

Hanna Karen Moreira Antunes

List of Publications by Year in descending order

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89
papers

1,900
citations

304743
22
h-index

276875
41
g-index

91
all docs

91
docs citations

91
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep and muscle recovery: Endocrinological and molecular basis for a new and promising hypothesis. Medical Hypotheses, 2011, 77, 220-222.	1.5	187
2	High altitude exposure impairs sleep patterns, mood, and cognitive functions. Psychophysiology, 2012, 49, 1298-1306.	2.4	141
3	Relationship between physical activity and depression and anxiety symptoms: A population study. Journal of Affective Disorders, 2013, 149, 241-246.	4.1	128
4	Depression, anxiety and quality of life scores in seniors after an endurance exercise program. Revista Brasileira De Psiquiatria, 2005, 27, 266-271.	1.7	109
5	Mood, Anxiety, and Serum IGF-1 in Elderly Men Given 24 Weeks of High Resistance Exercise. Perceptual and Motor Skills, 2010, 110, 265-276.	1.3	99
6	Nonalcoholic fatty liver disease decrease in obese adolescents after multidisciplinary therapy. European Journal of Gastroenterology and Hepatology, 2006, 18, 1241-1245.	1.6	82
7	Exercício físico e função cognitiva: uma revisão. Revista Brasileira De Medicina Do Esporte, 2006, 12, 108-114.	0.2	79
8	Effect of 808nm low-level laser therapy in exercise-induced skeletal muscle fatigue in elderly women. Lasers in Medical Science, 2013, 28, 1375-1382.	2.1	64
9	Negative addiction to exercise: are there differences between genders?. Clinics, 2011, 66, 255-260.	1.5	57
10	Paradoxical sleep deprivation induces muscle atrophy. Muscle and Nerve, 2012, 45, 431-433.	2.2	53
11	Exercise deprivation increases negative mood in exercise-addicted subjects and modifies their biochemical markers. Physiology and Behavior, 2016, 156, 182-190.	2.1	51
12	Quality of life in Brazilian obese adolescents: effects of a long-term multidisciplinary lifestyle therapy. Health and Quality of Life Outcomes, 2009, 7, 61.	2.4	49
13	Mat Pilates training reduced clinical and ambulatory blood pressure in hypertensive women using antihypertensive medications. International Journal of Cardiology, 2015, 179, 262-268.	1.7	39
14	Iron-Restricted Diet Affects Brain Ferritin Levels, Dopamine Metabolism and Cellular Prion Protein in a Region-Specific Manner. Frontiers in Molecular Neuroscience, 2017, 10, 145.	2.9	37
15	Effects of Sleep Deprivation on Acute Skeletal Muscle Recovery after Exercise. Medicine and Science in Sports and Exercise, 2020, 52, 507-514.	0.4	33
16	Resistance training minimizes catabolic effects induced by sleep deprivation in rats. Applied Physiology, Nutrition and Metabolism, 2015, 40, 1143-1150.	1.9	32
17	Effects of photobiomodulation on the fatigue level in elderly women: an isokinetic dynamometry evaluation. Lasers in Medical Science, 2016, 31, 275-282.	2.1	31
18	Gender- and age-related variations in blood viscosity in normal volunteers: A study of the effects of extract of Allium sativum and Ginkgo biloba. Phytomedicine, 2007, 14, 447-451.	5.3	30

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19	Low level laser therapy associated with a strength training program on muscle performance in elderly women: a randomized double blind control study. <i>Lasers in Medical Science</i> , 2016, 31, 1219-1229.	2.1	30
20	Nutritional status of adventure racers. <i>Nutrition</i> , 2007, 23, 404-411.	2.4	29
21	The influence of physical exercise and leisure activity on neuropsychological functioning in older adults. <i>Age</i> , 2015, 37, 9815.	3.0	26
22	REM sleep deprivation impairs muscle regeneration in rats. <i>Growth Factors</i> , 2017, 35, 12-18.	1.7	26
23	Tratamento multidisciplinar reduz o tecido adiposo visceral, leptina, grelina e a prevalência de esteatose hepática não alcoólica (NAFLD) em adolescentes obesos. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006, 12, 263-267.	0.2	24
24	Resistance exercise: A non-pharmacological strategy to minimize or reverse sleep deprivation-induced muscle atrophy. <i>Medical Hypotheses</i> , 2013, 80, 701-705.	1.5	24
25	Leucine supplementation is anti-atrophic during paradoxical sleep deprivation in rats. <i>Amino Acids</i> , 2016, 48, 949-957.	2.7	23
26	Effects of 10-week soccer training program on anthropometric, psychological, technical skills and specific performance parameters in youth soccer players. <i>Science and Sports</i> , 2013, 28, 81-87.	0.5	21
27	Environmental enrichment decreases avoidance responses in the elevated T-maze and delta FosB immunoreactivity in anxiety-related brain regions. <i>Behavioural Brain Research</i> , 2018, 344, 65-72.	2.2	21
28	Aerobic Physical Exercise Improved the Cognitive Function of Elderly Males but Did Not Modify Their Blood Homocysteine Levels. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 13-24.	1.3	20
29	Aerobic exercise training improves oxidative stress and ubiquitin proteasome system activity in heart of spontaneously hypertensive rats. <i>Molecular and Cellular Biochemistry</i> , 2015, 402, 193-202.	3.1	19
30	Negative Energy Balance Induced by Paradoxical Sleep Deprivation Causes Multicompartmental Changes in Adipose Tissue and Skeletal Muscle. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-6.	1.5	18
31	Relationship of evening meal with sleep quality in obese individuals with obstructive sleep apnea. <i>Clinical Nutrition ESPEN</i> , 2019, 29, 231-236.	1.2	18
32	Privação de sono e exercício físico. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008, 14, 51-56.	0.2	17
33	Physical activity as a moderator for obstructive sleep apnoea and cardiometabolic risk in the EPISONO study. <i>European Respiratory Journal</i> , 2018, 52, 1701972.	6.7	17
34	Increased Dietary Leucine Reduces Doxorubicin-Associated Cardiac Dysfunction in Rats. <i>Frontiers in Physiology</i> , 2018, 8, 1042.	2.8	16
35	Effects of a physical fitness program on memory and blood viscosity in sedentary elderly men. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 805-812.	1.5	15
36	High-Intensity Interval Training Attenuates Insulin Resistance Induced by Sleep Deprivation in Healthy Males. <i>Frontiers in Physiology</i> , 2017, 8, 992.	2.8	15

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37	The world war against the COVID-19 outbreak: don't forget to sleep!. Journal of Clinical Sleep Medicine, 2020, 16, 1215-1215.	2.6	15
38	O estresse físico e a dependência de exercício físico. Revista Brasileira De Medicina Do Esporte, 2006, 12, 234-238.	0.2	14
39	Acute physical exercise under hypoxia improves sleep, mood and reaction time. Physiology and Behavior, 2016, 154, 90-99.	2.1	14
40	Análise de taxa metabólica basal e composição corporal de idosos do sexo masculino antes e seis meses após exercícios de resistência. Revista Brasileira De Medicina Do Esporte, 2005, 11, 71-75.	0.2	11
41	Nutritional Intake during a Simulated Adventure Race. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 152-168.	2.1	10
42	Sleep deprivation induces pathological changes in rat masticatory muscles: Role of Toll like signaling pathway and atrophy. Journal of Cellular Biochemistry, 2018, 119, 2269-2277.	2.6	10
43	Effects of paradoxical sleep deprivation and cocaine on genital reflexes in hyperlipidic-fed rats. Pharmacology Biochemistry and Behavior, 2005, 81, 758-763.	2.9	9
44	Avaliação da composição corporal em adolescentes obesos: o uso de dois diferentes métodos. Revista Brasileira De Medicina Do Esporte, 2005, 11, 267-270.	0.2	9
45	Paradoxical Sleep Deprivation Causes Cardiac Dysfunction and the Impairment Is Attenuated by Resistance Training. PLoS ONE, 2016, 11, e0167029.	2.5	9
46	Paradoxical sleep deprivation induces differential biological response in rat masticatory muscles: Inflammation, autophagy and myogenesis. Journal of Oral Rehabilitation, 2020, 47, 289-300.	3.0	9
47	Translation and cultural adaptation of the Game Dice Task to Brazilian population. Arquivos De Neuro-Psiquiatria, 2012, 70, 929-933.	0.8	8
48	Melatonin and sleep responses to normobaric hypoxia and aerobic physical exercise: A randomized controlled trial. Physiology and Behavior, 2018, 196, 95-103.	2.1	8
49	Sleep deprivation regulates availability of PrP ^C and A β peptides which can impair interaction between PrP ^C and laminin and neuronal plasticity. Journal of Neurochemistry, 2020, 153, 377-389.	3.9	8
50	Gender Differences in the Physical Demands of British Army Officer Cadet Training. Medicine and Science in Sports and Exercise, 2006, 38, S273.	0.4	8
51	Affective responses after different intensities of exercise in patients with traumatic brain injury. Frontiers in Psychology, 2015, 6, 839.	2.1	7
52	Low family support perception: a "social marker" of substance dependence?. Revista Brasileira De Psiquiatria, 2012, 34, 52-59.	1.7	7
53	Avaliação do padrão de sono, atividade física e funções cognitivas em adolescentes escolares. Revista Portuguesa De Ciências Do Desporto, 2007, 2007, 18-25.	0.0	7
54	Photobiomodulation and physical exercise on strength, balance and functionality of elderly women. Fisioterapia Em Movimento, 2018, 31, .	0.1	5

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55	Anxiolytic and panicolytic-like effects of environmental enrichment seem to be modulated by serotonin neurons located in the dorsal subnucleus of the dorsal raphe. <i>Brain Research Bulletin</i> , 2019, 150, 272-280.	3.0	5
56	Sleep Deprivation Interferes with JAK/STAT Signaling Pathway and Myogenesis in the Masseter Muscle of Rats. <i>Medical Principles and Practice</i> , 2021, 30, 253-261.	2.4	5
57	Histopathological changes and oxidative damage in type I and type II muscle fibers in rats undergoing paradoxical sleep deprivation. <i>Cellular Signalling</i> , 2021, 81, 109939.	3.6	5
58	Effects of acute exercise on spontaneous physical activity in mice at different ages. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 78.	1.7	4
59	Efeitos de um programa de jogos prático-desportivos nos aspectos psicobiológicos de idosos. <i>Revista Brasileira De Geriatria E Gerontologia</i> , 2013, 16, 713-725.	0.3	3
60	Leucine Supplementation Improves Effort Tolerance of Rats With Hyperthyroidism. <i>Frontiers in Physiology</i> , 2018, 9, 1632.	2.8	3
61	Chronic corticosterone increases β -FOSB and CRFR1 immunoreactivity in brain regions that modulate aversive conditioning. <i>Behavioural Brain Research</i> , 2019, 356, 107-119.	2.2	3
62	Iron-deficient diet induces distinct protein profile related to energy metabolism in the striatum and hippocampus of adult rats. <i>Nutritional Neuroscience</i> , 2022, 25, 207-218.	3.1	3
63	Expression of Tyrosine Hydroxylase is Negatively Regulated Via Prion Protein. <i>Neurochemical Research</i> , 2016, 41, 1691-1699.	3.3	2
64	A single ovarian stimulation, as performed in assisted reproductive technologies, can modulate the anxiety-like behavior and neuronal activation in stress-related brain areas in rats. <i>Hormones and Behavior</i> , 2020, 124, 104805.	2.1	2
65	Anesthesia can alter the levels of corticosterone and the phosphorylation of signaling molecules. <i>BMC Research Notes</i> , 2021, 14, 363.	1.4	2
66	Inflammatory activity and apoptosis are associated with tissue degeneration in the submandibular gland of rats submitted to paradoxical sleep deprivation. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, , 1.	1.9	2
67	Exercise performed at hypoxia influences mood state and anxiety symptoms. <i>Motriz Revista De Educacao Fisica</i> , 2015, 21, 177-184.	0.2	2
68	High and fluctuating levels of ovarian hormones induce an anxiogenic effect, which can be modulated under stress conditions: Evidence from an assisted reproductive rodent model. <i>Hormones and Behavior</i> , 2022, 137, 105087.	2.1	2
69	Eletromyography of abdominal muscles in different physical exercises. <i>Medicine (United States)</i> , 2018, 97, e0395.	1.0	1
70	A condição de altitude simulada piora o estado de humor e aumenta a pressão arterial sistólica de jovens saudáveis. <i>Motricidade</i> , 2016, 11, 71.	0.2	1
71	Paradoxical sleep deprivation induces tissue changes in the parotid gland of rats. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 4569-4576.	1.6	1
72	Profile Level Of Physical Activity And Quality Of Sleep In Patients With Fibromyalgia. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 388.	0.4	0

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73	O baixo consumo de oxigênio tem reflexos nos escores de depressão em idosos. Revista Brasileira De Geriatria E Gerontologia, 2014, 17, 505-515.	0.3	0
74	Committed Exercisers And Exercise Deprivation. Medicine and Science in Sports and Exercise, 2014, 46, 656.	0.4	0
75	Resistance Training Reverses Catabolic Profile Induced By Paradoxical Sleep Deprivation. Medicine and Science in Sports and Exercise, 2014, 46, 350.	0.4	0
76	Effects Of Sleep Deprivation And Sleep Recovery On Muscular Igf-1 And Muscle Regeneration. Medicine and Science in Sports and Exercise, 2017, 49, 767.	0.4	0
77	MAXIMUM EFFORT TRAINING PERFORMED IN HYPOXIA ALTERS THE MOOD PROFILE. Revista Brasileira De Medicina Do Esporte, 2018, 24, 440-445.	0.2	0
78	Association Between Cardiovascular Markers And Physical Activity In Patients With Obstructive Sleep Apnea. Medicine and Science in Sports and Exercise, 2018, 50, 485.	0.4	0
79	Sleep Profile And Performance Of Young Futsal Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 752-752.	0.4	0
80	Effects of Aerobic Physical Exercise Performed Under Hypoxic Conditions on Melatonin. Medicine and Science in Sports and Exercise, 2019, 51, 585-585.	0.4	0
81	Moderate and Intense Exercise not Modify Anxiety Scores but Promote Different Affective Answers in Adults. Medicine and Science in Sports and Exercise, 2019, 51, 110-111.	0.4	0
82	FÃ©rias do treino? Cuidado, 2 semanas de interrupÃ§Ã£o provocam alteraÃ§Ãµes fisiolÃ³gicas e psicolÃ³gicas!. Motricidade, 2016, 12, 106.	0.2	0
83	CompetiÃ§Ã£o na danÃ§a clÃ¡ssica: um fator ansiogÃ©nico negativo?. Revista Brasileira De EducaÃ§Ã£o FÃ­sica E Esporte: RBEFE, 2016, 30, 793-803.	0.1	0
84	Effect Of Resistance Training On Myocardial Contractility In Vitro After Sleep Deprivation. International Journal of Cardiovascular Sciences, 2017, , .	0.1	0
85	Effects Of Continuous Versus Interval Exercise On Sleep Profile In Young Healthy Males. Medicine and Science in Sports and Exercise, 2018, 50, 259-260.	0.4	0
86	Effects of energy restricted diet on sleep and metabolic parameters in obese Obstructive Sleep Apnea patients. , 2018, , .		0
87	Social Jetlag Is Associated With Higher Eveningness Index. Medicine and Science in Sports and Exercise, 2019, 51, 584-584.	0.4	0
88	Exercise Addicted Subject Show Positive Affective Responses Both Moderate And Intense Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 732-733.	0.4	0
89	Effects Of Sleep Deprivation On Histopathological Changes And Oxidative Damage In Different Type Muscle Fibers. Medicine and Science in Sports and Exercise, 2019, 51, 586-586.	0.4	0