

# Ligia Juliana Domnguez

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7883011/ligia-juliana-dominguez-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101  
papers

3,026  
citations

28  
h-index

53  
g-index

114  
ext. papers

3,626  
ext. citations

4.6  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
101	Role of magnesium in insulin action, diabetes and cardio-metabolic syndrome X. <i>Molecular Aspects of Medicine</i> , <b>2003</b> , 24, 39-52	16.7	295
100	Magnesium metabolism in type 2 diabetes mellitus, metabolic syndrome and insulin resistance. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 458, 40-7	4.1	233
99	The cardiometabolic syndrome and sarcopenic obesity in older persons. <i>Journal of the Cardiometabolic Syndrome</i> , <b>2007</b> , 2, 183-9		126
98	Magnesium homeostasis and aging. <i>Magnesium Research</i> , <b>2009</b> , 22, 235-46	1.7	118
97	Mediterranean diet and mobility decline in older persons. <i>Experimental Gerontology</i> , <b>2011</b> , 46, 303-8	4.5	108
96	Vascular Effects of Progesterone : Role of Cellular Calcium Regulation. <i>Hypertension</i> , <b>2001</b> , 37, 142-147	8.5	105
95	Magnesium and type 2 diabetes. <i>World Journal of Diabetes</i> , <b>2015</b> , 6, 1152-7	4.7	103
94	Magnesium and muscle performance in older persons: the InCHIANTI study. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 84, 419-26	7	92
93	Extra virgin olive oil improves learning and memory in SAMP8 mice. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 28, 81-92	4.3	91
92	Magnesium and muscle performance in older persons: the InCHIANTI study. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 84, 419-426	7	88
91	Effects of vitamin E and glutathione on glucose metabolism: role of magnesium. <i>Hypertension</i> , <b>1999</b> , 34, 1002-6	8.5	87
90	Olive oil consumption and risk of CHD and/or stroke: a meta-analysis of case-control, cohort and intervention studies. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 248-59	3.6	79
89	Serum ionized magnesium levels in relation to metabolic syndrome in type 2 diabetic patients. <i>Journal of the American College of Nutrition</i> , <b>2006</b> , 25, 210-5	3.5	74
88	The biology of the metabolic syndrome and aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2016</b> , 19, 5-11	3.8	74
87	Oral magnesium supplementation improves vascular function in elderly diabetic patients. <i>Magnesium Research</i> , <b>2010</b> , 23, 131-7	1.7	66
86	Magnesium metabolism in hypertension and type 2 diabetes mellitus. <i>American Journal of Therapeutics</i> , <b>2007</b> , 14, 375-85	1	55
85	Cellular ionic alterations with age: relation to hypertension and diabetes. <i>Journal of the American Geriatrics Society</i> , <b>2000</b> , 48, 1111-6	5.6	51

84	Cardiovascular risk factors in centenarians. <i>Experimental Gerontology</i> , <b>2008</b> , 43, 106-13	4.5	50
83	Altered ionized magnesium levels in mild-to-moderate Alzheimer's disease. <i>Magnesium Research</i> , <b>2011</b> , 24, S115-21	1.7	49
82	Physiology of the aging bone and mechanisms of action of bisphosphonates. <i>Biogerontology</i> , <b>2011</b> , 12, 397-408	4.5	47
81	Oxidative stress in patients with Alzheimer's disease: effect of extracts of fermented papaya powder. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 624801	4.3	43
80	Bronchial reactivity and intracellular magnesium: a possible mechanism for the bronchodilating effects of magnesium in asthma. <i>Clinical Science</i> , <b>1998</b> , 95, 137-142	6.5	43
79	Prescription of antithrombotic therapy in older patients hospitalized for transient ischemic attack and ischemic stroke: the GIFA study. <i>Stroke</i> , <b>2004</b> , 35, 913-7	6.7	39
78	Age, homocysteine, and oxidative stress: relation to hypertension and type 2 diabetes mellitus. <i>Journal of the American College of Nutrition</i> , <b>2010</b> , 29, 1-6	3.5	36
77	Effects of glutathione on red blood cell intracellular magnesium: relation to glucose metabolism. <i>Hypertension</i> , <b>1999</b> , 34, 76-82	8.5	35
76	Combination of intensive cognitive rehabilitation and donepezil therapy in Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , <b>2010</b> , 51, 245-9	4	34
75	Collagen overglycosylation: a biochemical feature that may contribute to bone quality. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 330, 1-4	3.4	34
74	Magnesium responsiveness to insulin and insulin-like growth factor I in erythrocytes from normotensive and hypertensive subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 4402-7	5.6	29
73	In-hospital complications of acute myocardial infarction in hypertensive subjects. <i>American Journal of Hypertension</i> , <b>2005</b> , 18, 165-70	2.3	28
72	Fast food consumption and gestational diabetes incidence in the SUN project. <i>PLoS ONE</i> , <b>2014</b> , 9, e106637	3.7	28
71	Serum ionized magnesium in diabetic older persons. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 502-9	12.7	27
70	Effects of aging on serum ionized and cytosolic free calcium: relation to hypertension and diabetes. <i>Hypertension</i> , <b>1999</b> , 34, 902-6	8.5	27
69	Magnesium in Aging, Health and Diseases. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	27
68	Nutritional prevention of cognitive decline and dementia. <i>Acta Biomedica</i> , <b>2018</b> , 89, 276-290	3.2	25
67	The relevance of nutrition for the concept of cognitive frailty. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2017</b> , 20, 61-68	3.8	24

66	Increased gastrin and calcitonin secretion after oral calcium or peptones administration in patients with hypercalciuria: a clue to an alteration in calcium-sensing receptor activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 1489-94	5.6	24
65	Cellular-free magnesium depletion in brain and muscle of normal and preeclamptic pregnancy: a nuclear magnetic resonance spectroscopic study. <i>Hypertension</i> , <b>2004</b> , 44, 322-6	8.5	23
64	Dissimilar PTH, gastrin, and calcitonin responses to oral calcium and peptones in hypocalciuric hypercalcemia, primary hyperparathyroidism, and normal subjects: a useful tool for differential diagnosis. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 406-12	6.3	23
63	Insulin-mimetic action of vanadate: role of intracellular magnesium. <i>Hypertension</i> , <b>2001</b> , 38, 701-4	8.5	19
62	Happy aged people are all alike, while every unhappy aged person is unhappy in its own way. <i>PLoS ONE</i> , <b>2011</b> , 6, e23377	3.7	18
61	Insulin Resistance and the cardiometabolic syndrome in HIV infection. <i>Journal of the Cardiometabolic Syndrome</i> , <b>2009</b> , 4, 40-3		18
60	Diagnosing and managing thyroid disease in the nursing home. <i>Journal of the American Medical Directors Association</i> , <b>2008</b> , 9, 9-17	5.9	18
59	Altered cellular magnesium responsiveness to hyperglycemia in hypertensive subjects. <i>Hypertension</i> , <b>2001</b> , 38, 612-5	8.5	17
58	Quinapril reduces microalbuminuria in essential hypertensive and in diabetic hypertensive subjects. <i>American Journal of Hypertension</i> , <b>1995</b> , 8, 808-14	2.3	17
57	Dietary Patterns and Cognitive Decline: key features for prevention. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 2428-2442	3.3	17
56	Vitamin D Sources, Metabolism, and Deficiency: Available Compounds and Guidelines for Its Treatment. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	16
55	Magnesium in Infectious Diseases in Older People. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	16
54	Association of a Dietary Score with Incident Type 2 Diabetes: The Dietary-Based Diabetes-Risk Score (DDS). <i>PLoS ONE</i> , <b>2015</b> , 10, e0141760	3.7	15
53	Magnesium and Hypertension in Old Age. <i>Nutrients</i> , <b>2020</b> , 13,	6.7	15
52	Impact of Mediterranean Diet on Chronic Non-Communicable Diseases and Longevity. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	14
51	Nutrition, Physical Activity, and Other Lifestyle Factors in the Prevention of Cognitive Decline and Dementia. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	13
50	Dietary Approaches and Supplements in the Prevention of Cognitive Decline and Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 688-700	3.3	13
49	Dietary Magnesium and Incident Frailty in Older People at Risk for Knee Osteoarthritis: An Eight-Year Longitudinal Study. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	12

48	The Interplay between Magnesium and Testosterone in Modulating Physical Function in Men. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 525249	2.7	12
47	Azithromycin in an older woman with diabetic gastroparesis. <i>American Journal of Therapeutics</i> , <b>2008</b> , 15, 85-8	1	12
46	Metabolic syndrome therapy: prevention of vascular injury by antidiabetic agents. <i>Current Hypertension Reports</i> , <b>2005</b> , 7, 110-6	4.7	12
45	Protective effects of captopril against ischemic stress: role of cellular Mg. <i>Hypertension</i> , <b>1999</b> , 34, 958-63.5	3.5	12
44	Magnesium Responsiveness to Insulin and Insulin-Like Growth Factor I in Erythrocytes from Normotensive and Hypertensive Subjects		12
43	"A priori" Dietary Patterns and Cognitive Function in the SUN Project. <i>Neuroepidemiology</i> , <b>2020</b> , 54, 45-53.4	3.4	11
42	Therapeutic options in osteoporosis. <i>Acta Biomedica</i> , <b>2010</b> , 81 Suppl 1, 55-65	3.2	11
41	Should we recommend reductions in saturated fat intake or in red/processed meat consumption? The SUN prospective cohort study. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 1389-1398	5.9	10
40	Small-Volume Hypertonic Saline Solution and High-Dosage Furosemide in the Treatment of Refractory Congestive Heart Failure. <i>Clinical Drug Investigation</i> , <b>2000</b> , 19, 9-13	3.2	10
39	Walking in Natural Environments as Geriatrician Recommendation for Fall Prevention: Preliminary Outcomes from the Passiata Day Model. <i>Sustainability</i> , <b>2020</b> , 12, 2684	3.6	9
38	Prediction of bone mass gain by bone turnover parameters after parathyroidectomy for primary hyperparathyroidism: neural network software statistical analysis. <i>Surgery</i> , <b>2006</b> , 139, 827-32	3.6	9
37	Magnesium and the Cardiometabolic Syndrome. <i>Current Nutrition Reports</i> , <b>2012</b> , 1, 100-108	6	8
36	Medicine and the arts. L'incendio di Borgo. Commentary. <i>Academic Medicine</i> , <b>2009</b> , 84, 1260-1	3.9	7
35	Age and Muscle Function Are More Closely Associated With Intracellular Magnesium, as Assessed by P Magnetic Resonance Spectroscopy, Than With Serum Magnesium. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1454	4.6	7
34	Dietary fiber intake and mortality in a Mediterranean population: the "Seguimiento Universidad de Navarra" (SUN) project. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 3009-3022	5.2	7
33	The place of frailty and vulnerability in the surgical risk assessment: should we move from complexity to simplicity?. <i>Aging Clinical and Experimental Research</i> , <b>2018</b> , 30, 237-239	4.8	6
32	Anti-aging medicine: pitfalls and hopes. <i>Aging Male</i> , <b>2009</b> , 12, 13-20	2.1	6
31	Intermittent intramuscular clodronate therapy: a valuable option for older osteoporotic women. <i>Age and Ageing</i> , <b>2005</b> , 34, 633-6	3	6

30	Effect of testosterone on intracellular Ca <sup>++</sup> in vascular smooth muscle cells. <i>American Journal of Hypertension</i> , <b>2001</b> , 14, 1273-5	2.3	6
29	Blood pressure and cardiovascular risk profiles of Africans who migrate to a Western country. <i>Ethnicity and Disease</i> , <b>2008</b> , 18, 512-8	1.8	6
28	Association of the Dietary-Based Diabetes-Risk Score (DDS) with the risk of gestational diabetes mellitus in the Seguimiento Universidad de Navarra (SUN) project. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 800-807	3.6	5
27	Perspective: Protein supplementation in frail older persons: often necessary but not always sufficient. <i>Journal of the American Medical Directors Association</i> , <b>2013</b> , 14, 72-3	5.9	4
26	Acute parathyroid hormone increase by oral peptones administration after roux-en-Y gastric bypass surgery in obese subjects: role of phosphate in the rapid control of parathyroid hormone release. <i>Surgery</i> , <b>2010</b> , 147, 655-61	3.6	4
25	Magnesium intake in the pathophysiology and treatment of the cardiometabolic syndrome: where are we in 2006?. <i>Journal of the Cardiometabolic Syndrome</i> , <b>2006</b> , 1, 356-7		4
24	Multimorbidity increases the risk for sarcopenia onset: Longitudinal analyses from the English Longitudinal Study of Ageing. <i>Experimental Gerontology</i> , <b>2021</b> , 156, 111624	4.5	4
23	Sarcopenia reduces quality of life in the long-term: longitudinal analyses from the English longitudinal study of ageing.. <i>European Geriatric Medicine</i> , <b>2022</b> , 1	3	4
22	Healthy Aging and Dietary Patterns.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	4
21	Vitamin D substrate-product relationship in idiopathic hypercalciuria. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2009</b> , 113, 3-8	5.1	3
20	Magnesium Metabolism in Insulin Resistance, Metabolic Syndrome, and Type 2 Diabetes Mellitus <b>2007</b> , 213-223		3
19	Effect of COVID-19 quarantine on cognitive, functional and neuropsychiatric symptoms in patients with mild cognitive impairment and dementia.. <i>Aging Clinical and Experimental Research</i> , <b>2022</b> , 1	4.8	3
18	Lower Limb Muscle Strength and Muscle Mass Are Associated With Incident Symptomatic Knee Osteoarthritis: A Longitudinal Cohort Study.. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 804560	5.7	3
17	Urinary incontinence and quality of life: A longitudinal analysis from the English Longitudinal Study of Ageing.. <i>Maturitas</i> , <b>2022</b> , 160, 11-15	5	2
16	Magnesium Role in Health and Longevity. <i>Healthy Ageing and Longevity</i> , <b>2018</b> , 235-264	0.5	2
15	Magnesium, Oxidative Stress, and Aging Muscle <b>2014</b> , 157-166		1
14	[The magnesium global network (MaGNet) to promote research on magnesium in diseases focusing on covid-19]. <i>Magnesium Research</i> , <b>2021</b> , 34, 90-92	1.7	1
13	Multidimensional Frailty and Vaccinations in Older People: A Cross-Sectional Study.. <i>Vaccines</i> , <b>2022</b> , 10,	5.3	1

12	Multidimensional prognostic index and the risk of fractures: an 8-year longitudinal cohort study in the Osteoarthritis Initiative.. <i>Archives of Osteoporosis</i> , <b>2021</b> , 17, 5	2.9	1
11	Magnesium and Alzheimer's Disease <b>2015</b> , 585-592		0
10	Antiaging Medicine <b>2010</b> , 145-149		0
9	Dietary acrylamide and physical performance tests: A cross-sectional analysis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259320	3.7	0
8	Influenza Vaccination and COVID-19 Outcomes in People Older than 50 Years: Data from the Observational Longitudinal SHARE Study. <i>Vaccines</i> , <b>2022</b> , 10, 899	5.3	0
7	Anti-aging: Myth or Reality <b>2019</b> , 236-236		
6	Dietary Strategies and Supplements for the Prevention of Cognitive Decline and Alzheimer's Disease <b>2019</b> , 231-247		
5	Diabetes-related nutrition knowledge and dietary intake among adults with type 2 diabetes. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 829-30	3.6	
4	Thyroid Disorders <b>2012</b> , 1183-1197		
3	Antiaging Strategies <b>2012</b> , 1575-1587		
2	20Ca The Role of Calcium As a Metallotherapeutic Drug <b>2005</b> , 109-124		
1	Dietary Patterns and Healthy Ageing. <i>Healthy Ageing and Longevity</i> , <b>2021</b> , 301-314	0.5	