

Javier Caballero-Villarraso

List of Publications by Year in descending order

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56
papers

941
citations

567281

15
h-index

501196

28
g-index

66
all docs

66
docs citations

66
times ranked

1771
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms Involved in Neuroprotective Effects of Transcranial Magnetic Stimulation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 557-573.	1.4	3
2	Hypoxia preconditioning increases the ability of healthy but not diabetic rat-derived adipose stromal/stem cells (ASC) to improve histological lesions of streptozotocin-induced diabetic nephropathy. <i>Pathology Research and Practice</i> , 2022, 230, 153756.	2.3	4
3	Development of a High-Throughput Calcium Mobilization Assay for CCR6 Receptor Coupled to Hydrolase Activity Readout. <i>Biomedicines</i> , 2022, 10, 422.	3.2	3
4	Superiority of a Novel Multifunctional Amorphous Hydrogel Containing <i>Olea europaea</i> Leaf Extract (EHO-85) for the Treatment of Skin Ulcers: A Randomized, Active-Controlled Clinical Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 1260.	2.4	10
5	An Entropy Approach to Multiple Sclerosis Identification. <i>Journal of Personalized Medicine</i> , 2022, 12, 398.	2.5	1
6	Lactose and Casein Cause Changes on Biomarkers of Oxidative Damage and Dysbiosis in an Experimental Model of Multiple Sclerosis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 680-692.	1.4	5
7	Neural Network Aided Detection of Huntington Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 2110.	2.4	4
8	Melatonin and multiple sclerosis: antioxidant, anti-inflammatory and immunomodulator mechanism of action. <i>Inflammopharmacology</i> , 2022, 30, 1569-1596.	3.9	22
9	Hormone replacement therapy in children with growth hormone deficiency: impact on immune profile. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 245-249.	2.1	3
10	Gene and cell therapy and nanomedicine for the treatment of multiple sclerosis: bibliometric analysis and systematic review of clinical outcomes. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 431-441.	2.8	5
11	Evaluation of the gut microbiota after metformin intervention in children with obesity: A metagenomic study of a randomized controlled trial. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111117.	5.6	7
12	Alzheimer Identification through DNA Methylation and Artificial Intelligence Techniques. <i>Mathematics</i> , 2021, 9, 2482.	2.2	4
13	Evolution of Metabolic Phenotypes of Obesity in Coronary Patients after 5 Years of Dietary Intervention: From the CORDIOPREV Study. <i>Nutrients</i> , 2021, 13, 4046.	4.1	3
14	Gut microbiota, innate immune pathways, and inflammatory control mechanisms in patients with major depressive disorder. <i>Translational Psychiatry</i> , 2021, 11, 645.	4.8	34
15	Impact of Repetitive Transcranial Magnetic Stimulation on Neurocognition and Oxidative Stress in Relapsing-Remitting Multiple Sclerosis: A Case Report. <i>Frontiers in Neurology</i> , 2020, 11, 817.	2.4	10
16	Clinical and Neurochemical Effects of Transcranial Magnetic Stimulation (TMS) in Multiple Sclerosis: A Study Protocol for a Randomized Clinical Trial. <i>Frontiers in Neurology</i> , 2020, 11, 750.	2.4	5
17	Hemodiafiltration with ultrafiltrate regeneration reduces free light chains without albumin loss in multiple myeloma patients. <i>BMC Nephrology</i> , 2020, 21, 227.	1.8	8
18	Postprandial Lipemia Modulates Pancreatic Alpha-Cell Function in the Prediction of Type 2 Diabetes Development: The CORDIOPREV Study. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1266-1275.	5.2	4

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19	Extra-Virgin Olive Oil Modifies the Changes Induced in Non-Nervous Organs and Tissues by Experimental Autoimmune Encephalomyelitis Models. <i>Nutrients</i> , 2019, 11, 2448.	4.1	16
20	Common Variants in 22 Genes Regulate Response to Metformin Intervention in Children with Obesity: A Pharmacogenetic Study of a Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 1471.	2.4	4
21	Preparando el escenario para dejar de fumar en el paciente con Trastorno Bipolar: intervenci3n breve en la pr3ctica cl3nica. <i>Revista De Psicología De La Salud</i> , 2019, 31, 136.	0.5	7
22	Bevacizumab Allows Preservation of Liver Function and its Regenerative Capacity after Major Hepatectomy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1388-1398.	1.7	3
23	Implications of Vitamin D in Multiple Sclerosis and Other Neurodegenerative Processes: Bibliometric Analysis and Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 478-490.	1.4	10
24	Effects and Therapeutic Use of TMS in Psychiatric Disorders: An Evidence-Based Review. <i>Neuropsychiatry</i> , 2019, 09, .	0.4	1
25	Neuroprotective effect of S-allyl cysteine on an experimental model of multiple sclerosis: Antioxidant effects. <i>Journal of Functional Foods</i> , 2018, 42, 281-288.	3.4	8
26	Identification of candidate serum biomarkers of childhood-onset growth hormone deficiency using SWATH-MS and feature selection. <i>Journal of Proteomics</i> , 2018, 175, 105-113.	2.4	14
27	High Serum Retinol as a Relevant Contributor to Low Bone Mineral Density in Postmenopausal Osteoporotic Women. <i>Calcified Tissue International</i> , 2018, 102, 651-656.	3.1	13
28	Retroperitoneal gastric duplication mimicking a prenatal adrenal cyst. <i>Congenital Anomalies (discontinued)</i> , 2018, 58, 141-142.	0.6	8
29	Comparative of transcranial magnetic stimulation and other treatments in experimental autoimmune encephalomyelitis. <i>Brain Research Bulletin</i> , 2018, 137, 140-145.	3.0	16
30	Short-Term Evaluation of Left Ventricular Mass and Function in Children With Growth Hormone Deficiency After Replacement Treatment. <i>Frontiers in Pediatrics</i> , 2018, 6, 174.	1.9	3
31	Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 146-157.	5.1	80
32	Interrelationships Among Gut Microbiota and Host: Paradigms, Role in Neurodegenerative Diseases and Future Prospects. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 945-964.	1.4	17
33	Metformin for Obesity in Prepubertal and Pubertal Children: A Randomized Controlled Trial. <i>Pediatrics</i> , 2017, 140, .	2.1	52
34	Is There a Role for Metformin in the Treatment of Childhood Obesity?. <i>Pediatrics</i> , 2017, 140, .	2.1	9
35	Dose-dependent S-allyl cysteine ameliorates multiple sclerosis disease-related pathology by reducing oxidative stress and biomarkers of dysbiosis in experimental autoimmune encephalomyelitis. <i>European Journal of Pharmacology</i> , 2017, 815, 266-273.	3.5	14
36	An iron-deficient diet during development induces oxidative stress in relation to age and gender in Wistar rats. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 99-110.	3.0	13

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37	Evaluation of differential effects of metformin treatment in obese children according to pubertal stage and genetic variations: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 323.	1.6	6
38	Cauda equina syndrome in elderly patient. <i>European Geriatric Medicine</i> , 2016, 7, 459-461.	2.8	0
39	A dysregulation of glucose metabolism control is associated with carotid atherosclerosis in patients with coronary heart disease (CORDIOPREV-DIAB study). <i>Atherosclerosis</i> , 2016, 253, 178-185.	0.8	14
40	Diagnostic screening for subclinical celiac disease using a rapid test in children aged 2-4. <i>Pediatric Research</i> , 2015, 78, 280-285.	2.3	18
41	Hypertriglyceridemia Influences the Degree of Postprandial Lipemic Response in Patients with Metabolic Syndrome and Coronary Artery Disease: From the Cordioprev Study. <i>PLoS ONE</i> , 2014, 9, e96297.	2.5	25
42	Beneficial effects of growth hormone therapy for ossification defects after bone distraction in X linked hypophosphataemic rickets. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013203069-bcr2013203069.	0.5	2
43	Impact of an acute bout of vibration on muscle contractile properties, creatine kinase and lactate dehydrogenase response. <i>European Journal of Sport Science</i> , 2013, 13, 666-673.	2.7	8
44	Vitamin D status and the Cdx-2 polymorphism of the vitamin D receptor gene are determining factors of bone mineral density in young healthy postmenopausal women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 187-189.	2.5	18
45	Lipid metabolism after an oral fat test meal is affected by age-associated features of metabolic syndrome, but not by age. <i>Atherosclerosis</i> , 2013, 226, 258-262.	0.8	15
46	Effectiveness of haemodiafiltration with ultrafiltrate regeneration in the reduction of light chains in multiple myeloma with renal failure. <i>Nefrologia</i> , 2013, 33, 788-96.	0.4	9
47	Moderate-to-high-intensity training and a hypocaloric Mediterranean diet enhance endothelial progenitor cells and fitness in subjects with the metabolic syndrome. <i>Clinical Science</i> , 2012, 123, 361-373.	4.3	67
48	A variant near the melanocortin-4 receptor gene regulates postprandial lipid metabolism in a healthy Caucasian population. <i>British Journal of Nutrition</i> , 2011, 106, 468-471.	2.3	11
49	Polymorphism at the TRIB1 gene modulates plasma lipid levels: Insight from the Spanish familial hypercholesterolemia cohort study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 957-963.	2.6	16
50	NOS3 Glu298Asp Polymorphism Interacts with Virgin Olive Oil Phenols to Determine the Postprandial Endothelial Function in Patients with the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1694-E1702.	3.6	24
51	Pre-exercise Intake of Different Carbohydrates Modifies Ischemic Reactive Hyperemia After a Session of Anaerobic, But Not After Aerobic Exercise. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1623-1632.	2.1	3
52	Fructose modifies the hormonal response and modulates lipid metabolism during aerobic exercise after glucose supplementation. <i>Clinical Science</i> , 2009, 116, 137-145.	4.3	6
53	Basal plasma concentrations of plant sterols can predict LDL-C response to sitosterol in patients with familial hypercholesterolemia. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 495-501.	2.9	30
54	Cryopreserved human bone marrow mononuclear cells as a source of mesenchymal stromal cells: application in osteoporosis research. <i>Cytotherapy</i> , 2008, 10, 460-468.	0.7	38

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55	Chronic effects of a high-fat diet enriched with virgin olive oil and a low-fat diet enriched with $\hat{\pm}$ -linolenic acid on postprandial endothelial function in healthy men. <i>British Journal of Nutrition</i> , 2008, 100, 159-165.	2.3	96
56	Intake of phenol-rich virgin olive oil improves the postprandial prothrombotic profile in hypercholesterolemic patients. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 341-346.	4.7	87