	2
63	A specific arm-interval exercise program could improve the health status and walking ability of elderly patients after total hip arthroplasty: a pilot study. Journal of Rehabilitation Medicine, 2004, 36, 92-94.	1.1	40
64	Perceived exertion and rehabilitation with arm crank in elderly patients after total hip arthroplasty: A preliminary study. Journal of Rehabilitation Research and Development, 2004, 41, 611.	1.6	21
65	Proteinuria in cubilin-deficient patients with selective vitamin B12 malabsorption. Pediatric Nephrology, 2003, 18, 417-421.	1.7	72
66	Effects of Autogenic and Imagery Training on the Shooting Performance in Biathlon. Research Quarterly for Exercise and Sport, 2003, 74, 337-341.	1.4	29
67	RECOVERY AFTER TOTAL HIP JOINT ARTHROPLASTY IN ELDERLY PATIENTS WITH OSTEOARTHRITIS: POSITIVE EFFECT OF UPPER LIMB INTERVAL-TRAINING. Journal of Rehabilitation Medicine, 2003, 35, 174-179.	1.1	20
68	Ceramide 1-(2-cyanoethyl) phosphate enhances store-operated Ca2+ entry in thyroid FRTL-5 cells. European Journal of Pharmacology, 2002, 453, 1-11.	3.5	8
69	The driving license examination as a stress model. Life Sciences, 2001, 68, 1641-1647.	4.3	24
70	Interval training program on a wheelchair ergometer for paraplegic subjects. Spinal Cord, 2001, 39, 532-537.	1.9	60
71	Does Endurance or Sprint Training Influence the Perception of the Optimal Pedalling Rate During Submaximal Cycling Exercise?. International Journal of Sports Medicine, 2001, 22, 513-516.	1.7	3
72	Validation of a Rating Scale of Perceived Exertion in Young Children. International Journal of Sports Medicine, 2001, 22, 116-119.	1.7	31

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73	Hydrogen peroxide attenuates store-operated calcium entry and enhances calcium extrusion in thyroid FRTL-5 cells. Biochemical Journal, 2000, 351, 47.	3.7	16
74	Hydrogen peroxide attenuates store-operated calcium entry and enhances calcium extrusion in thyroid FRTL-5 cells. Biochemical Journal, 2000, 351, 47-56.	3.7	23
75	Extracellular ATP-mediated phospholipase a2 activation in rat thyroid FRTL-5 cells: Regulation by a Gi/Go protein, Ca2+, and mitogen-activated protein kinase. Journal of Cellular Physiology, 2000, 183, 155-162.	4.1	15
76	Adaptation related to cytokines in man: effects of regular swimming in ice-cold water. Clinical Physiology, 2000, 20, 114-121.	0.7	83
77	Preanalytical Factors (Biological Variation) and the Measurement of Serum Soluble Intercellular Adhesion Molecule-1 in Humans: Influence of the Time of Day, Food Intake, and Physical and Psychological Stress. Clinical Chemistry, 1999, 45, 1543-1547.	3.2	16
78	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. Biochemical Journal, 1999, 339, 621-628.	3.7	14
79	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. Biochemical Journal, 1999, 339, 621.	3.7	3
80	Urinary Excretion of Intrinsic Factor and the Receptor for Its Cobalamin Complex in GrÅsbeck-Imerslund Patients: The Disease May Have Subsets. Journal of Pediatric Gastroenterology and Nutrition, 1999, 29, 227-230.	1.8	5
81	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. Biochemical Journal, 1999, 339 ( Pt 3), 621-8.	3.7	4
82	Preanalytical factors (biological variation) and the measurement of serum soluble intercellular adhesion molecule-1 in humans: influence of the time of day, food intake, and physical and psychological stress. Clinical Chemistry, 1999, 45, 1543-7.	3.2	5
83	Protein tyrosine phosphorylation and calcium signaling in thyroid FRTL-5 cells. Journal of Cellular Physiology, 1998, 175, 211-219.	4.1	9
84	Packed-cell volume in athletes. Lancet, The, 1998, 352, 1387-1388.	13.7	3
85	Are the Preanalytical Factors Underestimated in Clinical Studies?. Clinical Chemistry and Laboratory Medicine, 1998, 36, 811.	2.3	3
86	Short-Term Variability in the Concentration of Serum Interleukin-6 and Its Soluble Receptor in Subjectively Healthy Persons. Clinical Chemistry and Laboratory Medicine, 1998, 36, 323-5.	2.3	22
87	When to collect blood specimens: midmorning vs fasting samples. Clinical Chemistry, 1998, 44, 2537-2542.	3.2	20
88	A Urinary Radioisotope-Binding Assay to Diagnose GrÅsbeck-Imerslund Disease. Journal of Pediatric Gastroenterology and Nutrition, 1998, 26, 21-25.	1.8	13
89	Different Effects of GH Treatment on Cognitive Function in Girls with Turner's Syndrome and in Adults with GH Deficiency. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1396-1396.	3.6	0
90	Psychological stress and skydiving. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1396-8.	3.6	1

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91	When to collect blood specimens: midmorning vs fasting samples. Clinical Chemistry, 1998, 44, 2537-42.	3.2	3
92	Preanalytical factors and the measurement of cytokines in human subjects. International Journal of Clinical and Laboratory Research, 1996, 26, 99-105.	1.0	38
93	CYTOKINES IN SALIVA. BASAL CONCENTRATIONS AND THE EFFECT OF HIGH AMBIENT HEAT (SAUNA). Stress and Health, 1996, 12, 193-197.	0.5	14
94	Purinergic agonist ATP is a comitogen in thyroid FRTL-5 cells. Journal of Cellular Physiology, 1996, 166, 241-248.	4.1	51
95	Intrinsic factor covalently bound to Sepharose as affinity medium for the purification of a soluble intrinsic factor receptor from human urine. Biomedical Applications, 1995, 664, 253-259.	1.7	6
96	Surgical patients with surprising laboratory data. The British Journal of Clinical Practice, 1995, 49, 121-2.	0.2	5
97	Preanalytical factors and standardized specimen collection: The effects of industrial noise. Stress and Health, 1994, 10, 185-189.	0.5	1
98	The influence of psychic stress and brain death on the intestinal receptor for the cobalaminâ€intrinsic factor complex in rats. Stress and Health, 1993, 9, 83-86.	0.5	8
99	Effects of psychological stress on plasma interleukins-1 beta and 6, C-reactive protein, tumour necrosis factor alpha, anti-diuretic hormone and serum Cortisol. Scandinavian Journal of Clinical and Laboratory Investigation, 1993, 53, 555-561.	1.2	91
100	Effects of psychological stress on plasma interleukins-1 beta and 6, C-reactive protein, tumour necrosis factor alpha, anti-diuretic hormone and serum cortisol. Scandinavian Journal of Clinical and Laboratory Investigation, 1993, 53, 555-61.	1.2	27
101	Preanalytical factors and standardized specimen collection: Influence of psychological stress. Scandinavian Journal of Clinical and Laboratory Investigation, 1992, 52, 43-50.	1.2	28