## Vanessa A Mendonça

List of Publications by Year in descending order

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118 papers 1,938 citations

304368 22 h-index 315357 38 g-index

122 all docs

122 docs citations

times ranked

122

3033 citing authors

#	Article	IF	CITATIONS
1	Increased Serum IL-1β Level in Alzheimer's Disease and Mild Cognitive Impairment. Dementia and Geriatric Cognitive Disorders, 2009, 28, 507-512.	0.7	177
2	Effect of brain-derived neurotrophic factor Val66Met polymorphism and serum levels on the progression of mild cognitive impairment. World Journal of Biological Psychiatry, 2010, 11, 774-780.	1.3	116
3	Functional Performance and Inflammatory Cytokines After Squat Exercises and Whole-Body Vibration in Elderly Individuals With Knee Osteoarthritis. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1692-1700.	0.5	97
4	Increased plasma levels of soluble TNF receptor I in patients with bipolar disorder. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 139-143.	1.8	93
5	Higher Serum sTNFR1 Level Predicts Conversion from Mild Cognitive Impairment to Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1305-1311.	1.2	85
6	High intensity interval training modulates hippocampal oxidative stress, BDNF and inflammatory mediators in rats. Physiology and Behavior, 2018, 184, 6-11.	1.0	70
7	Serum brain-derived neurotrophic factor level is reduced in antidepressant-free patients with late-life depression. World Journal of Biological Psychiatry, 2010, 11, 550-555.	1.3	56
8	Imunologia da hansenÃase. Anais Brasileiros De Dermatologia, 2008, 83, 343-350.	0.5	50
9	Increased soluble TNF receptor 2 in antidepressant-free patients with late-life depression. Journal of Psychiatric Research, 2010, 44, 917-920.	1.5	49
10	Association of Therapies With Reduced Pain and Improved Quality of Life in Patients With Fibromyalgia. JAMA Internal Medicine, 2021, 181, 104.	2.6	45
11	Involvement of BDNF in knee osteoarthritis: the relationship with inflammation and clinical parameters. Rheumatology International, 2014, 34, 1153-1157.	1.5	44
12	Reported quality of life in countries with cases of COVID19: a systematic review. Expert Review of Respiratory Medicine, 2021, 15, 213-220.	1.0	42
13	Role of tachykinin NK receptors on the local and remote injuries following ischaemia and reperfusion of the superior mesenteric artery in the rat. British Journal of Pharmacology, 2002, 135, 303-312.	2.7	34
14	Whole Body Vibration Training on Muscle Strength and Brain-Derived Neurotrophic Factor Levels in Elderly Woman With Knee Osteoarthritis: A Randomized Clinical Trial Study. Frontiers in Physiology, 2019, 10, 756.	1.3	33
15	Effect of exercise on the plasma BDNF levels in elderly women with knee osteoarthritis. Rheumatology International, 2014, 34, 841-846.	1.5	31
16	High-intensity interval training improves cerebellar antioxidant capacity without affecting cognitive functions in rats. Behavioural Brain Research, 2019, 376, 112181.	1.2	31
17	An update on potential links between type 2 diabetes mellitus and Alzheimer's disease. Molecular Biology Reports, 2020, 47, 6347-6356.	1.0	28
18	Increased plasma levels of brain-derived neurotrophic factor in patients with long-term bipolar disorder. Neuroscience Letters, 2010, 475, 95-98.	1.0	27

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19	Inflammatory biomarkers responses after acute whole body vibration in fibromyalgia. Brazilian Journal of Medical and Biological Research, 2018, 51, e6775.	0.7	27
20	Overweight and obese infants present lower cognitive and motor development scores than normal-weight peers. Research in Developmental Disabilities, 2016, 59, 410-416.	1.2	26
21	Effects of the inspiratory muscle training and aerobic training on respiratory and functional parameters, inflammatory biomarkers, redox status and quality of life in hemodialysis patients: A randomized clinical trial. PLoS ONE, 2018, 13, e0200727.	1.1	26
22	Electrochemical behavior of the cotinine at a boron-doped diamond electrode and its determination in saliva by multiple-pulse amperometry in an FIA system. Electrochimica Acta, 2016, 222, 331-337.	2.6	25
23	A single session of high-intensity interval exercise increases antioxidants defenses in the hippocampus of Wistar rats. Physiology and Behavior, 2019, 211, 112675.	1.0	25
24	Swimming training attenuates oxidative damage and increases enzymatic but not non-enzymatic antioxidant defenses in the rat brain. Brazilian Journal of Medical and Biological Research, 2016, 49, e5310.	0.7	24
25	The impact of COVID-19 pandemic in the quality of sleep by Pittsburgh Sleep Quality Index: A systematic review. Ciencia E Saude Coletiva, 2021, 26, 1457-1466.	0.1	24
26	High-intensity resistance training induces changes in cognitive function, but not in locomotor activity or anxious behavior in rats induced to type 2 diabetes. Physiology and Behavior, 2020, 223, 112998.	1.0	21
27	Cardiorespiratory Responses and Prediction of Peak Oxygen Uptake during the Shuttle Walking Test in Healthy Sedentary Adult Men. PLoS ONE, 2015, 10, e0117563.	1.1	19
28	Oxidative stress and skeletal muscle dysfunction are present in healthy smokers. Brazilian Journal of Medical and Biological Research, 2016, 49, e5512.	0.7	19
29	The health-related quality of life in patients with post-COVID-19 after hospitalization: a systematic review. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0741.	0.4	19
30	Different levels of brain-derived neurotrophic factor and cortisol in healthy heavy smokers. Brazilian Journal of Medical and Biological Research, 2017, 50, e6424.	0.7	18
31	Altitude conditions seem to determine the evolution of COVID-19 in Brazil. Scientific Reports, 2021, 11, 4402.	1.6	18
32	GAIT SPEED AS A PREDICTOR OF RESPIRATORY MUSCLE FUNCTION, STRENGTH, AND FRAILTY SYNDROME IN COMMUNITY-DWELLING ELDERLY PEOPLE. Journal of Frailty & English, 4, 1-5.	0.8	18
33	Whole body vibration training increases physical measures and quality of life without altering inflammatory-oxidative biomarkers in patients with moderate COPD. Journal of Applied Physiology, 2018, 125, 520-528.	1.2	16
34	Current evidence does not support whole body vibration in clinical practice in children and adolescents with disabilities: a systematic review of randomized controlled trial. Brazilian Journal of Physical Therapy, 2019, 23, 196-211.	1.1	16
35	Efficacy of conservative therapy in older people with nonspecific low back pain: A systematic review with meta-analysis and GRADE recommendations. Archives of Gerontology and Geriatrics, 2020, 90, 104177.	1.4	16
36	Differentiation of Patients with Leprosy from Non-Infected Individuals by the Chemokine Eotaxin/CCL11. American Journal of Tropical Medicine and Hygiene, 2007, 77, 547-550.	0.6	16

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37	Effect of aerobic training on plasma cytokines and soluble receptors in elderly women with knee osteoarthritis, in response to acute exercise. Clinical Rheumatology, 2012, 31, 759-766.	1.0	15
38	Cardiorespiratory fitness assessment and prediction of peak oxygen consumption by Incremental Shuttle Walking Test in healthy women. PLoS ONE, 2019, 14, e0211327.	1.1	15
39	LPS tolerance prevents anxiety-like behavior and amygdala inflammation of high-fat-fed dams' adolescent offspring. Behavioural Brain Research, 2021, 411, 113371.	1.2	15
40	Comparison Between Whole-Body Vibration, Light-Emitting Diode, and Cycling Warm-up on High-Intensity Physical Performance During Sprint Bicycle Exercise. Journal of Strength and Conditioning Research, 2015, 29, 1542-1550.	1.0	14
41	Association between obesity-related biomarkers and cognitive and motor development in infants. Behavioural Brain Research, 2017, 325, 12-16.	1.2	14
42	Association Between Inflammatory Biomarkers in Plasma, Radiological Severity, and Duration of Exposure in Patients With Silicosis. Journal of Occupational and Environmental Medicine, 2014, 56, 493-497.	0.9	13
43	Influence of Cytokines and Soluble Receptors in the Quality of Life and Functional Capacity of Workers Exposed to Silica. Journal of Occupational and Environmental Medicine, 2016, 58, 272-276.	0.9	13
44	Aerobic Training Modulates the Increase in Plasma Concentrations of Cytokines in response to a Session of Exercise. Journal of Environmental and Public Health, 2021, 2021, 1-13.	0.4	13
45	Hypertension is associated with greater heat exchange during exercise recovery in a hot environment. Brazilian Journal of Medical and Biological Research, 2015, 48, 1122-1129.	0.7	12
46	Functional tests associated with sarcopenia in moderate chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2021, 15, 569-576.	1.0	12
47	Soluble TNF receptors are produced at sites of inflammation and are inversely associated with self-reported symptoms (WOMAC) in knee osteoarthritis. Rheumatology International, 2014, 34, 1759-1763.	1.5	11
48	Aerobic training modulates T cell activation in elderly women with knee osteoarthritis. Brazilian Journal of Medical and Biological Research, 2016, 49, e5181.	0.7	11
49	Does whole body vibration exercise improve oxidative stress markers in women with fibromyalgia?. Brazilian Journal of Medical and Biological Research, 2019, 52, e8688.	0.7	10
50	Miconia albicans and Curcuma longa herbal medicines positively modulate joint pain, function and inflammation in patients with osteoarthritis: a clinical study. Inflammopharmacology, 2021, 29, 377-391.	1.9	10
51	Associations of physical activity and cognitive function with gross motor skills in preschoolers: Cross-sectional study. Journal of Motor Behavior, 2023, 55, 564-579.	0.5	10
52	Acute and Cumulative Effects With Whole-Body Vibration Exercises Using 2 Biomechanical Conditions on the Flexibility and Rating of Perceived Exertion in Individuals With Metabolic Syndrome: A Randomized Clinical Trial Pilot Study. Dose-Response, 2019, 17, 155932581988649.	0.7	9
53	Inflammatory and oxidative biomarkers as determinants of functional capacity in patients with COPD assessed by 6-min walk test-derived outcomes. Experimental Gerontology, 2021, 152, 111456.	1.2	9
54	Are oxidative stress biomarkers and respiratory muscles strength associated with COPD-related sarcopenia in older adults?. Experimental Gerontology, 2022, 157, 111630.	1.2	9

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55	Effect of a Moderate-Intensity Aerobic Training on Joint Biomarkers and Functional Adaptations in Rats Subjected to Induced Knee Osteoarthritis. Frontiers in Physiology, 2019, 10, 1168.	1.3	8
56	Decreased percentage of CD4+ lymphocytes expressing chemokine receptors in bipolar disorder. Acta Neuropsychiatrica, 2019, 31, 246-251.	1.0	8
57	Cardiorespiratory responses in different types of squats and frequencies of whole body vibration in patients with chronic obstructive pulmonary disease. Journal of Applied Physiology, 2019, 126, 23-29.	1.2	8
58	Can a Single Trial of a Thoracolumbar Myofascial Release Technique Reduce Pain and Disability in Chronic Low Back Pain? A Randomized Balanced Crossover Study. Journal of Clinical Medicine, 2021, 10, 2006.	1.0	8
59	Exercise tests in Chagas cardiomyopathy: an overview of functional evaluation, prognostic significance, and current challenges. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20200100.	0.4	8
60	Avaliação da expressão de interleucina 1 beta (IL-1β) e antagonista do receptor de interleucina 1 (IL-1Ra) em pacientes com hansenÃase. Revista Da Sociedade Brasileira De Medicina Tropical, 2008, 41, 99-103.	0.4	7
61	Comparação da força muscular respiratória entre os subgrupos de fragilidade em idosas da comunidade. Fisioterapia E Pesquisa, 2013, 20, 361-366.	0.3	7
62	Acute Effects of Whole-Body Vibration on Inflammatory Markers in People with Chronic Obstructive Pulmonary Disease: A Pilot Study. Rehabilitation Research and Practice, 2018, 2018, 1-7.	0.5	7
63	Photobiomodulation Therapy (Light-Emitting Diode 630 nm) Favored the Oxidative Stress and the Preservation of Articular Cartilage in an Induced Knee Osteoarthritis Model. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 272-279.	0.7	7
64	Evaluation of the Relationships between Simple Anthropometric Measures and Bioelectrical Impedance Assessment Variables with Multivariate Linear Regression Models to Estimate Body Composition and Fat Distribution in Adults: Preliminary Results. Biology, 2021, 10, 1209.	1.3	7
65	Plasma levels of chemokines during leprosy specific treatment. Acta Tropica, 2010, 113, 151-154.	0.9	6
66	Neuroendocrine Inflammatory Responses in Overweight/Obese Infants. PLoS ONE, 2016, 11, e0167593.	1.1	6
67	Effects of Whole-Body Vibration Exercises on Parameters Related to the Sleep Quality in Metabolic Syndrome Individuals: A Clinical Trial Study. Applied Sciences (Switzerland), 2019, 9, 5183.	1.3	6
68	Whole body vibration in the static modified push-up position in untrained healthy women stimulates neuromuscular system potentiating increased handgrip myogenic response. Journal of Bodywork and Movement Therapies, 2020, 24, 233-238.	0.5	6
69	Whole-Body Vibration Exercise in Different Postures on Handgrip Strength in Healthy Women: A Cross-Over Study. Frontiers in Physiology, 2020, 11, 469499.	1.3	6
70	Whole-Body Vibration Exercise: A Possible Intervention in the Management of Post COVID-19 Complications?. Applied Sciences (Switzerland), 2021, 11, 5733.	1.3	6
71	Efficacy of Whole-Body Vibration Training on Brain-Derived Neurotrophic Factor, Clinical and Functional Outcomes, and Quality of Life in Women with Fibromyalgia Syndrome: A Randomized Controlled Trial. Journal of Healthcare Engineering, 2021, 2021, 1-9.	1.1	6
72	Plasma levels of myokines and inflammatory markers are related with functional and respiratory performance in older adults with COPD and sarcopenia. Experimental Gerontology, 2022, 164, 111834.	1.2	6

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73	Oxidative Stress Biomarkers and Quality of Life Are Contributing Factors of Muscle Pain and Lean Body Mass in Patients with Fibromyalgia. Biology, 2022, 11, 935.	1.3	6
74	Study of the profile of the neurotrophin BDNF in new leprosy cases before, during and after multidrug therapy. Arquivos De Neuro-Psiquiatria, 2011, 69, 100-104.	0.3	5
75	Cardiorespiratory and metabolic responses and reference equation validation to predict peak oxygen uptake for the incremental shuttle waking test in adolescent boys. PLoS ONE, 2018, 13, e0206867.	1.1	5
76	Plasma levels of soluble TNF receptors are associated with cardiac function in patients with Chagas heart disease. International Journal of Cardiology, 2020, 316, 101-103.	0.8	5
77	Inflammatory cytokines and plasma redox status responses in hypertensive subjects after heat exposure. Brazilian Journal of Medical and Biological Research, 2016, 49, .	0.7	4
78	Prevalência de sobrepeso e de obesidade no primeiro ano de vida nas Estratégias Saúde da FamÃlia. Cadernos Saude Coletiva, 2019, 27, 32-38.	0.2	4
79	Evaluation of Whole-Body Vibration Exercise on Neuromuscular Activation Through Electromyographic Pattern of Vastus Lateralis Muscle and on Range of Motion of Knees in Metabolic Syndrome: A Quasi-Randomized Cross-Over Controlled Trial. Applied Sciences (Switzerland), 2019, 9, 4997.	1.3	4
80	Effect of the Combined Intervention with Passive Whole-Body Vibration and Auriculotherapy on the Quality of Life of Individuals with Knee Osteoarthritis Assessed by the WHOQOL-Bref: A Multi-Arm Clinical Trial. Applied Sciences (Switzerland), 2020, 10, 1956.	1.3	4
81	Assessment of functional performance in Chagas heart disease by Human Activity Profile questionnaire. Disability and Rehabilitation, 2021, 43, 1255-1259.	0.9	4
82	Prenatal LPS exposure increases hippocampus IL-10 and prevents short-term memory loss in the male adolescent offspring of high-fat diet fed dams. Physiology and Behavior, 2022, 243, 113628.	1.0	4
83	Inflammation Biomarkers Are Independent Contributors to Functional Performance in Chronic Conditions: An Exploratory Study. International Journal of Medical Science and Health Research, 2021, 05, .	0.1	4
84	Brazil before and during COVID-19 pandemic: Impact on the practice and habits of physical exercise. Acta Biomedica, 2020, 92, e2021027.	0.2	4
85	Is body fat mass associated with worse gross motor skills in preschoolers? An exploratory study. PLoS ONE, 2022, 17, e0264182.	1.1	4
86	Acute Whole-Body Vibration Exercise Promotes Favorable Handgrip Neuromuscular Modifications in Rheumatoid Arthritis: A Cross-Over Randomized Clinical. BioMed Research International, 2021, 2021, 1-10.	0.9	4
87	Expression of the chemokine receptor CXCR4 on lymphocytes of leprosy patients. Brazilian Journal of Medical and Biological Research, 2011, 44, 1256-1260.	0.7	3
88	Central cholinergic activation induces greater thermoregulatory and cardiovascular responses in spontaneously hypertensive than in normotensive rats. Journal of Thermal Biology, 2018, 77, 86-95.	1.1	3
89	Determinantes da Capacidade Funcional em Pacientes com Doença de Chagas. Arquivos Brasileiros De Cardiologia, 2021, 117, 934-941.	0.3	3
90	Differences in health-related quality of life in patients with mild and severe chronic venous insufficiency: A systematic review and meta-analysis. Journal of Vascular Nursing, 2021, 39, 126-133.	0.2	3

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91	Análise de receptores de quimiocinas na superfÃcie de leucócitos circulantes de indivÃduos infectados pelo Mycobacterium leprae: resultados preliminares. Revista Da Sociedade Brasileira De Medicina Tropical, 2008, 41, 95-98.	0.4	3
92	Immediate Effects of Whole-Body Vibration Associated with Squatting Exercises on Hemodynamic Parameters in Sarcopenic Older People: A Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 11852.	1.2	3
93	Physical environmental opportunities for active play and physical activity level in preschoolers: a multicriteria analysis. BMC Public Health, 2022, 22, 340.	1.2	3
94	The superior beneficial effects of exercise training versus hormone replacement therapy on skeletal muscle of ovariectomized rats. Scientific Reports, 2022, 12, .	1.6	3
95	Maximal inspiratory pressure is associated with health-related quality of life and is a reliable method for evaluation of patients on hemodialysis. Physiotherapy Theory and Practice, 2022, 38, 1050-1058.	0.6	2
96	Whole-Body Vibration as Antihypertensive Non-Pharmacological Treatment in Hypertensive Individuals with Knee Osteoarthritis: Randomized Cross-Over Trial. Sustainability, 2020, 12, 8944.	1.6	2
97	Does endurance training prior to ovariectomy protect against myocardial contractility dysfunction in rats?. Experimental Gerontology, 2021, 155, 111556.	1.2	2
98	Reabilitação fÃsica em um paciente com a Doença de Charcot-Marie-Tooth. Revista Neurociencias, 2009, 17, 287-292.	0.0	2
99	Treinamento respiratório em paciente com mal formação de Chiari tipo I. Revista Neurociencias, 2010, 18, 28-35.	0.0	2
100	Determining factors of functioning in hemodialysis patients using the international classification of functioning, disability and health. BMC Nephrology, 2022, 23, 119.	0.8	2
101	Serial measurement of the circulating levels of tumour necrosis factor and its soluble receptors 1 and 2 for monitoring leprosy patients during multidrug treatment. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 1051-1056.	0.8	1
102	Acute Effects of Whole-Body Vibration Exercise on Pain Level, Functionality, and Rating of Exertion of Elderly Obese Knee Osteoarthritis Individuals: A Randomized Study. Applied Sciences (Switzerland), 2020, 10, 5870.	1.3	1
103	Effect of Whole-Body Vibration on the Functional Responses of the Patients with Knee Osteoarthritis by the Electromyographic Profile of the Vastus Lateralis Muscles during the Five-Repetition Chair Stand Test: A Randomized Crossover Trial. Applied Sciences (Switzerland), 2020, 10, 4302.	1.3	1
104	Cortisol secretion pattern in overweight/obese and normal-weight infants: a cross-sectional study. Journal of Pediatric Endocrinology and Metabolism, 2020, 33, 241-246.	0.4	1
105	Cardiopulmonary responses during dynamic squatting exercise with and without whole-body vibration in adolescents. Revista Pesquisa Em Fisioterapia, 2021, 11, 190-197.	0.1	1
106	Comparação entre os dispositivos de higiene brônquica Shaker® e "Soprinho―em relação aos parâmetros fÃsicos e não fÃsicos em indivÃduos saudáveis. ConScientiae Saúde, 2012, 11, 550-558.	0.1	1
107	The prognostic value of the Incremental Shuttle Walk Test in Chagas cardiomyopathy. Disability and Rehabilitation, 2021, , 1-6.	0.9	1
108	Fibromyalgia in social media: content and quality of the information analysis of videos on the YouTube platform. Informatics for Health and Social Care, 2022, 47, 305-316.	1.4	1

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109	Effects of whole-body vibration exercise in patients with chronic kidney disease: a systematic review. Disability and Rehabilitation, 2023, 45, 415-424.	0.9	1
110	Efficacy of Acupuncture on Quality of Life, Functional Performance, Dyspnea, and Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease: Protocol for a Randomized Clinical Trial. Journal of Clinical Medicine, 2022, $11$ , 3048.	1.0	1
111	Effect Of Squat Exercises Associated With Whole Body Vibration In Elderly With Knee Osteoarthritis. Medicine and Science in Sports and Exercise, 2011, 43, 756.	0.2	0
112	Effect Of Exercise In Plasma Cytokines And Soluble Receptors Levels In Elderly Women With Osteoarthritis. Medicine and Science in Sports and Exercise, 2011, 43, 880.	0.2	0
113	The Use of the Incremental Shuttle Walk Test to Identify Instrumental Activity Daily Living Disability and to Predict Peak Oxygen Consumption in Older Adults. Topics in Geriatric Rehabilitation, 2018, 34, 237-244.	0.2	0
114	Effects of Whole-Body Vibration in Cardiorespiratory and Hormonal Parameters in Elderly People: Preliminary Results. Advances in Intelligent Systems and Computing, 2020, , 653-657.	0.5	0
115	Effects of Whole-Body Vibration Exercises on the Body Fat Distribution of the Metabolic Syndrome Individuals: Preliminary Outcomes. Advances in Intelligent Systems and Computing, 2020, , 658-664.	0.5	O
116	Effect of Vibration Exercise in the Modified Push-Up Position on Hand Neural Efficiency in Rheumatoid Arthritis: Preliminary Results. Advances in Intelligent Systems and Computing, 2020, , 650-652.	0.5	0
117	The prognostic value of inspiratory muscle weakness in hemodialysis patients. , 2019, , .		O
118	Land-based versus water-based walking programs in elderly women with knee osteoarthritis: preliminary results of a randomized clinical trial. Brazilian Journal of Health and Biomedical Sciences, 2019, 18, 114-124.	0.2	0