

Marcio Vinicius Fagundes Donadio

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

1,657
citations

394421

19
h-index

377865

34
g-index

119
all docs

119
docs citations

119
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	Determinants of exercise capacity in children and adolescents with severe therapy-resistant asthma. <i>Journal of Asthma</i> , 2022, 59, 115-125.	1.7	6
2	Effects of Physical Training on Heart Rate Variability in Children and Adolescents with Chronic Diseases: A Systematic Review and Meta-analysis. <i>International Journal of Sports Medicine</i> , 2022, 43, 679-686.	1.7	2
3	Intervenç�o interdisciplinar reduz o consumo de alimentos ultraprocessados em adolescentes com sobrepeso ou obesidade. <i>Sa�de E Pesquisa</i> , 2022, 15, 1-14.	0.1	1
4	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. <i>Respiratory Medicine</i> , 2022, 196, 106798.	2.9	4
5	The role of maternal exercise on placental, behavioral and genetic alterations induced by prenatal stress. <i>Neurochemistry International</i> , 2022, 158, 105384.	3.8	7
6	Sex-dependent metabolic effects of pregestational exercise on prenatally stressed mice. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 271-279.	1.4	6
7	Immediate Effects and Safety of High-Frequency Chest Wall Compression Compared to Airway Clearance Techniques in Non-Hospitalized Infants With Acute Viral Bronchiolitis. <i>Respiratory Care</i> , 2021, 66, 425-433.	1.6	7
8	Therapeutic effect of uridine phosphorylase 1 (UPP1) inhibitor on liver fibrosis in vitro and in vivo. <i>European Journal of Pharmacology</i> , 2021, 890, 173670.	3.5	8
9	Effects of running before pregnancy on long-term memory and hippocampal alterations induced by prenatal stress. <i>Neuroscience Letters</i> , 2021, 746, 135659.	2.1	4
10	Peripheral muscle strength is associated with aerobic fitness and use of antibiotics in patients with cystic fibrosis. <i>International Journal of Clinical Practice</i> , 2021, 75, e14050.	1.7	4
11	Effects of a Short-Term Resistance-Training Program on Heart Rate Variability in Children With Cystic Fibrosis��A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2021, 12, 652029.	2.8	7
12	Clinical use of the modified shuttle test in children with cystic fibrosis: Is one test sufficient?. <i>Pediatric Pulmonology</i> , 2021, 56, 1550-1557.	2.0	1
13	Continuous positive airway pressure acutely increases exercise duration in children with severe therapy-resistant asthma: a randomized crossover trial. <i>World Journal of Pediatrics</i> , 2021, 17, 189-196.	1.8	2
14	Cystic fibrosis in Brazil: achievements in survival. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20210140.	0.7	1
15	Comparison of physical fitness between healthy and mild��to��moderate asthmatic children with exercise symptoms: A cross��sectional study. <i>Pediatric Pulmonology</i> , 2021, 56, 2512-2521.	2.0	3
16	Prenatal stress and KCl-induced depolarization modulate cell death, hypothalamic-pituitary-adrenal axis genes, oxidative and inflammatory response in primary cortical neurons. <i>Neurochemistry International</i> , 2021, 147, 105053.	3.8	5
17	Aerobic fitness is associated with extracellular DNA levels in the sputum of patients with cystic fibrosis. <i>International Journal of Clinical Practice</i> , 2021, 75, e14616.	1.7	0
18	The modified shuttle test as a predictor of risk for hospitalization in youths with cystic fibrosis: A two-year follow-up study. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 648-654.	0.7	5

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19	Intervenções de fisioterapia respiratória utilizadas durante a hospitalização de crianças e adolescentes com asma. <i>Scientia Medica</i> , 2021, 31, e39356.	0.3	0
20	Diagnostic performance of the physical activity-related question of the GINA questionnaire to detect exercise-induced bronchoconstriction in asthma. <i>Anales De Pediatría (English Edition)</i> , 2021, 95, 40-47.	0.2	0
21	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. <i>Sleep Medicine</i> , 2021, 88, 36-43.	1.6	1
22	Methoxyeugenol deactivates hepatic stellate cells and attenuates liver fibrosis and inflammation through a PPAR- γ and NF- κ B mechanism. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114433.	4.1	33
23	Association of sleep disorders with heart rate variability in children and adolescents with cystic fibrosis. <i>Revista Paulista De Pediatria</i> , 2021, 40, e2020295.	1.0	1
24	Safety of airway clearance combined with bronchodilator and hypertonic saline in non-hospitalized infants with acute bronchiolitis. <i>Archives De Pediatrie</i> , 2021, 28, 707-711.	1.0	2
25	Gestational stress alters maternal behavior and inflammatory markers in the olfactory bulb of lactating mice. <i>International Journal of Developmental Neuroscience</i> , 2021, , .	1.6	0
26	Respiratory physical therapy techniques recommended for patients with cystic fibrosis treated in specialized centers. <i>Brazilian Journal of Physical Therapy</i> , 2020, 24, 532-538.	2.5	7
27	Extracellular DNA in sputum is associated with pulmonary function and hospitalization in patients with cystic fibrosis. <i>Respiratory Medicine</i> , 2020, 172, 106144.	2.9	15
28	Sleep disorders are distinctively associated with exercise intolerance and sedentary behavior in children with cystic fibrosis. <i>Sleep Medicine</i> , 2020, 74, 145-151.	1.6	4
29	Maternal separation induces long-term oxidative stress alterations and increases anxiety-like behavior of male Balb/c mice. <i>Experimental Brain Research</i> , 2020, 238, 2097-2107.	1.5	18
30	Rendimiento diagnóstico de la pregunta concerniente a la actividad física del cuestionario GINA para la detección de asma y broncoconstricción inducidas por el ejercicio. <i>Anales De Pediatría</i> , 2020, 95, 40-40.	0.2	0
31	Scoring tools to monitor risk of disease progression in patients with cystic fibrosis. <i>Journal of Thoracic Disease</i> , 2020, 12, 3940-3943.	1.4	0
32	Physical exercise as a tool to minimize the consequences of the Covid-19 quarantine: An overview for cystic fibrosis. <i>Pediatric Pulmonology</i> , 2020, 55, 2877-2882.	2.0	8
33	Sleep-disordered breathing and markers of morbidity in children and adolescents with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2020, 55, 1974-1983.	2.0	14
34	CPBMF65, a synthetic human uridine phosphorylase-1 inhibitor, reduces HepG2 cell proliferation through cell cycle arrest and senescence. <i>Investigational New Drugs</i> , 2020, 38, 1653-1663.	2.6	3
35	Determinants of Exercise Capacity Assessed With the Modified Shuttle Test in Individuals With Cystic Fibrosis. <i>Respiratory Care</i> , 2020, 65, 643-649.	1.6	5
36	Evaluation of the exercise intensity generated by active video gaming in patients with cystic fibrosis and healthy individuals. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 434-441.	0.7	10

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37	Anti-inflammatory effect of octyl gallate in alveolar macrophages cells and mice with acute lung injury. <i>Journal of Cellular Physiology</i> , 2020, 235, 6073-6084.	4.1	14
38	Exercise before pregnancy attenuates the effects of prenatal stress in adult mice in a sex-dependent manner. <i>International Journal of Developmental Neuroscience</i> , 2020, 80, 86-95.	1.6	10
39	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. <i>Pediatric Pulmonology</i> , 2020, 55, 1608-1616.	2.0	24
40	BRAZILIAN VERSION OF THE SHRINERS HOSPITAL UPPER EXTREMITY EVALUATION (SHUEE): TRANSLATION, CULTURAL ADAPTATION, AND EVALUATION OF PSYCHOMETRIC PROPERTIES. <i>Revista Paulista De Pediatria</i> , 2020, 38, e2018328.	1.0	2
41	Octyl gallate induces hepatic steatosis in HepG2 cells through the regulation of SREBP-1c and PPAR-gamma gene expression. <i>EXCLI Journal</i> , 2020, 19, 962-971.	0.7	2
42	Airway clearance physiotherapy improves ventilatory dynamics during exercise in patients with cystic fibrosis: a pilot study. <i>Archives of Disease in Childhood</i> , 2019, 104, 37-42.	1.9	7
43	Sex differences in the effects of acute stress on cerebral glucose metabolism: A microPET study. <i>Brain Research</i> , 2019, 1722, 146355.	2.2	5
44	Fructose-1,6-bisphosphate prevents pulmonary fibrosis by regulating extracellular matrix deposition and inducing phenotype reversal of lung myofibroblasts. <i>PLoS ONE</i> , 2019, 14, e0222202.	2.5	6
45	Modified Shuttle Test Distance Correlates With Peak Oxygen Uptake in Children and Adolescents With Severe Therapy-Resistant Asthma. <i>Frontiers in Physiology</i> , 2019, 10, 1245.	2.8	2
46	Reply. <i>Pediatric Pulmonology</i> , 2019, 54, 1354-1355.	2.0	0
47	Association of IL-10 to coronary disease severity in patients with metabolic syndrome. <i>Clinica Chimica Acta</i> , 2019, 495, 394-398.	1.1	13
48	Peak Oxygen Uptake and Mortality in Cystic Fibrosis: Systematic Review and Meta-Analysis. <i>Respiratory Care</i> , 2019, 64, 91-98.	1.6	42
49	Prediction of peak oxygen uptake using the modified shuttle test in children and adolescents with cystic fibrosis. <i>Pediatric Pulmonology</i> , 2019, 54, 386-392.	2.0	19
50	Exenatide induces autophagy and prevents the cell regrowth in HepG2 cells. <i>EXCLI Journal</i> , 2019, 18, 540-548.	0.7	10
51	Prenatal stress induces long-lasting effects in lung glucocorticoid receptor gene expression in a sex-dependent manner. <i>Scientia Medica</i> , 2019, 29, 33192.	0.3	0
52	Impedância pulmonar como novo marcador de fisioterapia respiratória em adultos com distúrbios ventilatórios obstrutivos. <i>Medicina</i> , 2019, 52, 319-327.	0.1	0
53	Leucine reduces the proliferation of MC3T3-E1 cells through DNA damage and cell senescence. <i>Toxicology in Vitro</i> , 2018, 48, 1-10.	2.4	7
54	Exercise Capacity Assessment by the Modified Shuttle Walk Test and its Correlation with Biochemical Parameters in Obese Children and Adolescents. <i>Indian Journal of Pediatrics</i> , 2018, 85, 1079-1085.	0.8	3

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55	Low-intensity pulsed ultrasound (LIPUS) stimulates mineralization of MC3T3-E1 cells through calcium and phosphate uptake. <i>Ultrasonics</i> , 2018, 84, 290-295.	3.9	22
56	Metabolic dysfunction in a rat model of early-life scarcity adversity: Modulatory role of cafeteria diet. <i>Experimental Physiology</i> , 2018, 103, 1481-1493.	2.0	1
57	RIZOTOMIA DORSAL SELETIVA NA PARALISIA CEREBRAL: CRITÉRIOS DE INDICAÇÃO E PROTOCOLOS DE REABILITAÇÃO FISIOTERAPÊUTICA PÓS-OPERATÓRIA. <i>Revista Paulista De Pediatria</i> , 2018, 36, 100-108.	1.0	19
58	Effects of the use of respiratory physiotherapy in children admitted with acute viral bronchiolitis. <i>Archives De Pediatrie</i> , 2018, 25, 394-398.	1.0	19
59	Fructose-1,6-Bisphosphate Prevents Bleomycin-Induced Pulmonary Fibrosis in Mice and Inhibits the Proliferation of Lung Fibroblasts. <i>Inflammation</i> , 2018, 41, 1987-2001.	3.8	7
60	Correlation of physical fitness with peripheral muscle strength, physical activity levels and lung function in patients with cystic fibrosis. , 2018, , .		0
61	Mesenchymal stem cells improves survival in LPS-induced acute lung injury acting through inhibition of NETs formation. <i>Journal of Cellular Physiology</i> , 2017, 232, 3552-3564.	4.1	77
62	Six-Minute Walk Test Results Predict Risk of Hospitalization for Youths with Cystic Fibrosis: A 5-Year Follow-Up Study. <i>Journal of Pediatrics</i> , 2017, 182, 204-209.e1.	1.8	28
63	Fructose-1,6-bisphosphate decreases IL-8 levels and increases the activity of pro-apoptotic proteins in HepG2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 358-365.	5.6	10
64	Fructose-1,6-bisphosphate reverts iron-induced phenotype of hepatic stellate cells by chelating ferrous ions. <i>BioMetals</i> , 2017, 30, 549-558.	4.1	4
65	Running during adolescence rescues a maternal separation-induced memory impairment in female mice: Potential role of differential exon-specific BDNF expression. <i>Developmental Psychobiology</i> , 2017, 59, 268-274.	1.6	18
66	Brazilian guidelines for the diagnosis and treatment of cystic fibrosis. <i>Jornal Brasileiro De Pneumologia</i> , 2017, 43, 219-245.	0.7	73
67	Inspiratory muscle training in pediatrics: main indications and technical characteristics of the protocols. <i>Fisioterapia Em Movimento</i> , 2017, 30, 317-324.	0.1	4
68	Reference Values for Inspiratory Muscle Endurance in Healthy Children and Adolescents. <i>PLoS ONE</i> , 2017, 12, e0170696.	2.5	6
69	Inspiratory muscle function in asthmatic and healthy subjects: influence of age, nutrition and physical activity. <i>Journal of Asthma</i> , 2016, 53, 893-899.	1.7	12
70	Protective effect of early prenatal stress on the induction of asthma in adult mice: Sex-specific differences. <i>Physiology and Behavior</i> , 2016, 165, 358-364.	2.1	11
71	Rhinopharyngeal Retrograde Clearance Induces Less Respiratory Effort and Fewer Adverse Effects in Comparison With Nasopharyngeal Aspiration in Infants With Acute Viral Bronchiolitis. <i>Respiratory Care</i> , 2016, 61, 1613-1619.	1.6	14
72	Galic acid reduces cell growth by induction of apoptosis and reduction of IL-8 in HepG2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1282-1290.	5.6	46

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73	Physiological responses during exercise with video games in patients with cystic fibrosis: A systematic review. <i>Respiratory Medicine</i> , 2016, 119, 63-69.	2.9	15
74	Carrageenan-induced inflammation promotes ROS generation and neutrophil extracellular trap formation in a mouse model of peritonitis. <i>European Journal of Immunology</i> , 2016, 46, 964-970.	2.9	52
75	LPS-induced neonatal stress in mice affects the response profile to an inflammatory stimulus in an age and sex-dependent manner. <i>Developmental Psychobiology</i> , 2016, 58, 600-613.	1.6	9
76	Biochemical and inflammatory aspects in patients with severe sepsis and septic shock: The predictive role of IL-18 in mortality. <i>Clinica Chimica Acta</i> , 2016, 453, 100-106.	1.1	35
77	Inspiratory Muscle Strength and Endurance in Children and Adolescents with Cystic Fibrosis. <i>Respiratory Care</i> , 2016, 61, 184-191.	1.6	18
78	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. <i>International Journal of Clinical Trials</i> , 2016, 3, 225.	0.2	4
79	Therapeutic ultrasound stimulates MC3T3-E1 cell proliferation through the activation of NF- κ B1, p38 β , and mTOR. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 765-772.	2.1	11
80	Variation in lung function is associated with worse clinical outcomes in cystic fibrosis. <i>Jornal Brasileiro De Pneumologia</i> , 2015, 41, 509-515.	0.7	8
81	Antioxidant, analgesic and anti-inflammatory effects of lavender essential oil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1397-1408.	0.8	109
82	Physical Exercise Recommendations Improve Postural Changes Found in Children and Adolescents with Cystic Fibrosis: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2015, 166, 710-716.e2.	1.8	21
83	β -Reduced Neurosteroids Sex-Dependently Reverse Central Prenatal Programming of Neuroendocrine Stress Responses in Rats. <i>Journal of Neuroscience</i> , 2015, 35, 666-677.	3.6	39
84	Effects of neonatal inflammation on the inflammatory and oxidative profile during experimental sepsis in adult life. <i>Physiology and Behavior</i> , 2015, 151, 516-524.	2.1	6
85	Respiratory muscle strength test: is it realistic in young children?. <i>Revista Paulista De Pediatria (English Edition)</i> , 2015, 33, 274-279.	0.3	1
86	Effects of an Educational Intervention of Physical Activity for Children and Adolescents With Cystic Fibrosis: A Randomized Controlled Trial. <i>Respiratory Care</i> , 2015, 60, 81-87.	1.6	35
87	Efeitos de longo prazo do estresse neonatal com lipopolissacarídeo em ratos. <i>Ciência & Saúde</i> , 2014, 7, 47.	0.0	1
88	Normative values for the \dot{V}_{Tmax} and \dot{V}_{Umax} and \dot{V}_{Gmax} test in children and adolescents and validation for individuals with Down syndrome. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 490-497.	2.1	56
89	Immediate Effects of Chest Physiotherapy on Hemodynamic, Metabolic, and Oxidative Stress Parameters in Subjects With Septic Shock. <i>Respiratory Care</i> , 2014, 59, 1398-1403.	1.6	8
90	Bone mineral density, pulmonary function, chronological age, and age at diagnosis in children and adolescents with cystic fibrosis. <i>Jornal De Pediatria</i> , 2013, 89, 151-157.	2.0	16

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91	Equações internacionais superestimam a força muscular ventilatória em crianças e adolescentes com fibrose cística. <i>Fisioterapia E Pesquisa</i> , 2013, 20, 387-393.	0.1	1
92	Timed "Up & Go" test in children and adolescents. <i>Revista Paulista De Pediatria</i> , 2013, 31, 377-383.	1.0	84
93	Revista Ciência & Saúde: avanços e perspectivas. <i>Ciência & Saúde</i> , 2013, 6, 1.	0.0	0
94	Normal values for respiratory muscle strength in healthy preschoolers and school children. <i>Respiratory Medicine</i> , 2012, 106, 1639-1646.	2.9	52
95	Utilização da técnica de resistência do interruptor na avaliação da resistência das vias aéreas em pacientes com fibrose cística. <i>Jornal Brasileiro De Pneumologia</i> , 2012, 38, 188-193.	0.7	5
96	Evaluation of the brain and kidney renin-angiotensin system and oxidative stress in neonatal handled rats. <i>Developmental Psychobiology</i> , 2012, 54, 706-713.	1.6	2
97	N-acetylcysteine and fructose-1,6-bisphosphate: immunomodulatory effects on mononuclear cell culture. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2012, 48, 109-115.	0.3	0
98	Treatment with N-methyl-d-aspartate receptor antagonist (MK-801) protects against oxidative stress in lipopolysaccharide-induced acute lung injury in the rat. <i>International Immunopharmacology</i> , 2011, 11, 706-711.	3.8	29
99	Sex differences in prenatally programmed anxiety behaviour in rats: Differential corticotropin-releasing hormone receptor mRNA expression in the amygdaloid complex. <i>Stress</i> , 2011, 14, 634-643.	1.8	45
100	Immunomodulatory effects of oral antidiabetic drugs in lymphocyte cultures from patients with type 2 diabetes. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2011, 47, 43-48.	0.3	5
101	Effect of Fructose-1,6-bisphosphate on the Nephrotoxicity Induced by Cisplatin in Rats. <i>Inflammation</i> , 2011, 34, 67-71.	3.8	16
102	Effect of N-Acetylcysteine and Fructose-1,6-Bisphosphate in the Treatment of Experimental Sepsis. <i>Inflammation</i> , 2011, 34, 539-550.	3.8	14
103	Anti-inflammatory and immunomodulatory effects of RDV-8 [C18H22N2O2S (ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26] on pleurisy and in vitro lymphoproliferation. <i>Inflammopharmacology</i> , 2011, 19, 145-153.	3.9	0
104	Interventions in the neonatal environment in rats and their relationship to behavior in adulthood and maternal behavior.. <i>Psychology and Neuroscience</i> , 2010, 3, 73-78.	0.8	12
105	Neonatal Handling Reduces Renal Function in Adult Rats. <i>Kidney and Blood Pressure Research</i> , 2009, 32, 286-292.	2.0	4
106	Reference values for the 6-min walk test in healthy children aged 6-12 years. <i>Pediatric Pulmonology</i> , 2009, 44, 1174-1179.	2.0	103
107	Optimum design parameters for a therapist-constructed positive-expiratory-pressure therapy bottle device. <i>Respiratory Care</i> , 2009, 54, 504-8.	1.6	27
108	Antibodies as Anti-Infective Agents in Medicinal Chemistry. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2008, 7, 249-257.	0.6	4

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109	The effects of oxygen supplementation during exercise in patients with non-hypoxemic chronic obstructive pulmonary disease. <i>Ciência & Saúde</i> , 2008, 1, 43.	0.0	2
110	Effects of acute stress on the day of proestrus on sexual behavior and ovulation in female rats: Participation of the angiotensinergic system. <i>Physiology and Behavior</i> , 2007, 92, 591-600.	2.1	18
111	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. <i>Life Sciences</i> , 2006, 78, 2867-2871.	4.3	13
112	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. <i>Brain Research</i> , 2006, 1067, 177-180.	2.2	3
113	Estradiol and progesterone modulation of angiotensin II receptors in the arcuate nucleus of ovariectomized and lactating rats. <i>Brain Research</i> , 2006, 1083, 103-109.	2.2	13
114	Angiotensin II receptors are upregulated by estradiol and progesterone in the locus coeruleus, median preoptic nucleus and subfornical organ of ovariectomized rats. <i>Brain Research</i> , 2005, 1065, 47-52.	2.2	7
115	Angiotensin II receptors in the arcuate nucleus mediate stress-induced reduction of prolactin secretion in steroid-primed ovariectomized and lactating rats. <i>Brain Research</i> , 2004, 1006, 59-65.	2.2	13