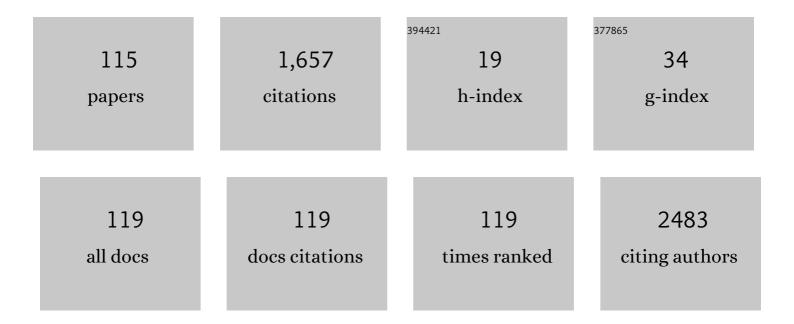
Marcio Vinicius Fagundes Donadio

List of Publications by Year in descending order

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Version: 2024-02-01



Marcio Vinicius Fagundes

#	Article	IF	CITATIONS
1	Antioxidant, analgesic and anti-inflammatory effects of lavender essential oil. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1397-1408.	0.8	109
2	Reference values for the 6â€min walk test in healthy children aged 6–12 years. Pediatric Pulmonology, 2009, 44, 1174-1179.	2.0	103
3	Timed "Up & Go" test in children and adolescents. Revista Paulista De Pediatria, 2013, 31, 377-383.	1.0	84
4	Mesenchymal stem cells improves survival in LPSâ€induced acute lung injury acting through inhibition of NETs formation. Journal of Cellular Physiology, 2017, 232, 3552-3564.	4.1	77
5	Brazilian guidelines for the diagnosis and treatment of cystic fibrosis. Jornal Brasileiro De Pneumologia, 2017, 43, 219-245.	0.7	73
6	Normative values for the <scp>T</scp> imed â€~ <scp>U</scp> p and <scp>G</scp> o' test in children and adolescents and validation for individuals with <scp>D</scp> own syndrome. Developmental Medicine and Child Neurology, 2014, 56, 490-497.	2.1	56
7	Normal values for respiratory muscle strength in healthy preschoolers and school children. Respiratory Medicine, 2012, 106, 1639-1646.	2.9	52
8	Carrageenanâ€induced inflammation promotes ROS generation and neutrophil extracellular trap formation in a mouse model of peritonitis. European Journal of Immunology, 2016, 46, 964-970.	2.9	52
9	Gallic acid reduces cell growth by induction of apoptosis and reduction of IL-8 in HepG2 cells. Biomedicine and Pharmacotherapy, 2016, 84, 1282-1290.	5.6	46
10	Sex differences in prenatally programmed anxiety behaviour in rats: Differential corticotropin-releasing hormone receptor mRNA expression in the amygdaloid complex. Stress, 2011, 14, 634-643.	1.8	45
11	Peak Oxygen Uptake and Mortality in Cystic Fibrosis: Systematic Review and Meta-Analysis. Respiratory Care, 2019, 64, 91-98.	1.6	42
12	5α-Reduced Neurosteroids Sex-Dependently Reverse Central Prenatal Programming of Neuroendocrine Stress Responses in Rats. Journal of Neuroscience, 2015, 35, 666-677.	3.6	39
13	Effects of an Educational Intervention of Physical Activity for Children and Adolescents With Cystic Fibrosis: A Randomized Controlled Trial. Respiratory Care, 2015, 60, 81-87.	1.6	35
14	Biochemical and inflammatory aspects in patients with severe sepsis and septic shock: The predictive role of IL-18 in mortality. Clinica Chimica Acta, 2016, 453, 100-106.	1.1	35
15	Methoxyeugenol deactivates hepatic stellate cells and attenuates liver fibrosis and inflammation through a PPAR-É£ and NF-kB mechanism. Journal of Ethnopharmacology, 2021, 280, 114433.	4.1	33
16	Treatment with N-methyl-d-aspartate receptor antagonist (MK-801) protects against oxidative stress in lipopolysaccharide-induced acute lung injury in the rat. International Immunopharmacology, 2011, 11, 706-711.	3.8	29
17	Six-Minute Walk Test Results Predict Risk of Hospitalization for Youths with Cystic Fibrosis: A 5-Year Follow-Up Study. Journal of Pediatrics, 2017, 182, 204-209.e1.	1.8	28
18	Optimum design parameters for a therapist-constructed positive-expiratory-pressure therapy bottle device. Respiratory Care, 2009, 54, 504-8.	1.6	27

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19	Effect of a combined exercise program on physical fitness, lung function, and quality of life in patients with controlled asthma and exercise symptoms: A randomized controlled trial. Pediatric Pulmonology, 2020, 55, 1608-1616.	2.0	24
20	Low-intensity pulsed ultrasound (LIPUS) stimulates mineralization of MC3T3-E1 cells through calcium and phosphate uptake. Ultrasonics, 2018, 84, 290-295.	3.9	22
21	Physical Exercise Recommendations Improve Postural Changes FoundÂin Children and Adolescents with Cystic Fibrosis: AÂRandomizedÂControlled Trial. Journal of Pediatrics, 2015, 166, 710-716.e2.	1.8	21
22	RIZOTOMIA DORSAL SELETIVA NA PARALISIA CEREBRAL: CRITÉRIOS DE INDICAÇÃO E PROTOCOLOS DE REABILITAÇÃO FISIOTERAPÊUTICA PÓS-OPERATÓRIA. Revista Paulista De Pediatria, 2018, 36, 100-108.	1.0	19
23	Effects of the use of respiratory physiotherapy in children admitted with acute viral bronchiolitis. Archives De Pediatrie, 2018, 25, 394-398.	1.0	19
24	Prediction of peak oxygen uptake using the modified shuttle test in children and adolescents with cystic fibrosis. Pediatric Pulmonology, 2019, 54, 386-392.	2.0	19
25	Effects of acute stress on the day of proestrus on sexual behavior and ovulation in female rats: Participation of the angiotensinergic system. Physiology and Behavior, 2007, 92, 591-600.	2.1	18
26	Inspiratory Muscle Strength and Endurance in Children and Adolescents with Cystic Fibrosis. Respiratory Care, 2016, 61, 184-191.	1.6	18
27	Running during adolescence rescues a maternal separationâ€induced memory impairment in female mice: Potential role of differential exonâ€specific BDNF expression. Developmental Psychobiology, 2017, 59, 268-274.	1.6	18
28	Maternal separation induces long-term oxidative stress alterations and increases anxiety-like behavior of male Balb/cJ mice. Experimental Brain Research, 2020, 238, 2097-2107.	1.5	18
29	Effect of Fructose-1,6-bisphosphate on the Nephrotoxicity Induced by Cisplatin in Rats. Inflammation, 2011, 34, 67-71.	3.8	16
30	Bone mineral density, pulmonary function, chronological age, and age at diagnosis in children and adolescents with cystic fibrosis. Jornal De Pediatria, 2013, 89, 151-157.	2.0	16
31	Physiological responses during exercise with video games in patients with cystic fibrosis: A systematic review. Respiratory Medicine, 2016, 119, 63-69.	2.9	15
32	Extracellular DNA in sputum is associated with pulmonary function and hospitalization in patients with cystic fibrosis. Respiratory Medicine, 2020, 172, 106144.	2.9	15
33	Effect of N-Acetylcysteine and Fructose-1,6-Bisphosphate in the Treatment of Experimental Sepsis. Inflammation, 2011, 34, 539-550.	3.8	14
34	Rhinopharyngeal Retrograde Clearance Induces Less Respiratory Effort and Fewer Adverse Effects in Comparison With Nasopharyngeal Aspiration in Infants With Acute Viral Bronchiolitis. Respiratory Care, 2016, 61, 1613-1619.	1.6	14
35	Sleepâ€disordered breathing and markers of morbidity in children and adolescents with cystic fibrosis. Pediatric Pulmonology, 2020, 55, 1974-1983.	2.0	14
36	Antiâ€inflammatory effect of octyl gallate in alveolar macrophages cells and mice with acute lung injury. Journal of Cellular Physiology, 2020, 235, 6073-6084.	4.1	14

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37	Angiotensin II receptors in the arcuate nucleus mediate stress-induced reduction of prolactin secretion in steroid-primed ovariectomized and lactating rats. Brain Research, 2004, 1006, 59-65.	2.2	13
38	Neonatal handling induces alteration in progesterone secretion after sexual behavior but not in angiotensin II receptor density in the medial amygdala: Implications for reproductive success. Life Sciences, 2006, 78, 2867-2871.	4.3	13
39	Estradiol and progesterone modulation of angiotensin II receptors in the arcuate nucleus of ovariectomized and lactating rats. Brain Research, 2006, 1083, 103-109.	2.2	13
40	Association of IL-10 to coronary disease severity in patients with metabolic syndrome. Clinica Chimica Acta, 2019, 495, 394-398.	1.1	13
41	Inspiratory muscle function in asthmatic and healthy subjects: influence of age, nutrition and physical activity. Journal of Asthma, 2016, 53, 893-899.	1.7	12
42	Interventions in the neonatal environment in rats and their relationship to behavior in adulthood and maternal behavior Psychology and Neuroscience, 2010, 3, 73-78.	0.8	12
43	Therapeutic ultrasound stimulates MC3T3-E1 cell proliferation through the activation of NF-κB1, p38α, and mTOR. Lasers in Surgery and Medicine, 2015, 47, 765-772.	2.1	11
44	Protective effect of early prenatal stress on the induction of asthma in adult mice: Sex-specific differences. Physiology and Behavior, 2016, 165, 358-364.	2.1	11
45	Fructose-1,6-bisphosphate decreases IL-8 levels and increases the activity of pro-apoptotic proteins in HepG2 cells. Biomedicine and Pharmacotherapy, 2017, 89, 358-365.	5.6	10
46	Evaluation of the exercise intensity generated by active video gaming in patients with cystic fibrosis and healthy individuals. Journal of Cystic Fibrosis, 2020, 19, 434-441.	0.7	10
47	Exercise before pregnancy attenuates the effects of prenatal stress in adult mice in a sexâ€dependent manner. International Journal of Developmental Neuroscience, 2020, 80, 86-95.	1.6	10
48	Exenatide induces autophagy and prevents the cell regrowth in HepG2 cells. EXCLI Journal, 2019, 18, 540-548.	0.7	10
49	LPSâ€induced neonatal stress in mice affects the response profile to an inflammatory stimulus in an age and sexâ€dependent manner. Developmental Psychobiology, 2016, 58, 600-613.	1.6	9
50	Immediate Effects of Chest Physiotherapy on Hemodynamic, Metabolic, and Oxidative Stress Parameters in Subjects With Septic Shock. Respiratory Care, 2014, 59, 1398-1403.	1.6	8
51	Variation in lung function is associated with worse clinical outcomes in cystic fibrosis. Jornal Brasileiro De Pneumologia, 2015, 41, 509-515.	0.7	8
52	Physical exercise as a tool to minimize the consequences of the Covidâ€19 quarantine: An overview for cystic fibrosis. Pediatric Pulmonology, 2020, 55, 2877-2882.	2.0	8
53	Therapeutic effect of uridine phosphorylase 1 (UPP1) inhibitor on liver fibrosis in vitro and in vivo. European Journal of Pharmacology, 2021, 890, 173670.	3.5	8
54	Angiotensin II receptors are upregulated by estradiol and progesterone in the locus coeruleus, median preoptic nucleus and subfornical organ of ovariectomized rats. Brain Research, 2005, 1065, 47-52.	2.2	7

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55	Leucine reduces the proliferation of MC3T3-E1 cells through DNA damage and cell senescence. Toxicology in Vitro, 2018, 48, 1-10.	2.4	7
56	Fructose-1,6-Bisphosphate Prevents Bleomycin-Induced Pulmonary Fibrosis in Mice and Inhibits the Proliferation of Lung Fibroblasts. Inflammation, 2018, 41, 1987-2001.	3.8	7
57	Airway clearance physiotherapy improves ventilatory dynamics during exercise in patients with cystic fibrosis: a pilot study. Archives of Disease in Childhood, 2019, 104, 37-42.	1.9	7
58	Respiratory physical therapy techniques recommended for patients with cystic fibrosis treated in specialized centers. Brazilian Journal of Physical Therapy, 2020, 24, 532-538.	2.5	7
59	Immediate Effects and Safety of High-Frequency Chest Wall Compression Compared to Airway Clearance Techniques in Non-Hospitalized Infants With Acute Viral Bronchiolitis. Respiratory Care, 2021, 66, 425-433.	1.6	7
60	Effects of a Short-Term Resistance-Training Program on Heart Rate Variability in Children With Cystic Fibrosis—A Randomized Controlled Trial. Frontiers in Physiology, 2021, 12, 652029.	2.8	7
61	The role of maternal exercise on placental, behavioral and genetic alterations induced by prenatal stress. Neurochemistry International, 2022, 158, 105384.	3.8	7
62	Effects of neonatal inflammation on the inflammatory and oxidative profile during experimental sepsis in adult life. Physiology and Behavior, 2015, 151, 516-524.	2.1	6
63	Reference Values for Inspiratory Muscle Endurance in Healthy Children and Adolescents. PLoS ONE, 2017, 12, e0170696.	2.5	6
64	Fructose-1,6-bisphosphate prevents pulmonary fibrosis by regulating extracellular matrix deposition and inducing phenotype reversal of lung myofibroblasts. PLoS ONE, 2019, 14, e0222202.	2.5	6
65	Determinants of exercise capacity in children and adolescents with severe therapy-resistant asthma. Journal of Asthma, 2022, 59, 115-125.	1.7	6
66	Sex-dependent metabolic effects of pregestational exercise on prenatally stressed mice. Journal of Developmental Origins of Health and Disease, 2021, 12, 271-279.	1.4	6
67	Immunomodulatory effects of oral antidiabetic drugs in lymphocyte cultures from patients with type 2 diabetes. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2011, 47, 43-48.	0.3	5
68	Utilização da técnica de resistência do interruptor na avaliação da resistência das vias aéreas em pacientes com fibrose cÃstica. Jornal Brasileiro De Pneumologia, 2012, 38, 188-193.	0.7	5
69	Sex differences in the effects of acute stress on cerebral glucose metabolism: A microPET study. Brain Research, 2019, 1722, 146355.	2.2	5
70	Determinants of Exercise Capacity Assessed With the Modified Shuttle Test in Individuals With Cystic Fibrosis. Respiratory Care, 2020, 65, 643-649.	1.6	5
71	Prenatal stress and KCl-induced depolarization modulate cell death, hypothalamic-pituitary-adrenal axis genes, oxidative and inflammatory response in primary cortical neurons. Neurochemistry International, 2021, 147, 105053.	3.8	5
72	The modified shuttle test as a predictor of risk for hospitalization in youths with cystic fibrosis: A two-year follow-up study. Journal of Cystic Fibrosis, 2021, 20, 648-654.	0.7	5

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73	Antibodies as Anti-Infective Agents in Medicinal Chemistry. Anti-Infective Agents in Medicinal Chemistry, 2008, 7, 249-257.	0.6	4
74	Neonatal Handling Reduces Renal Function in Adult Rats. Kidney and Blood Pressure Research, 2009, 32, 286-292.	2.0	4
75	Fructose-1,6-bisphosphate reverts iron-induced phenotype of hepatic stellate cells by chelating ferrous ions. BioMetals, 2017, 30, 549-558.	4.1	4
76	Inspiratory muscle training in pediatrics: main indications and technical characteristics of the protocols. Fisioterapia Em Movimento, 2017, 30, 317-324.	0.1	4
77	Sleep disorders are distinctively associated with exercise intolerance and sedentary behavior in children with cystic fibrosis. Sleep Medicine, 2020, 74, 145-151.	1.6	4
78	Effects of running before pregnancy on long-term memory and hippocampal alterations induced by prenatal stress. Neuroscience Letters, 2021, 746, 135659.	2.1	4
79	Peripheral muscle strength is associated with aerobic fitness and use of antibiotics in patients with cystic fibrosis. International Journal of Clinical Practice, 2021, 75, e14050.	1.7	4
80	Randomized clinical trial of a motivational interdisciplinary intervention based on the transtheoretical model of change for lifestyle modification in overweight/obese adolescents: MERC study protocol. International Journal of Clinical Trials, 2016, 3, 225.	0.2	4
81	Is exercise and electrostimulation effective in improving muscle strength and cardiorespiratory fitness in children with cystic fibrosis and mild-to-moderate pulmonary impairment?: Randomized controlled trial. Respiratory Medicine, 2022, 196, 106798.	2.9	4
82	Neonatal handling reduces angiotensin II receptor density in the medial preoptic area and paraventricular nucleus but not in arcuate nucleus and locus coeruleus of female rats. Brain Research, 2006, 1067, 177-180.	2.2	3
83	Exercise Capacity Assessment by the Modified Shuttle Walk Test and its Correlation with Biochemical ParametersAin Obese Children and Adolescents. Indian Journal of Pediatrics, 2018, 85, 1079-1085.	0.8	3
84	CPBMF65, a synthetic human uridine phosphorylase-1 inhibitor, reduces HepG2 cell proliferation through cell cycle arrest and senescence. Investigational New Drugs, 2020, 38, 1653-1663.	2.6	3
85	Comparison of physical fitness between healthy and mildâ€toâ€moderate asthmatic children with exercise symptoms: A crossâ€sectional study. Pediatric Pulmonology, 2021, 56, 2512-2521.	2.0	3
86	Evaluation of the brain and kidney reninâ€angiotensin system and oxidative stress in neonatal handled rats. Developmental Psychobiology, 2012, 54, 706-713.	1.6	2
87	Modified Shuttle Test Distance Correlates With Peak Oxygen Uptake in Children and Adolescents With Severe Therapy-Resistant Asthma. Frontiers in Physiology, 2019, 10, 1245.	2.8	2
88	Continuous positive airway pressure acutely increases exercise duration in children with severe therapy-resistant asthma: a randomized crossover trial. World Journal of Pediatrics, 2021, 17, 189-196.	1.8	2
89	BRAZILIAN VERSION OF THE SHRINERS HOSPITAL UPPER EXTREMITY EVALUATION (SHUEE): TRANSLATION, CULTURAL ADAPTATION, AND EVALUATION OF PSYCHOMETRIC PROPERTIES. Revista Paulista De Pediatria, 2020, 38, e2018328.	1.0	2
90	Safety of airway clearance combined with bronchodilator and hypertonic saline in non-hospitalized infants with acute bronchiolitis. Archives De Pediatrie, 2021, 28, 707-711.	1.0	2

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91	The effects of oxygen supplementation during exercise in patients with non-hypoxemic chronic obstructive pulmonary disease. Ciência & SaAºde, 2008, 1, 43.	0.0	2
92	Octyl gallate induces hepatic steatosis in HepG2 cells through the regulation of SREBP-1c and PPAR-gamma gene expression. EXCLI Journal, 2020, 19, 962-971.	0.7	2
93	Effects of Physical Training on Heart Rate Variability in Children and Adolescents with Chronic Diseases: A Systematic Review and Meta-analysis. International Journal of Sports Medicine, 2022, 43, 679-686.	1.7	2
94	Equações internacionais superestimam a força muscular ventilatória em crianças e adolescentes com fibrose cÃstica. Fisioterapia E Pesquisa, 2013, 20, 387-393.	0.1	1
95	Efeitos de longo prazo do estresse neonatal com lipopolissacarÃdeo em ratos. Ciência & Saúde, 2014, 7, 47.	0.0	1
96	Respiratory muscle strength test: is it realistic in young children?. Revista Paulista De Pediatria (English Edition), 2015, 33, 274-279.	0.3	1
97	Metabolic dysfunction in a rat model of earlyâ€life scarcity–adversity: Modulatory role of cafeteria diet. Experimental Physiology, 2018, 103, 1481-1493.	2.0	1
98	Clinical use of the modified shuttle test in children with cystic fibrosis: Is one test sufficient?. Pediatric Pulmonology, 2021, 56, 1550-1557.	2.0	1
99	Cystic fibrosis in Brazil: achievements in survival. Jornal Brasileiro De Pneumologia, 2021, 47, e20210140.	0.7	1
100	Obstructive sleep apnea in children and adolescents with cystic fibrosis and preserved lung function or mild impairment: a systematic review and meta-analysis of prevalence. Sleep Medicine, 2021, 88, 36-43.	1.6	1
101	Association of sleep disorders with heart rate variability in children and adolescents with cystic fibrosis. Revista Paulista De Pediatria, 2021, 40, e2020295.	1.0	1
102	Intervenção interdisciplinar reduz o consumo de alimentos ultraprocessados em adolescentes com sobrepeso ou obesidade. Saúde E Pesquisa, 2022, 15, 1-14.	0.1	1
103	Anti-inflammatory and immunomodulatory effects of RDV-8 [C18H22N2O2S (ethyl) Tj ETQq1 1 0.784314 rgBT , pleurisy and in vitro lymphoproliferation. Inflammopharmacology, 2011, 19, 145-153.	Overlock 3.9	10 Tf 50 26 <mark>7</mark> 0
104	Reply. Pediatric Pulmonology, 2019, 54, 1354-1355.	2.0	0
105	Rendimiento diagnóstico de la pregunta concerniente a la actividad fÃsica del cuestionario GINA para la detección de asma y broncoconstricción inducidas por el ejercicio. Anales De PediatrÃa, 2020, 95, 40-40.	0.2	0
106	Scoring tools to monitor risk of disease progression in patients with cystic fibrosis. Journal of Thoracic Disease, 2020, 12, 3940-3943.	1.4	0
107	Aerobic fitness is associated with extracellular DNA levels in the sputum of patients with cystic fibrosis. International Journal of Clinical Practice, 2021, 75, e14616.	1.7	0
108	Intervenções de fisioterapia respiratória utilizadas durante a hospitalização de crianças e adolescentes com asma. Scientia Medica, 2021, 31, e39356.	0.3	0

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109	Diagnostic performance of the physical activity-related question of the GINA questionnaire to detect exercise-induced bronchoconstriction in asthma. Anales De PediatrÃa (English Edition), 2021, 95, 40-47.	0.2	0
110	N-acetylcysteine and fructose-1,6-bisphosphate: immunomodulatory effects on mononuclear cell culture. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2012, 48, 109-115.	0.3	0
111	Revista Ciência & Saúde: avanços e perspectivas. Ciência & Saúde, 2013, 6, 1.	0.0	0
112	Correlation of physical fitness with peripheral muscle strength, physical activity levels and lung function in patients with cystic fibrosis. , 2018, , .		0
113	Prenatal stress induces long-lasting effects in lung glucocorticoid receptor gene expression in a sex-dependent manner. Scientia Medica, 2019, 29, 33192.	0.3	0
114	Impedância pulmonar como novo marcador de fisioterapia respiratória em adultos com distúrbios ventilatórios obstrutivos. Medicina, 2019, 52, 319-327.	0.1	0
115	Gestational stress alters maternal behavior and inflammatory markers in the olfactory bulb of lactating mice. International Journal of Developmental Neuroscience, 2021, , .	1.6	ο