Jacqueline I Alvarez-Leite

List of Publications by Year
in descending order

122	5,058	134610	107981
papers	citations	34 h-index	68 g-index

125	125	125	8963
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunoinflammatory role of apolipoprotein E4 in malnutrition and enteric infections and the increased risk for chronic diseases under adverse environments. Nutrition Reviews, 2022, 80, 1001-1012.	2.6	5
2	Bifidobacterium longum subsp. longum 51A attenuates intestinal injury against irinotecan-induced mucositis in mice. Life Sciences, 2022, 289, 120243.	2.0	14
3	Protease-activated receptor 2 enhances innate and inflammatory mechanisms induced by lipopolysaccharide in macrophages from C57BL/6 mice. Inflammation Research, 2022, 71, 439-448.	1.6	2
4	Helminth infection modulates number and function of adipose tissue Tregs in high fat diet-induced obesity. PLoS Neglected Tropical Diseases, 2022, 16, e0010105.	1.3	3
5	OxLDL induces membrane structure rearrangement leading to biomechanics alteration and migration deficiency in macrophage. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183951.	1.4	6
6	Oral methylmercury intoxication aggravates cardiovascular risk factors and accelerates atherosclerosis lesion development in ApoE knockout and C57BL/6 mice. Toxicological Research, 2021, 37, 311-321.	1.1	6
7	Prophylactic and therapeutic supplementation using fructo-oligosaccharide improves the intestinal homeostasis after mucositis induced by 5- fluorouracil. Biomedicine and Pharmacotherapy, 2021, 133, 111012.	2.5	18
8	The Transition From Undernutrition to Overnutrition Under Adverse Environments and Poverty: The Risk for Chronic Diseases. Frontiers in Nutrition, 2021, 8, 676044.	1.6	15
9	Eating in the Amazon: Nutritional Status of the Riverine Populations and Possible Nudge Interventions. Foods, 2021, 10, 1015.	1.9	14
10	Signaling Targets Related to Antiobesity Effects of Capsaicin: A Scoping Review. Advances in Nutrition, 2021, 12, 2232-2243.	2.9	6
11	Lipid profile and nutritional status of a pediatric population with sickle cell anemia: differences between gender and association with severity markers. Research, Society and Development, 2021, 10, e344101018934.	0.0	0
12	Living in the Southern Hemisphere: Metabolic Syndrome and Its Components in Amazonian Riverine Populations. Journal of Clinical Medicine, 2021, 10, 3630.	1.0	8
13	Melatonin administration attenuates acute stress by inducing sleep state in zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 246, 109044.	1.3	7
14	Methylmercury chronic exposure affects the expression of DNA single-strand break repair genes, induces oxidative stress, and chromosomal abnormalities in young dyslipidemic APOE knockout mice. Toxicology, 2021, 464, 152992.	2.0	7
15	OxLDL alterations in endothelial cell membrane dynamics leads to changes in vesicle trafficking and increases cell susceptibility to injury. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183139.	1.4	13
16	Gluten exacerbates atherosclerotic plaque formation in ApoE mice with diet-induced obesity. Nutrition, 2020, 75-76, 110658.	1.1	8
17	Inconsistent effects of gluten on obesity: is there a role for the haptoglobin isoforms?. Clinical Nutrition ESPEN, 2020, 40, 269-276.	0.5	4
18	Appetite control: hormones or diet strategies?. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 328-335.	1.3	18

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19	Pollutants and nutrition: Are methylmercury effects on blood pressure and lipoprotein profile comparable to high-fat diet in mice?. Ecotoxicology and Environmental Safety, 2020, 204, 111036.	2.9	8
20	Methylmercury Interactions With Gut Microbiota and Potential Modulation of Neurogenic Niches in the Brain. Frontiers in Neuroscience, 2020, 14, 576543.	1.4	8
21	Obesity: More Than an Inflammatory, an Infectious Disease?. Frontiers in Immunology, 2020, 10, 3092.	2.2	21
22	NÃveis Elevados de Netrina-1 e IL-1Î² em Mulheres Idosas com SCA: Pior PrognÃ³stico no Acompanhamento de Dois Anos. Arquivos Brasileiros De Cardiologia, 2020, 114, 507-514.	0.3	4
23	<scp>d</scp>-Limonene Ameliorates Myocardial Infarction Injury by Reducing Reactive Oxygen Species and Cell Apoptosis in a Murine Model. Journal of Natural Products, 2019, 82, 3010-3019.	1.5	18
24	Antiobesity effects of anthocyanins on mitochondrial biogenesis, inflammation, and oxidative stress: A systematic review. Nutrition, 2019, 66, 192-202.	1.1	53
25	Treatment with selenium-enriched Saccharomyces cerevisiae UFMG A-905 partially ameliorates mucositis induced by 5-fluorouracil in mice. Cancer Chemotherapy and Pharmacology, 2019, 84, 117-126.	1.1	26
26	The prognostic value of nitrotyrosine levels in coronary heart disease: long-term evaluation in the Acute Coronary Syndrome Registry Strategy (ERICO study). Clinical Biochemistry, 2019, 66, 37-43.	0.8	8
27	Wheat gluten intake increases the severity of experimental colitis and bacterial translocation by weakening of the proteins of the junctional complex. British Journal of Nutrition, 2019, 121, 361-373.	1.2	15
28	Low serum levels of CCL2 are associated with worse prognosis in patients with Acute Coronary Syndrome: 2-year survival analysis. Biomedicine and Pharmacotherapy, 2019, 109, 1411-1416.	2.5	4
29	Is the association between vitamin D, adiponectin, and insulin resistance present in normal weight or obese? AÂpilot study. Clinical Nutrition Experimental, 2019, 23, 80-88.	2.0	4
30	Apolipoprotein E, periodontal disease and the risk for atherosclerosis: a review. Archives of Oral Biology, 2019, 98, 204-212.	0.8	18
31	Capsaicin: A Potential Therapy Adjuvant for Intestinal Bowel Disease. Journal of Digestive Disorders and Diagnosis, 2019, 2, 8-16.	1.0	5
32	Fucoidans as a Potential Nutraceutical in Combating Atherosclerotic Cardiovascular Diseases. Biomedical Journal of Scientific & Technical Research, 2019, 21, .	0.0	2
33	Sodium butyrate modulates adipocyte expansion, adipogenesis, and insulin receptor signaling by upregulation of PPAR-Î³ in obese Apo E knockout mice. Nutrition, 2018, 47, 75-82.	1.1	40
34	Consumption of conjugated linoleic acid (CLA)-supplemented diet during colitis development ameliorates gut inflammation without causing steatosis in mice. Journal of Nutritional Biochemistry, 2018, 57, 238-245.	1.9	5
35	The polymorphism rs17782313 near MC4R gene is related with anthropometric changes in women submitted to bariatric surgery over 60 months. Clinical Nutrition, 2018, 37, 1286-1292.	2.3	19
36	Dietary inflammatory index is associated with lymphocytes after bariatric surgery. Clinical Nutrition, 2018, 37, S39.	2.3	0

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37	Gluten intake increases bacterial translocation and aggravates intestinal inflammation in experimental colitis. Clinical Nutrition, 2018, 37, S69.	2.3	2
38	Myeloperoxidase activity and acute coronary syndrome survival: long-term evaluation in the ERICO study. Biomarkers in Medicine, 2018, 12, 1219-1229.	0.6	1
39	Pretreatment and treatment with fructo-oligosaccharides attenuate intestinal mucositis induced by 5-FU in mice. Journal of Functional Foods, 2018, 49, 485-492.	1.6	31
40	In the Heart of the Amazon: Noncommunicable Diseases and Apolipoprotein E4 Genotype in the Riverine Population. International Journal of Environmental Research and Public Health, 2018, 15, 1957.	1.2	17
41	Effect of methylmercury intoxication on blood pressure and lipid profile in mice fed with high fat diet. Clinical Nutrition, 2018, 37, S99-S100.	2.3	0
42	Proresolving protein Annexin A1: The role in type 2 diabetes mellitus and obesity. Biomedicine and Pharmacotherapy, 2018, 103, 482-489.	2.5	24
43	Genetic Susceptibility to Neurodegeneration in Amazon: Apolipoprotein E Genotyping in Vulnerable Populations Exposed to Mercury. Frontiers in Genetics, 2018, 9, 285.	1.1	36
44	Conjugated linoleic acid prevents damage caused by intestinal mucositis induced by 5-fluorouracil in an experimental model. Biomedicine and Pharmacotherapy, 2018, 103, 1567-1576.	2.5	37
45	Diet With Wheat Gluten Exacerbates the Effects of Colitis In Experimental Model. International Journal of Nutrology, 2018, 11, .	0.0	0
46	Methylmercury Intoxication Exacerbates Hyperlidemia And Reduces Paraoxonase Activity in Mice Fed with High-Fat Diet. , 2018, 11, .		0
47	Topical Application of Capsaicin Reduces Weight, Loss Allergen Aversion and Intestinal Mucosa Inflammation in A Food Allergy Experimental Model. Biomedical Journal of Scientific & Technical Research, 2018, 10, .	0.0	1
48	Intestinal toxicity evaluation of long-circulating and pH-sensitive liposomes loaded with cisplatin. European Journal of Pharmaceutical Sciences, 2017, 106, 142-151.	1.9	20
49	nNOS uncoupling by oxidized LDL: Implications in atherosclerosis. Free Radical Biology and Medicine, 2017, 113, 335-346.	1.3	8
50	Arginine Supplementation Induces Arginase Activity and Inhibits TNF-Î± Synthesis in Mice Spleen Macrophages After Intestinal Obstruction. Journal of Parenteral and Enteral Nutrition, 2016, 40, 417-422.	1.3	12
51	Oral butyrate reduces oxidative stress in atherosclerotic lesion sites by a mechanism involving NADPH oxidase down-regulation in endothelial cells. Journal of Nutritional Biochemistry, 2016, 34, 99-105.	1.9	85
52	Prolonged maternal separation induces undernutrition and systemic inflammation with disrupted hippocampal development in mice. Nutrition, 2016, 32, 1019-1027.	1.1	28
53	Improvement of the liver pathology by the aqueous extract and the n-butanol fraction of Sida pilosa Retz in Schistosoma mansoni-infected mice. Journal of Ethnopharmacology, 2016, 180, 114-123.	2.0	11
54	Wheat gluten intake increases weight gain and adiposity associated with reduced thermogenesis and energy expenditure in an animal model of obesity. International Journal of Obesity, 2016, 40, 479-486.	1.6	30

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55	Pretreatment With Lâ€Citrulline Positively Affects the Mucosal Architecture and Permeability of the Small Intestine in a Murine Mucositis Model. Journal of Parenteral and Enteral Nutrition, 2016, 40, 279-286.	1.3	24
56	Systemic administration of a nanoemulsion with tributyrin reduces inflammation in experimental colitis. European Journal of Lipid Science and Technology, 2016, 118, 157-164.	1.0	2
57	SUN-LB037: Gluten-Free Diet Reduces Cardiovascular Risk Factors and Atherosclerosis Development in ApoE KO Mice. Clinical Nutrition, 2015, 34, S248.	2.3	1
58	L-Arginine Pretreatment Reduces Intestinal Mucositis as Induced by 5-FU in Mice. Nutrition and Cancer, 2015, 67, 486-493.	0.9	39
59	A single FTO gene variant rs9939609 is associated with body weight evolution in a multiethnic extremely obese population that underwent bariatric surgery. Nutrition, 2015, 31, 1344-1350.	1.1	33
60	Combination of Azathioprine and Aminosalicylate Treatment Prevent Risk of Cardiovascular Disease in Women with Ulcerative Colitis by Reducing Inflammation. Medical Science Monitor, 2015, 21, 2305-2315.	0.5	7
61	Absorption and Biodistribution of Wheat Gluten Radiolabeled with Technetium (99m Tc) in Blood, Liver and Visceral Adipose Tissue of Mice Fed on Glutenâ€supplemented Diets. FASEB Journal, 2015, 29, 606.15.	0.2	0
62	Low-Grade Inflammation, Obesity, and Diabetes. Current Obesity Reports, 2014, 3, 422-431.	3.5	144
63	Evaluation of Biochemical, Hematological and Parasitological Parameters of Protein-Deficient Hamsters Infected with Ancylostoma ceylanicum. PLoS Neglected Tropical Diseases, 2014, 8, e3184.	1.3	10
64	Modulation of adipose tissue inflammation by FOXP3+ Treg cells, IL-10, and TGF-Î² in metabolically healthy class III obese individuals. Nutrition, 2014, 30, 784-790.	1.1	60
65	Butyrate impairs atherogenesis by reducing plaque inflammation and vulnerability and decreasing NFÎºB activation. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 606-613.	1.1	191
66	Oral Angiotensin-(1â€“7) prevented obesity and hepatic inflammation by inhibition of resistin/TLR4/MAPK/NF-ÎºB in rats fed with high-fat diet. Peptides, 2013, 46, 47-52.	1.2	114
67	Gluten-free diet reduces adiposity, inflammation and insulin resistance associated with the induction of PPAR-alpha and PPAR-gamma expression. Journal of Nutritional Biochemistry, 2013, 24, 1105-1111.	1.9	86
68	Endothelial Expression of Guidance Cues in Vessel Wall Homeostasis Dysregulation Under Proatherosclerotic Conditions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 911-919.	1.1	89
69	Mas receptor deficiency is associated with worsening of lipid profile and severe hepatic steatosis in ApoE-knockout mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1323-R1330.	0.9	28
70	Antioxidative and immunomodulatory effects of tributyrin supplementation on experimental colitis. British Journal of Nutrition, 2013, 109, 1396-1407.	1.2	52
71	Reciprocal Interference of Experimental Dyslipidemia and Food Allergy in the Evolution of Both Diseases. ISRN Allergy, 2013, 2013, 1-7.	3.1	0
72	The Role of Lâ€Arginine and Inducible Nitric Oxide Synthase in Intestinal Permeability and Bacterial Translocation. Journal of Parenteral and Enteral Nutrition, 2013, 37, 392-400.	1.3	29

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73	Butyrate. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 474-479.	1.3	315
74	Dietary Supplementation with Omega-3-PUFA-Rich Fish Oil Reduces Signs of Food Allergy in Ovalbumin-Sensitized Mice. Clinical and Developmental Immunology, 2012, 2012, 1-9.	3.3	47
75	The neuroimmune guidance cue netrin-1 promotes atherosclerosis by inhibiting the emigration of macrophages from plaques. Nature Immunology, 2012, 13, 136-143.	7.0	280
76	Increased circulating angiotensin-(1â€“7) protects white adipose tissue against development of a proinflammatory state stimulated by a high-fat diet. Regulatory Peptides, 2012, 178, 64-70.	1.9	73
77	Role of Bariatric-Metabolic Surgery in the Treatment of Obese Type 2 Diabetes with Body Mass Index <35â€‰kg/m²: A Literature Review. Diabetes Technology and Therapeutics, 2012, 14, 365-372.	2.4	82
78	Pro-inflammatory effects of the mushroom Agaricus blazei and its consequences on atherosclerosis development. European Journal of Nutrition, 2012, 51, 927-937.	1.8	25
79	Paradoxical effect of a pequi oil-rich diet on the development of atherosclerosis: balance between antioxidant and hyperlipidemic properties. Brazilian Journal of Medical and Biological Research, 2012, 45, 601-609.	0.7	28
80	Oral Supplementation of Butyrate Reduces Mucositis and Intestinal Permeability Associated with 5â€Fluorouracil Administration. Lipids, 2012, 47, 669-678.	0.7	119
81	Differences in adipose tissue inflammation and oxidative status in C57BL/6 and ApoEâ¯/â¯ mice fed high fat diet. Animal Science Journal, 2012, 83, 549-555.	0.6	30
82	Oral administration of sodium butyrate attenuates inflammation and mucosal lesion in experimental acute ulcerative colitis. Journal of Nutritional Biochemistry, 2012, 23, 430-436.	1.9	232
83	Food quality, physical activity, and nutritional follow-up as determinant of weight regain after Roux-en-Y gastric bypass. Nutrition, 2012, 28, 53-58.	1.1	178
84	Obesity with no metabolic syndrome and adipose tissue expansion based solely on risk factors and inflammatory marker of coronary heart disease in premenopausal women. Archivos Latinoamericanos De Nutricion, 2012, 62, 267-74.	0.3	0
85	Association of Apoliprotein E polymorphisms and metabolic syndrome in subjects with extreme obesity. Clinica Chimica Acta, 2011, 412, 1559-1562.	0.5	20
86	Splenectomy Increases Atherosclerotic Lesions in Apolipoprotein E Deficient Mice. Journal of Surgical Research, 2011, 171, e231-e236.	0.8	27
87	Decreased production of neuronal NOSâ€derived hydrogen peroxide contributes to endothelial dysfunction in atherosclerosis. British Journal of Pharmacology, 2011, 164, 1738-1748.	2.7	57
88	The combination of high-fat diet-induced obesity and chronic ulcerative colitis reciprocally exacerbates adipose tissue and colon inflammation. Lipids in Health and Disease, 2011, 10, 204.	1.2	80
89	Effect of different oils in diets for finishing pigs: performance, carcass traits and fatty acid profile of the meat. Animal Production Science, 2010, 50, 863.	0.6	6
90	The flavonoid dioclein reduces the production of pro-inflammatory mediators in vitro by inhibiting PDE4 activity and scavenging reactive oxygen species. European Journal of Pharmacology, 2010, 633, 85-92.	1.7	13

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91	Host cholesterol and inflammation as common key regulators of toxoplasmosis and artherosclerosis development. Expert Review of Anti-Infective Therapy, 2009, 7, 807-819.	2.0	15
92	Loss of SR-A and CD36 Activity Reduces Atherosclerotic Lesion Complexity Without Abrogating Foam Cell Formation in Hyperlipidemic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 19-26.	1.1	216
93	Oral administration of sodium butyrate reduces chemically-induced preneoplastic lesions in experimental carcinogenesis. Revista De Nutricao, 2009, 22, 717-725.	0.4	2
94	Influence of low-density lipoprotein (LDL) receptor on lipid composition, inflammation and parasitism during Toxoplasma gondii infection. Microbes and Infection, 2008, 10, 276-284.	1.0	50
95	Mas Deficiency in FVB/N Mice Produces Marked Changes in Lipid and Glycemic Metabolism. Diabetes, 2008, 57, 340-347.	0.3	219
96	Shrimp diet and skin healing strength in rats. Revista De Nutricao, 2007, 20, 257-263.	0.4	1
97	MyD88-dependent activation of dendritic cells and CD4+ T lymphocytes mediates symptoms, but is not required for the immunological control of parasites during rodent malaria. Microbes and Infection, 2007, 9, 881-890.	1.0	60
98	Physicochemical study of floranol, its copper(II) and iron(III) complexes, and their inhibitory effect on LDL oxidation. Journal of Inorganic Biochemistry, 2007, 101, 935-943.	1.5	45
99	Vitamin E deficiency enhances pathology in acute Trypanosoma cruzi-infected rats. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2006, 100, 1025-1031.	0.7	23
100	Effect of Lactobacillus delbrueckii on cholesterol metabolism in germ-free mice and on atherogenesis in apolipoprotein E knock-out mice. Brazilian Journal of Medical and Biological Research, 2006, 39, 629-635.	0.7	22
101	Bacteria recovered from dental pulp induce apoptosis of lymph node cells. Journal of Medical Microbiology, 2005, 54, 413-416.	0.7	12
102	A model of chronic IgE-mediated food allergy in ovalbumin-sensitized mice. Brazilian Journal of Medical and Biological Research, 2004, 37, 809-816.	0.7	57
103	Butyrate Increases Apoptosis Induced by Different Antineoplastic Drugs in Monocytic Leukemia Cells. Chemotherapy, 2004, 50, 221-228.	0.8	17
104	Infection with Toxoplasma gondii Increases Atherosclerotic Lesion in ApoE-Deficient Mice. Infection and Immunity, 2004, 72, 3571-3576.	1.0	33
105	Impaired Production of Proinflammatory Cytokines and Host Resistance to Acute Infection withTrypanosoma cruziin Mice Lacking Functional Myeloid Differentiation Factor 88. Journal of Immunology, 2004, 172, 1711-1718.	0.4	171
106	Effects of eggplant (Solanum melongena) on the atherogenesis and oxidative stress in LDL receptor knock out mice (LDLRâ¯/â¯). Food and Chemical Toxicology, 2004, 42, 1259-1267.	1.8	16
107	Nutrient deficiencies secondary to bariatric surgery. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 569-575.	1.3	272
108	Endothelium dysfunction in LDL receptor knockout mice: a role for H2 O2. British Journal of Pharmacology, 2003, 138, 1215-1220.	2.7	37

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109	Apoptosis induced by butyrate is independent of Jak/STAT signaling in a fibrosarcoma cell line. Biochemical and Biophysical Research Communications, 2003, 301, 968-973.	1.0	4
110	Inhibition of ERK1/2 and CREB phosphorylation by caspase-dependent mechanism enhances apoptosis in a fibrosarcoma cell line treated with butyrate. Biochemical and Biophysical Research Communications, 2003, 303, 968-972.	1.0	10
111	Stimulation by food proteins plays a critical role in the maturation of the immune system. International Immunology, 2003, 15, 447-455.	1.8	102
112	Monocyte chemoattractant protein-1 involvement in the Î±-tocopherol-induced reduction of atherosclerotic lesions in apolipoprotein E knockout mice. British Journal of Nutrition, 2003, 90, 3-11.	1.2	18
113	Expression of Indoleamine 2,3-Dioxygenase, Tryptophan Degradation, and Kynurenine Formation during In Vivo Infection with Toxoplasma gondii : Induction by Endogenous Gamma Interferon and Requirement of Interferon Regulatory Factor 1. Infection and Immunity, 2002, 70, 859-868.	1.0	184
114	Butyrate induces apoptosis in murine macrophages via caspase-3, but independent of autocrine synthesis of tumor necrosis factor and nitric oxide. Brazilian Journal of Medical and Biological Research, 2002, 35, 161-173.	0.7	24
115	Toxoplasma gondii: in vivo expression of BAG-5 and cyst formation is independent of TNF p55 receptor and inducible nitric oxide synthase functions. Microbes and Infection, 2002, 4, 261-270.	1.0	24
116	Gelatin intake increases the atheroma formation in apoE knock out mice. Atherosclerosis, 2001, 154, 71-77.	0.4	12
117	Eggplant (Solanum melongena) infusion has a modest and transitory effect on hypercholesterolemic subjects. Brazilian Journal of Medical and Biological Research, 2000, 33, 1027-1036.	0.7	64
118	Protection by Short-Chain Fatty Acids against 1-Î²- <scp>d</scp> -Arabinofuranosylcytosine-Induced Intestinal Lesions in Germfree Mice. Antimicrobial Agents and Chemotherapy, 1999, 43, 950-953.	1.4	10
119	Oral administration of shortâ€chain fatty acids reduces the intestinal mucositis caused by treatment with Araâ€C in mice fed commercial or elemental diets. Nutrition and Cancer, 1997, 28, 212-217.	0.9	29
120	Adipokines: biological functions and metabolically healthy obese profile. Journal of Receptor, Ligand and Channel Research, 0, , 15.	0.7	27
121	Sperm cryopreservation of Prochilodus lineatus throughout the same reproductive season. Aquaculture Research, 0, , .	0.9	5
122	Controle NeuroendÃ³crino da Saciedade. , 0, , 389-410.		0