

Benoit Dugue

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

3,398
citations

156536

32
h-index

182931

54
g-index

108
all docs

108
docs citations

108
times ranked

4094
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-body cryostimulation in obesity. A scoping review. <i>Journal of Thermal Biology</i> , 2022, 106, 103250.	1.1	15
2	Cooling During Exercise May Induce Benefits Linked to Improved Brain Perfusion. <i>International Journal of Sports Medicine</i> , 2021, 42, 122-131.	0.8	1
3	Impact of acute partial-body cryostimulation on cognitive performance, cerebral oxygenation, and cardiac autonomic activity. <i>Scientific Reports</i> , 2021, 11, 7793.	1.6	10
4	¹ H-NMR-Based Analysis for Exploring Knee Synovial Fluid Metabolite Changes after Local Cryotherapy in Knee Arthritis Patients. <i>Metabolites</i> , 2020, 10, 460.	1.3	6
5	The use of whole-body cryotherapy: time- and dose-response investigation on circulating blood catecholamines and heart rate variability. <i>European Journal of Applied Physiology</i> , 2020, 120, 1733-1743.	1.2	29
6	Per-Cooling (Using Cooling Systems during Physical Exercise) Enhances Physical and Cognitive Performances in Hot Environments. A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1031.	1.2	19
7	Cooling during exercise enhances performances, but the cooled body areas matter: A systematic review with meta-analyses. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1660-1676.	1.3	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?. <i>Cryobiology</i> , 2019, 87, 120-122.	0.3	3
9	The Effect of Exercise on Glucoregulatory Hormones: A Countermeasure to Human Aging: Insights from a Comprehensive Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1709.	1.2	23
10	Air/CO ₂ cooling garment: Description and benefits of use for subjects exposed to a hot and humid climate during physical activities. <i>International Journal of Mining Science and Technology</i> , 2019, 29, 899-903.	4.6	33
11	Partial-body cryostimulation after training improves sleep quality in professional soccer players. <i>BMC Research Notes</i> , 2019, 12, 141.	0.6	16
12	30 min whole body cryotherapy/cryostimulation after training in the evening improves sleep quality in physically active men. <i>European Journal of Sport Science</i> , 2019, 19, 860-867.	1.4	36
13	What everybody should know about postural changes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 407-410.	0.6	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. <i>Frontiers in Physiology</i> , 2018, 9, 403.	1.3	189
15	Thermal Sensations During a Partial-Body Cryostimulation Exposure in Elite Basketball Players. <i>Journal of Human Kinetics</i> , 2018, 62, 55-63.	0.7	14
16	Validation of a new whole-body cryotherapy chamber based on forced convection. <i>Journal of Thermal Biology</i> , 2017, 65, 138-144.	1.1	18
17	The practice of physical activity and cryotherapy in rheumatoid arthritis: systematic review. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 775-787.	1.1	18
18	Whole- and partial-body cryostimulation/cryotherapy: Current technologies and practical applications. <i>Journal of Thermal Biology</i> , 2016, 61, 67-81.	1.1	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.	1.0	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.	1.3	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.	1.0	16
22	Cryotherapy in inflammatory rheumatic diseases: a systematic review. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 281-294.	1.3	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.	3.1	26
24	Should the concept of MCI be revised in order to improve detection of dementia?. <i>Neurophysiologie Clinique</i> , 2014, 44, 235-237.	1.0	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.	0.6	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.	0.7	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.	1.0	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.	1.8	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.	1.0	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.	1.1	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.	1.1	52
32	Could home be an appropriate location for performing posturographic assessments in elderly subjects?. <i>Neurophysiologie Clinique</i> , 2012, 42, 133-137.	1.0	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.	1.3	87
34	Circulating Androgens in Women. <i>Sports Medicine</i> , 2011, 41, 1-15.	3.1	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.	0.9	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.	0.7	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.	1.2	17
38	¹ 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.	1.9	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.	1.3	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.	0.6	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.	0.7	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.	1.0	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.	0.2	0
44	Laxatives as a Risk Factor for Iatrogenic Falls in Elderly Subjects. <i>Drugs and Aging</i> , 2010, 27, 895-901.	1.3	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.	3.1	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.	1.2	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.	1.2	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.	1.9	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.	1.3	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.	1.1	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.	0.3	34
52	Facteurs biologiques influenÃ§ant les concentrations urinaires en stÃ©roÃ©des anabolisants lors de contrÃªles antidopage. <i>Science and Sports</i> , 2009, 24, 119-127.	0.2	0
53	Biological factors and the determination of androgens in female subjects. <i>Steroids</i> , 2008, 73, 1203-1216.	0.8	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.	0.6	118

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55	EFFECTS OF DRY-LAND VS.RESISTED-AND ASSISTED-SPRINT EXERCISES ON SWIMMING SPRINT PERFORMANCES. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 599-605.	1.0	10
56	Effects of Dry-Land vs. Resisted- and Assisted-Sprint Exercises on Swimming Sprint Performances. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 599.	1.0	88
57	Lung function after acute and repeated exposures to extremely cold air (-110oC) during whole-body cryotherapy. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 232-234.	0.5	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. <i>International Journal of Sports Medicine</i> , 2006, 27, 810-817.	0.8	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. <i>Journal of Rehabilitation Research and Development</i> , 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. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005, 65, 395-402.	0.6	66
62	Évaluation du stress oxydant chez des patients atteints de bronchopneumopathie chronique obstructive après un entraînement de type aérobic. <i>Science and Sports</i> , 2005, 20, 48-50.	0.2	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. <i>Journal of Rehabilitation Medicine</i> , 2004, 36, 92-94.	0.8	40
64	Perceived exertion and rehabilitation with arm crank in elderly patients after total hip arthroplasty: A preliminary study. <i>Journal of Rehabilitation Research and Development</i> , 2004, 41, 611.	1.6	21
65	Proteinuria in cubilin-deficient patients with selective vitamin B12 malabsorption. <i>Pediatric Nephrology</i> , 2003, 18, 417-421.	0.9	72
66	Effects of Autogenic and Imagery Training on the Shooting Performance in Biathlon. <i>Research Quarterly for Exercise and Sport</i> , 2003, 74, 337-341.	0.8	29
67	RECOVERY AFTER TOTAL HIP JOINT ARTHROPLASTY IN ELDERLY PATIENTS WITH OSTEOARTHRITIS: POSITIVE EFFECT OF UPPER LIMB INTERVAL-TRAINING. <i>Journal of Rehabilitation Medicine</i> , 2003, 35, 174-179.	0.8	20
68	Ceramide 1-(2-cyanoethyl) phosphate enhances store-operated Ca ²⁺ entry in thyroid FRTL-5 cells. <i>European Journal of Pharmacology</i> , 2002, 453, 1-11.	1.7	8
69	The driving license examination as a stress model. <i>Life Sciences</i> , 2001, 68, 1641-1647.	2.0	24
70	Interval training program on a wheelchair ergometer for paraplegic subjects. <i>Spinal Cord</i> , 2001, 39, 532-537.	0.9	60
71	Does Endurance or Sprint Training Influence the Perception of the Optimal Pedalling Rate During Submaximal Cycling Exercise?. <i>International Journal of Sports Medicine</i> , 2001, 22, 513-516.	0.8	3
72	Validation of a Rating Scale of Perceived Exertion in Young Children. <i>International Journal of Sports Medicine</i> , 2001, 22, 116-119.	0.8	31

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73	Hydrogen peroxide attenuates store-operated calcium entry and enhances calcium extrusion in thyroid FRTL-5 cells. <i>Biochemical Journal</i> , 2000, 351, 47.	1.7	16
74	Hydrogen peroxide attenuates store-operated calcium entry and enhances calcium extrusion in thyroid FRTL-5 cells. <i>Biochemical Journal</i> , 2000, 351, 47-56.	1.7	23
75	Extracellular ATP-mediated phospholipase a2 activation in rat thyroid FRTL-5 cells: Regulation by a Gi/Go protein, Ca ²⁺ , and mitogen-activated protein kinase. <i>Journal of Cellular Physiology</i> , 2000, 183, 155-162.	2.0	15
76	Adaptation related to cytokines in man: effects of regular swimming in ice-cold water. <i>Clinical Physiology</i> , 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. <i>Clinical Chemistry</i> , 1999, 45, 1543-1547.	1.5	16
78	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. <i>Biochemical Journal</i> , 1999, 339, 621-628.	1.7	14
79	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. <i>Biochemical Journal</i> , 1999, 339, 621.	1.7	3
80	Urinary Excretion of Intrinsic Factor and the Receptor for Its Cobalamin Complex in GrÅsbeck-Imerslund Patients: The Disease May Have Subsets. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1999, 29, 227-230.	0.9	5
81	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. <i>Biochemical Journal</i> , 1999, 339 (Pt 3), 621-8.	1.7	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. <i>Clinical Chemistry</i> , 1999, 45, 1543-7.	1.5	5
83	Protein tyrosine phosphorylation and calcium signaling in thyroid FRTL-5 cells. <i>Journal of Cellular Physiology</i> , 1998, 175, 211-219.	2.0	9
84	Packed-cell volume in athletes. <i>Lancet, The</i> , 1998, 352, 1387-1388.	6.3	3
85	Are the Preanalytical Factors Underestimated in Clinical Studies?. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998, 36, 811.	1.4	3
86	Short-Term Variability in the Concentration of Serum Interleukin-6 and Its Soluble Receptor in Subjectively Healthy Persons. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998, 36, 323-5.	1.4	22
87	When to collect blood specimens: midmorning vs fasting samples. <i>Clinical Chemistry</i> , 1998, 44, 2537-2542.	1.5	20
88	A Urinary Radioisotope-Binding Assay to Diagnose GrÅsbeck-Imerslund Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1998, 26, 21-25.	0.9	13
89	Different Effects of GH Treatment on Cognitive Function in Girls with Turner's Syndrome and in Adults with GH Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1396-1396.	1.8	0
90	Psychological stress and skydiving. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1396-8.	1.8	1

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91	When to collect blood specimens: midmorning vs fasting samples. <i>Clinical Chemistry</i> , 1998, 44, 2537-42.	1.5	3
92	Preanalytical factors and the measurement of cytokines in human subjects. <i>International Journal of Clinical and Laboratory Research</i> , 1996, 26, 99-105.	1.0	38
93	CYTOKINES IN SALIVA. BASAL CONCENTRATIONS AND THE EFFECT OF HIGH AMBIENT HEAT (SAUNA). <i>Stress and Health</i> , 1996, 12, 193-197.	0.7	14
94	Purinergic agonist ATP is a comitogen in thyroid FRTL-5 cells. <i>Journal of Cellular Physiology</i> , 1996, 166, 241-248.	2.0	51
95	Intrinsic factor covalently bound to Sepharose as affinity medium for the purification of a soluble intrinsic factor receptor from human urine. <i>Biomedical Applications</i> , 1995, 664, 253-259.	1.7	6
96	Surgical patients with surprising laboratory data. <i>The British Journal of Clinical Practice</i> , 1995, 49, 121-2.	0.2	5
97	Preanalytical factors and standardized specimen collection: The effects of industrial noise. <i>Stress and Health</i> , 1994, 10, 185-189.	0.7	1
98	The influence of psychic stress and brain death on the intestinal receptor for the cobalaminâ€intrinsic factor complex in rats. <i>Stress and Health</i> , 1993, 9, 83-86.	0.7	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. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1993, 53, 555-561.	0.6	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. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1993, 53, 555-61.	0.6	27
101	Preanalytical factors and standardized specimen collection: Influence of psychological stress. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1992, 52, 43-50.	0.6	28