

David Simar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4244978/publications.pdf>

Version: 2024-02-01

59
papers

2,532
citations

201575

27
h-index

197736

49
g-index

60
all docs

60
docs citations

60
times ranked

4354
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal and Postnatal Overnutrition Differentially Impact Appetite Regulators and Fuel Metabolism. <i>Endocrinology</i> , 2008, 149, 5348-5356.	1.4	235
2	Energy cost of walking and gait instability in healthy 65- and 80-yr-olds. <i>Journal of Applied Physiology</i> , 2003, 95, 2248-2256.	1.2	193
3	Does Oxidative Stress Alter Quadriceps Endurance in Chronic Obstructive Pulmonary Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 1022-1027.	2.5	173
4	Barriers and facilitators of exercise experienced by cancer survivors: a mixed methods systematic review. <i>Supportive Care in Cancer</i> , 2018, 26, 685-700.	1.0	172
5	Hypothalamic Neuroendocrine Circuitry is Programmed by Maternal Obesity: Interaction with Postnatal Nutritional Environment. <i>PLoS ONE</i> , 2009, 4, e6259.	1.1	159
6	The Emerging Role of Epigenetics in Inflammation and Immunometabolism. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 782-795.	3.1	108
7	The Microbiota and Epigenetic Regulation of T Helper 17/Regulatory T Cells: In Search of a Balanced Immune System. <i>Frontiers in Immunology</i> , 2017, 8, 417.	2.2	103
8	Changes in Insulin Resistance and HbA1c Are Related to Exercise-Mediated Changes in Body Composition in Older Adults With Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 2372-2379.	4.3	88
9	DNA methylation is altered in B and NK lymphocytes in obese and type 2 diabetic human. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1188-1197.	1.5	87
10	Ionizing radiation-induced circulatory and metabolic diseases. <i>Environment International</i> , 2021, 146, 106235.	4.8	69
11	Reductions in C-reactive protein in older adults with type 2 diabetes are related to improvements in body composition following a randomized controlled trial of resistance training. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014, 5, 111-120.	2.9	66
12	Adaptations to exercise training within skeletal muscle in adults with type 2 diabetes or impaired glucose tolerance: a systematic review. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 13-40.	1.7	61
13	Exercise training alters the genomic response to acute exercise in human adipose tissue. <i>Epigenomics</i> , 2018, 10, 1033-1050.	1.0	61
14	Inflammatory and immunometabolic consequences of gut dysfunction in HIV: Parallels with IBD and implications for reservoir persistence and non-AIDS comorbidities. <i>EBioMedicine</i> , 2019, 46, 522-531.	2.7	57
15	Metabolically active CD4+ T cells expressing Glut1 and OX40 preferentially harbor HIV during <i>in vitro</i> infection. <i>FEBS Letters</i> , 2017, 591, 3319-3332.	1.3	56
16	Response of bone metabolism related hormones to a single session of strenuous exercise in active elderly subjects. <i>British Journal of Sports Medicine</i> , 2005, 39, 497-502.	3.1	55
17	Aerobic determinants of the decline in preferred walking speed in healthy, active 65- and 80-year-olds. <i>Pflügers Archiv European Journal of Physiology</i> , 2004, 447, 915-921.	1.3	49
18	Interaction between maternal obesity and post-natal over-nutrition on skeletal muscle metabolism. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 269-276.	1.1	46

#	ARTICLE	IF	CITATIONS
19	Heat shock proteins induction reduces stress kinases activation, potentially improving insulin signalling in monocytes from obese subjects. <i>Cell Stress and Chaperones</i> , 2012, 17, 615-621.	1.2	44
20	T cell epigenetic remodeling and accelerated epigenetic aging are linked to long-term immune alterations in childhood cancer survivors. <i>Clinical Epigenetics</i> , 2018, 10, 138.	1.8	41
21	Distance-delivered physical activity interventions for childhood cancer survivors: A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 118, 27-41.	2.0	39
22	Preadipocytes from obese humans with type 2 diabetes are epigenetically reprogrammed at genes controlling adipose tissue function. <i>International Journal of Obesity</i> , 2019, 43, 306-318.	1.6	37
23	Ionizing Radiation Potentiates High-Fat Diet-Induced Insulin Resistance and Reprograms Skeletal Muscle and Adipose Progenitor Cells. <i>Diabetes</i> , 2016, 65, 3573-3584.	0.3	35
24	Effect of an overground walking training on gait performance in healthy 65- to 80-year-olds. <i>Experimental Gerontology</i> , 2010, 45, 427-434.	1.2	34
25	Leucine Improves Glucose and Lipid Status in Offspring from Obese Dams, Dependent on Diet Type, but not Caloric Intake. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1356-1364.	1.2	32
26	Altered Methylation Profile of Lymphocytes Is Concordant with Perturbation of Lipids Metabolism and Inflammatory Response in Obesity. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-11.	1.0	31
27	Exendin-4 is effective against metabolic disorders induced by intrauterine and postnatal overnutrition in rodents. <i>Diabetologia</i> , 2014, 57, 614-622.	2.9	30
28	Physical Activity Modulates Heat Shock Protein-72 Expression and Limits Oxidative Damage Accumulation in a Healthy Elderly Population Aged 60-90 Years. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1413-1419.	1.7	27
29	Maternal obesity impairs brain glucose metabolism and neural response to hyperglycemia in male rat offspring. <i>Journal of Neurochemistry</i> , 2014, 129, 297-303.	2.1	27
30	Effect of age on Hsp72 expression in leukocytes of healthy active people. <i>Experimental Gerontology</i> , 2004, 39, 1467-1474.	1.2	25
31	Response of calciotropic hormones and bone turnover to brisk walking according to age and fitness level. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 463-467.	0.6	25
32	Barriers and enablers to physical activity and aerobic fitness deficits among childhood cancer survivors. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28339.	0.8	24
33	The 6-minute walk test is a good predictor of cardiorespiratory fitness in childhood cancer survivors when access to comprehensive testing is limited. <i>International Journal of Cancer</i> , 2020, 147, 847-855.	2.3	23
34	Epigenetic Reprogramming of Immune Cells in Women With PCOS Impact Genes Controlling Reproductive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6155-6170.	1.8	22
35	Effect of antioxidants and exercise on bone metabolism. <i>Journal of Sports Sciences</i> , 2008, 26, 251-258.	1.0	19
36	Effect of an 8-weeks aerobic training program in elderly on oxidative stress and Hsp72 expression in leukocytes during antioxidant supplementation. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 155-161.	1.5	19

#	ARTICLE	IF	CITATIONS
37	Plasma and lymphocyte Hsp72 responses to exercise in athletes with prior exertional heat illness. <i>Amino Acids</i> , 2014, 46, 1491-1499.	1.2	18
38	Chronic erythropoietin treatment improves diet-induced glucose intolerance in rats. <i>Journal of Endocrinology</i> , 2015, 225, 77-88.	1.2	14
39	How physically active do Australian and New Zealander childhood cancer survivors perceive themselves? A report from the ANZCHOG survivorship study. <i>Complementary Therapies in Medicine</i> , 2019, 44, 196-203.	1.3	13
40	Graded Resistance Exercise And Type 2 Diabetes in Older adults (The GREAT2DO study): methods and baseline cohort characteristics of a randomized controlled trial. <i>Trials</i> , 2015, 16, 512.	0.7	12
41	Genes controlling the activation of natural killer lymphocytes are epigenetically remodeled in intestinal cells from germ-free mice. <i>FASEB Journal</i> , 2019, 33, 2719-2731.	0.2	12
42	The Use of Activity Trackers in Interventions for Childhood Cancer Patients and Survivors: A Systematic Review. <i>Journal of Adolescent and Young Adult Oncology</i> , 2021, 10, 1-14.	0.7	12
43	Glucose Transporter-4 expression in monocytes: A systematic review. <i>Diabetes Research and Clinical Practice</i> , 2009, 84, 123-131.	1.1	11
44	Aerobic and Functional Capacities in a Selected Active Population of European Octogenarians. <i>International Journal of Sports Medicine</i> , 2005, 26, 128-133.	0.8	10
45	The effectiveness of high intensity intermittent training on metabolic, reproductive and mental health in women with polycystic ovary syndrome: study protocol for the iHIT- randomised controlled trial. <i>Trials</i> , 2019, 20, 221.	0.7	10
46	Short term exendin-4 treatment reduces markers of metabolic disorders in female offspring of obese rat dams. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 67-75.	0.7	9
47	Strengths and weaknesses of established indirect models to detect recombinant human erythropoietin abuse on blood samples collected 48-hr post administration. <i>Haematologica</i> , 2004, 89, 891-2.	1.7	9
48	Irradiation impairs mitochondrial function and skeletal muscle oxidative capacity: significance for metabolic complications in cancer survivors. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154025.	1.5	8
49	Characterisation of the cytokine milieu associated with the up-regulation of IL-6 and suppressor of cytokine 3 in chronic hepatitis C treatment non-responders. <i>Liver International</i> , 2015, 35, 463-472.	1.9	5
50	Accuracy of perceived physical activity and fitness levels among childhood cancer survivors. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29134.	0.8	4
51	Satisfaction with an exercise physiology consultation after treatment for childhood cancer: An opportunity for healthy lifestyle education. <i>Heart and Mind (Mumbai, India)</i> , 2019, 3, 77.	0.2	4
52	Muscle and adipose tissue biopsy in older adults with type 2 diabetes. <i>Journal of Diabetes Mellitus</i> , 2011, 01, 27-35.	0.1	3
53	The Effect of High-Intensity Power Training on Habitual, Intervention and Total Physical Activity Levels in Older Adults with Type 2 Diabetes: Secondary Outcomes of the GREAT2DO Randomized Controlled Trial. <i>Geriatrics (Switzerland)</i> , 2021, 6, 15.	0.6	2
54	The effect of exercise intensity on exercise-induced hypoalgesia in cancer survivors: A randomized crossover trial. <i>Physiological Reports</i> , 2021, 9, e15047.	0.7	2

#	ARTICLE	IF	CITATIONS
55	Effect of High Intensity Power Training on Cognitive Function in Older Adults with Type 2 Diabetes: Secondary Outcomes of the GREAT2DO Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, , .	1.7	2
56	Antioxidant Supplementation in the Elderly and Leukocytes. , 2014, , 277-287.		0
57	S100A8, S100A9 and S100A12 Expression in Myeloid Cells from Whole Blood from Patients with Common Lung Diseases. Pulmonary and Critical Care Medicine, 2016, 2, .	0.2	0
58	Exercise Induced Analgesia in Survivors of Cancer. Medicine and Science in Sports and Exercise, 2017, 49, 163.	0.2	0
59	Six-year Effects Of Power Training On Physical Activity In Older Adults With Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2020, 52, 526-526.	0.2	0