

Vânia D Almeida

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210
papers

4,086
citations

34
h-index

53
g-index

234
ext. papers

4,564
ext. citations

3.7
avg, IF

4.96
L-index

#	Paper	IF	Citations
210	Endocrinological and catecholaminergic alterations during sleep deprivation and recovery in male rats. <i>Journal of Sleep Research</i> , 2005 , 14, 83-90	5.8	192
209	Association of the length polymorphism in the human Per3 gene with the delayed sleep-phase syndrome: does latitude have an influence upon it?. <i>Sleep</i> , 2005 , 28, 29-32	1.1	153
208	Sleep deprivation induces brain region-specific decreases in glutathione levels. <i>NeuroReport</i> , 1998 , 9, 2853-6	1.7	114
207	Oxidative stress modulates DNA methylation during melanocyte anchorage blockade associated with malignant transformation. <i>Neoplasia</i> , 2007 , 9, 1111-21	6.4	110
206	Clock polymorphisms and circadian rhythms phenotypes in a sample of the Brazilian population. <i>Chronobiology International</i> , 2007 , 24, 1-8	3.6	109
205	Long term treatment with ACE inhibitor enalapril decreases body weight gain and increases life span in rats. <i>Biochemical Pharmacology</i> , 2009 , 78, 951-8	6	87
204	Oxidative stress contributes to renovascular hypertension. <i>American Journal of Hypertension</i> , 2008 , 21, 98-104	2.3	77
203	Increased hypocretin-1 (orexin-a) levels in cerebrospinal fluid of rats after short-term forced activity. <i>Regulatory Peptides</i> , 2004 , 117, 155-8		75
202	Sleep disturbances, oxidative stress and cardiovascular risk parameters in postmenopausal women complaining of insomnia. <i>Climacteric</i> , 2006 , 9, 312-9	3.1	71
201	Diagnosing mucopolysaccharidosis IVA. <i>Journal of Inherited Metabolic Disease</i> , 2013 , 36, 293-307	5.4	66
200	Orexin activation precedes increased NPY expression, hyperphagia, and metabolic changes in response to sleep deprivation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E726-34	6	66
199	Relationship between total homocysteine and folate levels in pregnant women and their newborn babies according to maternal serum levels of vitamin B12. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2002 , 109, 784-91	3.7	66
198	Chemically-induced RAT mesenchymal stem cells adopt molecular properties of neuronal-like cells but do not have basic neuronal functional properties. <i>PLoS ONE</i> , 2009 , 4, e5222	3.7	65
197	Increased hypocretin-1 levels in cerebrospinal fluid after REM sleep deprivation. <i>Brain Research</i> , 2004 , 995, 1-6	3.7	61
196	Vitamin E attenuates reserpine-induced oral dyskinesia and striatal oxidized glutathione/reduced glutathione ratio (GSSG/GSH) enhancement in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003 , 27, 109-14	5.5	58
195	Relationship between polymorphisms in genes involved in homocysteine metabolism and maternal risk for Down syndrome in Brazil. <i>American Journal of Medical Genetics, Part A</i> , 2005 , 135, 263-7	2.5	58
194	Plasmatic higher levels of homocysteine in non-alcoholic fatty liver disease (NAFLD). <i>Nutrition Journal</i> , 2013 , 12, 37	4.3	56

193	Important role of striatal catalase in aging- and reserpine-induced oral dyskinesia. <i>Neuropharmacology</i> , 2004 , 47, 263-72	5.5	54
192	Mandibular advancement device and CPAP upon cardiovascular parameters in OSA. <i>Sleep and Breathing</i> , 2014 , 18, 749-59	3.1	52
191	Absence of oxidative stress following paradoxical sleep deprivation in rats. <i>Neuroscience Letters</i> , 1997 , 235, 25-8	3.3	51
190	Beneficial effects of vitamin C and vitamin E on reserpine-induced oral dyskinesia in rats: critical role of striatal catalase activity. <i>Neuropharmacology</i> , 2005 , 48, 993-1001	5.5	50
189	Low ratio of S-adenosylmethionine to S-adenosylhomocysteine is associated with vitamin deficiency in Brazilian pregnant women and newborns. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1312-21	7	50
188	The effect of age, diagnosis, and their interaction on vertex-based measures of cortical thickness and surface area in autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2014 , 121, 1157-70	4.3	48
187	Consequences of subchronic and chronic exposure to intermittent hypoxia and sleep deprivation on cardiovascular risk factors in rats. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 156, 250-8	2.8	48
186	Effects of paradoxical sleep deprivation on blood parameters associated with cardiovascular risk in aged rats. <i>Experimental Gerontology</i> , 2004 , 39, 817-24	4.5	47
185	The beneficial effects of strength exercise on hippocampal cell proliferation and apoptotic signaling is impaired by anabolic androgenic steroids. <i>Psychoneuroendocrinology</i> , 2014 , 50, 106-17	5	46
184	Endurance exercise training increases APPL1 expression and improves insulin signaling in the hepatic tissue of diet-induced obese mice, independently of weight loss. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2917-26	7	46
183	Dissociation of the effects of ethanol on memory, anxiety, and motor behavior in mice tested in the plus-maze discriminative avoidance task. <i>Psychopharmacology</i> , 2007 , 192, 39-48	4.7	45
182	Isoflavones decrease insomnia in postmenopause. <i>Menopause</i> , 2011 , 18, 178-84	2.5	42
181	Mutational and oxidative stress analysis in patients with mucopolysaccharidosis type I undergoing enzyme replacement therapy. <i>Clinica Chimica Acta</i> , 2008 , 387, 75-9	6.2	41
180	Microinjection of melanin concentrating hormone into the lateral preoptic area promotes non-REM sleep in the rat. <i>Peptides</i> , 2013 , 39, 11-5	3.8	39
179	Adolescent mice are more vulnerable than adults to single injection-induced behavioral sensitization to amphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 98, 320-4	3.9	38
178	Methylenetetrahydrofolate reductase (MTHFR): incidence of mutations C677T and A1298C in Brazilian population and its correlation with plasma homocysteine levels in spina bifida. <i>American Journal of Medical Genetics Part A</i> , 2003 , 119A, 20-5		38
177	A reassessment of the hyperphagia/weight-loss paradox during sleep deprivation. <i>Sleep</i> , 2006 , 29, 1233-8		36
176	Nitric oxide-induced murine hematopoietic stem cell fate involves multiple signaling proteins, gene expression, and redox modulation. <i>Stem Cells</i> , 2014 , 32, 2949-60	5.8	34

175	Evidence of lysosomal membrane permeabilization in mucopolysaccharidosis type I: rupture of calcium and proton homeostasis. <i>Journal of Cellular Physiology</i> , 2010 , 223, 335-42	7	34
174	Prevalence of myocardial infarction is related to hyperhomocysteinemia but not influenced by C677T methylenetetrahydrofolate reductase and A2756G methionine synthase polymorphisms in diabetic and non-diabetic subjects. <i>Clinica Chimica Acta</i> , 2005 , 355, 165-72	6.2	32
173	Sleep deprivation does not affect indices of necrosis or apoptosis in rat brain. <i>International Journal of Neuroscience</i> , 2002 , 112, 155-66	2	32
172	Expert recommendations for the laboratory diagnosis of MPS VI. <i>Molecular Genetics and Metabolism</i> , 2012 , 106, 73-82	3.7	30
171	Sleep deprivation reduces total plasma homocysteine levels in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002 , 80, 193-7	2.4	30
170	Cognition and biomarkers of oxidative stress in obstructive sleep apnea. <i>Clinics</i> , 2013 , 68, 449-55	2.3	29
169	Cysteine: a potential biomarker for obstructive sleep apnea. <i>Chest</i> , 2011 , 139, 246-252	5.3	29
168	Reference values for lysosomal enzymes activities using dried blood spots samples - a Brazilian experience. <i>Diagnostic Pathology</i> , 2010 , 5, 65	3	29
167	Blood oxidative stress markers in Gaucher disease patients. <i>Clinica Chimica Acta</i> , 2006 , 364, 316-20	6.2	29
166	Biochemical, biometrical and behavioral changes in male offspring of sleep-deprived mice. <i>Psychoneuroendocrinology</i> , 2010 , 35, 775-84	5	28
165	Acute stressor-selective effects on homocysteine metabolism and oxidative stress parameters in female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 85, 400-7	3.9	28
164	Alzheimer's disease in Brazilian elderly has a relation with homocysteine but not with MTHFR polymorphisms. <i>Arquivos De Neuro-Psiquiatria</i> , 2006 , 64, 941-5	1.6	28
163	Which parameters to use for sleep quality monitoring in team sport athletes? A systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2019 , 5, e000475	3.4	28
162	Grape juice concentrate protects reproductive parameters of male rats against cadmium-induced damage: a chronic assay. <i>British Journal of Nutrition</i> , 2013 , 110, 2020-9	3.6	27
161	Homocysteine concentrations and molecular analysis in patients with congenital heart defects. <i>Archives of Medical Research</i> , 2007 , 38, 212-8	6.6	27
160	Hyperhomocysteinemia increases the risk of venous thrombosis independent of the C677T mutation of the methylenetetrahydrofolate reductase gene in selected Brazilian patients. <i>Blood Coagulation and Fibrinolysis</i> , 2002 , 13, 271-5	1	26
159	The mitochondrial toxin 3-nitropropionic acid aggravates reserpine-induced oral dyskinesia in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002 , 26, 401-5	5.5	26
158	Homocysteine and nitric oxide are related to blood pressure and vascular function in small-for-gestational-age children. <i>Hypertension</i> , 2007 , 50, 396-402	8.5	25

157	Cannabidiol Prevents Motor and Cognitive Impairments Induced by Reserpine in Rats. <i>Frontiers in Pharmacology</i> , 2016 , 7, 343	5.6	25
156	Guidelines to diagnosis and monitoring of Fabry disease and review of treatment experiences. <i>Journal of Pediatrics</i> , 2009 , 155, S19-31	3.6	24
155	Increased plasma homocysteine levels in shift working bus drivers. <i>Occupational and Environmental Medicine</i> , 2003 , 60, 662-6	2.1	24
154	Sleep deprivation-induced gnawing-relationship to changes in feeding behavior in rats. <i>Physiology and Behavior</i> , 2008 , 93, 229-34	3.5	23
153	Association of increased levels of homocysteine and peripheral arterial disease in a Japanese-Brazilian population. <i>European Journal of Vascular and Endovascular Surgery</i> , 2007 , 34, 23-8	2.3	23
152	Acute stressor-selective effect on total plasma homocysteine concentration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 269-73	3.9	23
151	Kinin B1 receptor in adipocytes regulates glucose tolerance and predisposition to obesity. <i>PLoS ONE</i> , 2012 , 7, e44782	3.7	22
150	Impact of hypertension and hyperhomocysteinemia on arterial thrombosis in primary antiphospholipid syndrome. <i>Lupus</i> , 2007 , 16, 782-7	2.6	22
149	Homocysteine and cysteine levels in prepubertal children: association with waist circumference and lipid profile. <i>Nutrition</i> , 2013 , 29, 166-71	4.8	21
148	Sleep deprivation alters gene expression and antioxidant enzyme activity in mice splenocytes. <i>Scandinavian Journal of Immunology</i> , 2013 , 77, 195-9	3.4	21
147	Duraçã do sono em adolescentes de diferentes nveis socioeconmicos. <i>Jornal Brasileiro De Psiquiatria</i> , 2009 , 58, 231-237	0.5	21
146	Intermittent hypoxia and sleep restriction: motor, cognitive and neurochemical alterations in rats. <i>Behavioural Brain Research</i> , 2008 , 189, 373-80	3.4	21
145	Sleepiness, inflammation and oxidative stress markers in middle-aged males with obstructive sleep apnea without metabolic syndrome: a cross-sectional study. <i>Respiratory Research</i> , 2015 , 16, 3	7.3	20
144	Moderate hyperhomocysteinemia provokes dysfunction of cardiovascular autonomic system and liver oxidative stress in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 180, 43-7	2.4	20
143	New mutations in the GLA gene in Brazilian families with Fabry disease. <i>Journal of Human Genetics</i> , 2012 , 57, 347-51	4.3	20
142	Distinct behavioral and neurochemical alterations induced by intermittent hypoxia or paradoxical sleep deprivation in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 87-94	5.5	20
141	Physiological variation in plasma total homocysteine concentrations in rats. <i>Life Sciences</i> , 2005 , 76, 2621-8	1.8	20
140	The p.T191M mutation of the CBS gene is highly prevalent among homocystinuric patients from Spain, Portugal and South America. <i>Journal of Human Genetics</i> , 2006 , 51, 305-313	4.3	20

139	Tocopherol induces hematopoietic stem/progenitor cell expansion and ERK1/2-mediated differentiation. <i>Journal of Leukocyte Biology</i> , 2011 , 90, 1111-7	6.5	18
138	Increased homocysteine levels associated with sex and stress in the learned helplessness model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 155-61	3.9	18
137	Metabolic syndrome and associated factors in children and adolescents of a Brazilian municipality. <i>Nutricion Hospitalaria</i> , 2014 , 29, 865-72	1	18
136	Long-term effect of Helicobacter pylori eradication on plasma homocysteine in elderly patients with cobalamin deficiency. <i>Gut</i> , 2007 , 56, 469-74	19.2	17
135	Opposite effects of sleep rebound on orexin OX1 and OX2 receptor expression in rat brain. <i>Molecular Brain Research</i> , 2005 , 136, 148-57		17
134	Melatonin treatment does not prevent decreases in brain glutathione levels induced by sleep deprivation. <i>European Journal of Pharmacology</i> , 2000 , 390, 299-302	5.3	17
133	Homocysteine and lipid profile in children with Juvenile Idiopathic Arthritis. <i>Pediatric Rheumatology</i> , 2007 , 5, 2	3.5	16
132	Antioxidant defense in rat brain after chronic treatment with anorectic drugs. <i>Toxicology Letters</i> , 1995 , 81, 101-5	4.4	16
131	Polymorphisms in genes involved in folate metabolism modify the association of dietary and circulating folate and vitamin B-6 with cervical neoplasia. <i>Journal of Nutrition</i> , 2013 , 143, 2007-14	4.1	15
130	Associations between sleep conditions and body composition states: results of the EPISONO study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 962-973	10.3	14
129	ATP6V0d2 controls Leishmania parasitophorous vacuole biogenesis via cholesterol homeostasis. <i>PLoS Pathogens</i> , 2019 , 15, e1007834	7.6	14
128	Novel GAA mutations in patients with Pompe disease. <i>Gene</i> , 2015 , 561, 124-31	3.8	14
127	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	2.5	14
126	Dyslipidemia in pediatric systemic lupus erythematosus: the relationship with disease activity and plasma homocysteine and cysteine concentrations. <i>Annals of Nutrition and Metabolism</i> , 2013 , 63, 77-82	4.5	14
125	ACE activity is modulated by the enzyme Galactosidase A. <i>Journal of Molecular Medicine</i> , 2011 , 89, 65-74	5.5	14
124	Type of diet modulates the metabolic response to sleep deprivation in rats. <i>Nutrition and Metabolism</i> , 2011 , 8, 86	4.6	14
123	Homocysteine thiolactone induces cardiac dysfunction: role of oxidative stress. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 198-202	3.1	14
122	Effects of gamma-hexachlorocyclohexane and L-3,3',5'-triiodothyronine on rat liver cytochrome P450E1-dependent activity and content in relation to microsomal superoxide radical generation. <i>Biological Research</i> , 2003 , 36, 359-65	7.6	14

121	Paradoxical sleep deprivation impairs mouse survival after infection with malaria parasites. <i>Malaria Journal</i> , 2015 , 14, 183	3.6	13
120	Association of oxidative stress markers and C-reactive protein with multidimensional indexes in COPD. <i>Chronic Respiratory Disease</i> , 2011 , 8, 101-8	3	13
119	Dietary sulfur amino acid restriction upregulates DICER to confer beneficial effects. <i>Molecular Metabolism</i> , 2019 , 29, 124-135	8.8	12
118	Sleep deprivation impairs calcium signaling in mouse splenocytes and leads to a decreased immune response. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1997-2006	4	12
117	Therapeutic and pathogenetic animal models for <i>Dolichos pruriens</i> . <i>Homeopathy</i> , 2006 , 95, 136-43	1.4	12
116	Oxidative stress and quality of life in elderly patients with obstructive sleep apnea syndrome: are there differences after six months of Continuous Positive Airway Pressure treatment?. <i>Clinics</i> , 2012 , 67, 565-72	2.3	12
115	Endothelial function analysis and atherosclerotic risk factors in adolescents with systemic lupus erythematosus. <i>International Journal of Adolescent Medicine and Health</i> , 2007 , 19,	1.1	11
114	Molecular analysis of homocystinuria in Brazilian patients. <i>Clinica Chimica Acta</i> , 2005 , 362, 71-8	6.2	11
113	Screening for inborn errors of metabolism among newborns with metabolic disturbance and/or neurological manifestations without determined cause. <i>Sao Paulo Medical Journal</i> , 2001 , 119, 160-4	1.6	11
112	Central and systemic responses to methionine-induced hyperhomocysteinemia in mice. <i>PLoS ONE</i> , 2014 , 9, e105704	3.7	11
111	Genome-wide association study reveals two novel risk alleles for incident obstructive sleep apnea in the EPISONO cohort. <i>Sleep Medicine</i> , 2020 , 66, 24-32	4.6	11
110	MCH levels in the CSF, brain preproMCH and MCHR1 gene expression during paradoxical sleep deprivation, sleep rebound and chronic sleep restriction. <i>Peptides</i> , 2015 , 74, 9-15	3.8	10
109	Physical activity as a moderator for obstructive sleep apnoea and cardiometabolic risk in the EPISONO study. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	10
108	Mesenchymal stem cells do not prevent antibody responses against human β -iduronidase when used to treat mucopolysaccharidosis type I. <i>PLoS ONE</i> , 2014 , 9, e92420	3.7	10
107	Effect of vitamin B deprivation during pregnancy and lactation on homocysteine metabolism and related metabolites in brain and plasma of mice offspring. <i>PLoS ONE</i> , 2014 , 9, e92683	3.7	10
106	Clinical profile of menopausal insomniac women referred to sleep laboratory. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009 , 88, 422-7	3.8	10
105	Reactive oxygen species in pregnant rats: effects of exercise and thermal stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003 , 135, 89-95	3.2	10
104	Liver necrosis induced by acute intraperitoneal ethanol administration in aged rats. <i>Free Radical Research</i> , 2002 , 36, 269-75	4	10

103	Oxidative stress assessment by glutathione peroxidase activity and glutathione levels in response to selenium supplementation in patients with Mucopolysaccharidosis I, II and VI. <i>Genetics and Molecular Biology</i> , 2019 , 42, 1-8	2	10
102	Mindfulness as a complementary intervention in the treatment of overweight and obesity in primary health care: study protocol for a randomised controlled trial. <i>Trials</i> , 2018 , 19, 277	2.8	9
101	Body composition in patients with classical homocystinuria: body mass relates to homocysteine and choline metabolism. <i>Gene</i> , 2014 , 546, 443-7	3.8	9
100	Homocysteine levels in Takayasu arteritis -- a risk factor for arterial ischemic events. <i>Journal of Rheumatology</i> , 2013 , 40, 303-8	4.1	9
99	Increased MMA concentration and body mass index are associated with spontaneous abortion in Brazilian women: a pilot study. <i>Clinica Chimica Acta</i> , 2010 , 411, 423-7	6.2	9
98	Neonatal arthritis disturbs sleep and behaviour of adult rat offspring and their dams. <i>European Journal of Pain</i> , 2010 , 14, 985-91	3.7	9
97	Effects of paradoxical sleep deprivation and cocaine on genital reflexes in hyperlipidic-fed rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 758-63	3.9	9
96	Effects of isoflavone on oxidative stress parameters and homocysteine in postmenopausal women complaining of insomnia. <i>Biological Research</i> , 2009 , 42,	7.6	9
95	Altered Cellular Homeostasis in Murine MPS I Fibroblasts: Evidence of Cell-Specific Physiopathology. <i>JIMD Reports</i> , 2017 , 36, 109-116	1.9	8
94	SKF 38393 reverses cocaine-conditioned place preference in mice. <i>Neuroscience Letters</i> , 2012 , 513, 214-8,3	3.3	8
93	Evaluation of oxidative stress markers and cardiovascular risk factors in Fabry Disease patients. <i>Genetics and Molecular Biology</i> , 2012 , 35, 418-23	2	8
92	Chitotriosidase determination in plasma and in dried blood spots: a comparison using two different substrates in a microplate assay. <i>Clinica Chimica Acta</i> , 2009 , 406, 86-8	6.2	8
91	Lack of sex and estrous cycle effects on the activity of three antioxidant enzymes in rats. <i>Physiology and Behavior</i> , 1995 , 57, 385-7	3.5	8
90	Correlation between GLA variants and alpha-Galactosidase A profile in dried blood spot: an observational study in Brazilian patients. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 30	4.2	8
89	Analysis of male reproductive parameters in a murine model of mucopolysaccharidosis type I (MPS I). <i>International Journal of Clinical and Experimental Pathology</i> , 2014 , 7, 3488-97	1.4	8
88	Lysosomal integral membrane protein 2 (LIMP-2) restricts the invasion of <i>Trypanosoma cruzi</i> extracellular amastigotes through the activity of the lysosomal enzyme β glucocerebrosidase. <i>Microbes and Infection</i> , 2014 , 16, 253-60	9.3	7
87	Cord blood cardiac troponin I, fetal Doppler velocimetry, and acid base status at birth. <i>International Journal of Gynecology and Obstetrics</i> , 2008 , 100, 136-40	4	7
86	Long-lasting effects of chronic ethanol administration on the activity of antioxidant enzymes. <i>Journal of Biochemical Toxicology</i> , 1994 , 9, 141-3		7

85	Impaired Hematopoiesis and Disrupted Monocyte/Macrophage Homeostasis in Mucopolysaccharidosis Type I Mice. <i>Journal of Cellular Physiology</i> , 2016 , 231, 698-707	7	7
84	Endothelial function analysis and atherosclerotic risk factors in adolescents with systemic lupus erythematosus. <i>International Journal of Adolescent Medicine and Health</i> , 2007 , 19, 497-505	1.1	7
83	Vitamin B is neuroprotective in experimental pneumococcal meningitis through modulation of hippocampal DNA methylation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 96	10.1	6
82	The Challenge of Diagnosis and Indication for Treatment in Fabry Disease. <i>FIRE Forum for International Research in Education</i> , 2017 , 5, 232640981668573	1.4	6
81	βL-iduronidase gene-based therapy using the phiC31 system to treat mucopolysaccharidose type I mice. <i>Journal of Gene Medicine</i> , 2015 , 17, 1-13	3.5	6
80	Genetic and environmental factors associated with vitamin B12 status in Amazonian children. <i>Public Health Nutrition</i> , 2015 , 18, 2202-10	3.3	6
79	Evaluation of βiduronidase in dried blood spots is an accurate tool for mucopolysaccharidosis I diagnosis. <i>Journal of Clinical Laboratory Analysis</i> , 2011 , 25, 251-4	3	6
78	Evaluation of chemiluminescence method for the analysis of plasma homocysteine and comparison with HPLC method in children samples. <i>Einstein (Sao Paulo, Brazil)</i> , 2010 , 8, 187-91	1.2	6
77	Dietary predictors of serum total carotene in low-income women living in Sã Paulo, south-east Brazil. <i>Public Health Nutrition</i> , 2009 , 12, 2133-42	3.3	6
76	The effect of fluorine and homeopathic medicines in rats fed cariogenic diet. <i>Homeopathy</i> , 2004 , 93, 138-43	1.4	6
75	Sleep quality monitoring in individual sports athletes: parameters and definitions by systematic review. <i>Sleep Science</i> , 2020 , 13, 267-285	1.8	6
74	24 bp duplication of CHIT1 gene and determinants of human chitotriosidase activity among participants of EPISONO, a population-based cross-sectional study, Sã Paulo, Brazil. <i>Clinical Biochemistry</i> , 2013 , 46, 1084-1088	3.5	5
73	Cytogenetic biomonitoring in mucopolysaccharosis I, II and IV patients treated with enzyme replacement therapy. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 603-7	3.6	5
72	Higher frequency of paraoxonase gene polymorphism and cardiovascular impairment among Brazilian Fabry Disease patients. <i>Clinical Biochemistry</i> , 2012 , 45, 1459-62	3.5	5
71	Treatment of adult MPSI mouse brains with IDUA-expressing mesenchymal stem cells decreases GAG deposition and improves exploratory behavior. <i>Genetic Vaccines and Therapy</i> , 2012 , 10, 2		5
70	Genomic instability in blood cells from murine model of mucopolysaccharidosis type I. <i>Journal of Molecular Histology</i> , 2011 , 42, 575-8	3.3	5
69	Chitotriosidase deficiency in Brazil: evaluation of enzyme activity and genotypes. <i>Blood Cells, Molecules, and Diseases</i> , 2010 , 44, 305-6	2.1	5
68	Analysis of plasma homocysteine levels in patients with unstable angina. <i>Arquivos Brasileiros De Cardiologia</i> , 2002 , 79, 161-72	1.2	5

67	Effects of Sleep Deprivation on Mice Bone Marrow and Spleen B Lymphopoiesis. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1313-20	7	5
66	ACE Gene Plays a Key Role in Reducing Blood Pressure in The Hyperintensive Elderly After Resistance Training. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 1119-1129	3.2	5
65	Gomez-López-Hernández syndrome: A case report with clinical and molecular evaluation and literature review. <i>American Journal of Medical Genetics, Part A</i> , 2020 , 182, 1761-1766	2.5	5
64	Cathepsin B-associated Activation of Amyloidogenic Pathway in Murine Mucopolysaccharidosis Type I Brain Cortex. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
63	Evidence that glycosaminoglycan storage and collagen deposition in the cauda epididymidis does not impair sperm viability in the Mucopolysaccharidosis type I mouse model. <i>Reproduction, Fertility and Development</i> , 2020 , 32, 304-312	1.8	4
62	Tryptophan overloading activates brain regions involved with cognition, mood and anxiety. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 273-283	1.4	4
61	Does phase angle correlate with hyperhomocysteinemia? A study of patients with classical homocystinuria. <i>Clinical Nutrition</i> , 2013 , 32, 479-80	5.9	4
60	Serum homocysteine and cysteine levels and changes in the lipid profile of children and adolescents over a 12-month follow-up period. <i>Clinical Nutrition ESPEN</i> , 2017 , 21, 13-19	1.3	4
59	Leptin concentrations and SCD-1 indices in classical homocystinuria: Evidence for the role of sulfur amino acids in the regulation of lipid metabolism. <i>Clinica Chimica Acta</i> , 2017 , 473, 82-88	6.2	4
58	Angiotensin I-converting enzyme (ACE) activity and expression in rat central nervous system after sleep deprivation. <i>Biological Chemistry</i> , 2011 , 392, 547-53	4.5	4
57	Chronic fenfluramine treatment of rats with different ages: effects on brain oxidative stress-related parameters. <i>Journal of Biochemical Toxicology</i> , 1996 , 11, 197-201		4
56	The Underexploited Role of Non-Coding RNAs in Lysosomal Storage Diseases. <i>Frontiers in Endocrinology</i> , 2016 , 7, 133	5.7	4
55	Differential expression of microRNAs from miR-17 family in the cerebellum of mucopolysaccharidosis type I mice. <i>Gene</i> , 2016 , 595, 207-211	3.8	4
54	Sexual behaviour in a murine model of mucopolysaccharidosis type I (MPS I). <i>PLoS ONE</i> , 2019 , 14, e0220429	4.7	4
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