

Ligia Juliana DomÃ-nguez

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

4,460
citations

94269

37
h-index

114278

63
g-index

114
all docs

114
docs citations

114
times ranked

5405
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Olive oil consumption is associated with lower frailty risk: a prospective cohort study of community-dwelling older adults. <i>Age and Ageing</i> , 2022, 51, . | 0.7 | 5 |
| 2 | Risk of progression to diabetes and mortality in older people with prediabetes: The English longitudinal study on ageing. <i>Age and Ageing</i> , 2022, 51, . | 0.7 | 16 |
| 3 | Urinary incontinence and quality of life: A longitudinal analysis from the English Longitudinal Study of Ageing. <i>Maturitas</i> , 2022, 160, 11-15. | 1.0 | 8 |
| 4 | Magnesium in Type 2 Diabetes Mellitus, Obesity, and Metabolic Syndrome. <i>Nutrients</i> , 2022, 14, 714. | 1.7 | 15 |
| 5 | Effect of Magnesium Supplementation on Inflammatory Parameters: A Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2022, 14, 679. | 1.7 | 26 |
| 6 | Sarcopenia reduces quality of life in the long-term: longitudinal analyses from the English longitudinal study of ageing. <i>European Geriatric Medicine</i> , 2022, 13, 633-639. | 1.2 | 25 |
| 7 | Healthy Aging and Dietary Patterns. <i>Nutrients</i> , 2022, 14, 889. | 1.7 | 45 |
| 8 | 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> , 2022, 34, 1187-1194. | 1.4 | 12 |
| 9 | Multidimensional Frailty and Vaccinations in Older People: A Cross-Sectional Study. <i>Vaccines</i> , 2022, 10, 555. | 2.1 | 2 |
| 10 | Multidimensional prognostic index and the risk of fractures: an 8-year longitudinal cohort study in the Osteoarthritis Initiative. <i>Archives of Osteoporosis</i> , 2022, 17, 5. | 1.0 | 2 |
| 11 | Effect of Calcifediol on Physical Performance and Muscle Strength Parameters: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 1860. | 1.7 | 7 |
| 12 | Influenza Vaccination and COVID-19 Outcomes in People Older than 50 Years: Data from the Observational Longitudinal SHARE Study. <i>Vaccines</i> , 2022, 10, 899. | 2.1 | 6 |
| 13 | Magnesium in Aging, Health and Diseases. <i>Nutrients</i> , 2021, 13, 463. | 1.7 | 123 |
| 14 | Vitamin D Sources, Metabolism, and Deficiency: Available Compounds and Guidelines for Its Treatment. <i>Metabolites</i> , 2021, 11, 255. | 1.3 | 88 |
| 15 | Impact of Mediterranean Diet on Chronic Non-Communicable Diseases and Longevity. <i>Nutrients</i> , 2021, 13, 2028. | 1.7 | 119 |
| 16 | Increased Adiposity Appraised with CUN-BAE Is Highly Predictive of Incident Hypertension. The SUN Project. <i>Nutrients</i> , 2021, 13, 3309. | 1.7 | 1 |
| 17 | Magnesium in Infectious Diseases in Older People. <i>Nutrients</i> , 2021, 13, 180. | 1.7 | 47 |
| 18 | Magnesium and Hypertension in Old Age. <i>Nutrients</i> , 2021, 13, 139. | 1.7 | 53 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Dietary Patterns and Healthy Ageing. <i>Healthy Ageing and Longevity</i> , 2021, , 301-314. | 0.2 | 0 |
| 20 | Low Dietary Magnesium and Overweight/Obesity in a Mediterranean Population: A Detrimental Synergy for the Development of Hypertension. <i>The SUN Project. Nutrients</i> , 2021, 13, 125. | 1.7 | 8 |
| 21 | Dietary acrylamide and physical performance tests: A cross-sectional analysis. <i>PLoS ONE</i> , 2021, 16, e0259320. | 1.1 | 2 |
| 22 | Oral Magnesium Supplementation for Treating Glucose Metabolism Parameters in People with or at Risk of Diabetes: A Systematic Review and Meta-Analysis of Double-Blind Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 4074. | 1.7 | 15 |
| 23 | Nutrition, Physical Activity, and Other Lifestyle Factors in the Prevention of Cognitive Decline and Dementia. <i>Nutrients</i> , 2021, 13, 4080. | 1.7 | 114 |
| 24 | Multimorbidity increases the risk for sarcopenia onset: Longitudinal analyses from the English Longitudinal Study of Ageing. <i>Experimental Gerontology</i> , 2021, 156, 111624. | 1.2 | 23 |
| 25 | [The magnesium global network (MaGNet) to promote research on magnesium in diseases focusing on covid-19]. <i>Magnesium Research</i> , 2021, 34, 90-92. | 0.4 | 1 |
| 26 | Lower Limb Muscle Strength and Muscle Mass Are Associated With Incident Symptomatic Knee Osteoarthritis: A Longitudinal Cohort Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 804560. | 1.5 | 8 |
| 27 | “A priori” Dietary Patterns and Cognitive Function in the SUN Project. <i>Neuroepidemiology</i> , 2020, 54, 45-57. | 1.1 | 28 |
| 28 | Walking in Natural Environments as Geriatrician’s Recommendation for Fall Prevention: Preliminary Outcomes from the “Passiata Day” Model. <i>Sustainability</i> , 2020, 12, 2684. | 1.6 | 23 |
| 29 | 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> , 2019, 122, 800-807. | 1.2 | 6 |
| 30 | Dietary Strategies and Supplements for the Prevention of Cognitive Decline and Alzheimer’s Disease. , 2019, , 231-247. | | 0 |
| 31 | Gerontology is essential to the identity of geriatric medicine. <i>European Geriatric Medicine</i> , 2019, 10, 835-837. | 1.2 | 1 |
| 32 | Anti-aging: Myth or Reality. , 2019, , 236-236. | | 0 |
| 33 | Thyroid Disorders in Old Age. , 2019, , . | | 0 |
| 34 | Age and Muscle Function Are More Closely Associated With Intracellular Magnesium, as Assessed by ³¹ P Magnetic Resonance Spectroscopy, Than With Serum Magnesium. <i>Frontiers in Physiology</i> , 2019, 10, 1454. | 1.3 | 14 |
| 35 | Dietary fiber intake and mortality in a Mediterranean population: the “Seguimiento Universidad de Navarra” (SUN) project. <i>European Journal of Nutrition</i> , 2019, 58, 3009-3022. | 1.8 | 17 |
| 36 | Dietary Patterns and Cognitive Decline: key features for prevention. <i>Current Pharmaceutical Design</i> , 2019, 25, 2428-2442. | 0.9 | 29 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 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> , 2018, 30, 237-239. | 1.4 | 13 |
| 38 | Should we recommend reductions in saturated fat intake or in red/processed meat consumption? The SUN prospective cohort study. <i>Clinical Nutrition</i> , 2018, 37, 1389-1398. | 2.3 | 16 |
| 39 | Magnesium Role in Health and Longevity. <i>Healthy Ageing and Longevity</i> , 2018, , 235-264. | 0.2 | 8 |
| 40 | Nutritional prevention of cognitive decline and dementia. <i>Acta Biomedica</i> , 2018, 89, 276-290. | 0.2 | 54 |
| 41 | The relevance of nutrition for the concept of cognitive frailty. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 61-68. | 1.3 | 39 |
| 42 | The Multidomain Nature of Malnutrition in Older Persons. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 908-912. | 1.2 | 9 |
| 43 | Dietary Magnesium and Incident Frailty in Older People at Risk for Knee Osteoarthritis: An Eight-Year Longitudinal Study. <i>Nutrients</i> , 2017, 9, 1253. | 1.7 | 18 |
| 44 | The biology of the metabolic syndrome and aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 5-11. | 1.3 | 105 |
| 45 | Dietary Approaches and Supplements in the Prevention of Cognitive Decline and Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 688-700. | 0.9 | 17 |
| 46 | Diabetes-related nutrition knowledge and dietary intake among adults with type 2 diabetes. <i>British Journal of Nutrition</i> , 2015, 114, 829-830. | 1.2 | 0 |
| 47 | Magnesium and type 2 diabetes. <i>World Journal of Diabetes</i> , 2015, 6, 1152. | 1.3 | 144 |
| 48 | Association of a Dietary Score with Incident Type 2 Diabetes: The Dietary-Based Diabetes-Risk Score (DDS). <i>PLoS ONE</i> , 2015, 10, e0141760. | 1.1 | 20 |
| 49 | Oxidative Stress in Patients with Alzheimer's Disease: Effect of Extracts of Fermented Papaya Powder. <i>Mediators of Inflammation</i> , 2015, 2015, 1-6. | 1.4 | 54 |
| 50 | Magnesium and Alzheimer's Disease. , 2015, , 585-592. | | 1 |
| 51 | The Interplay between Magnesium and Testosterone in Modulating Physical Function in Men. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9. | 0.6 | 19 |
| 52 | 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> , 2014, 112, 248-259. | 1.2 | 95 |
| 53 | Serum ionized magnesium in diabetic older persons. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 502-509. | 1.5 | 42 |
| 54 | Magnesium, Oxidative Stress, and Aging Muscle. , 2014, , 157-166. | | 1 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Fast Food Consumption and Gestational Diabetes Incidence in the SUN Project. PLoS ONE, 2014, 9, e106627. | 1.1 | 35 |
| 56 | Perspective: Protein Supplementation in Frail Older Persons: Often Necessary but Not Always Sufficient. Journal of the American Medical Directors Association, 2013, 14, 72-73. | 1.2 | 6 |
| 57 | Extra Virgin Olive Oil Improves Learning and Memory in SAMP8 Mice. Journal of Alzheimer's Disease, 2012, 28, 81-92. | 1.2 | 124 |
| 58 | Magnesium and the Cardiometabolic Syndrome. Current Nutrition Reports, 2012, 1, 100-108. | 2.1 | 9 |
| 59 | Altered ionized magnesium levels in mild-to-moderate Alzheimer's disease. Magnesium Research, 2011, 24, 115-121. | 0.4 | 70 |
| 60 | Happy Aged People Are All Alike, While Every Unhappy Aged Person Is Unhappy in Its Own Way. PLoS ONE, 2011, 6, e23377. | 1.1 | 20 |
| 61 | Mediterranean diet and mobility decline in older persons. Experimental Gerontology, 2011, 46, 303-308. | 1.2 | 124 |
| 62 | Physiology of the aging bone and mechanisms of action of bisphosphonates. Biogerontology, 2011, 12, 397-408. | 2.0 | 56 |
| 63 | Commentary to the letter to the editor. Magnesium Research, 2011, 24, 18-18. | 0.4 | 0 |
| 64 | 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. Surgery, 2010, 147, 655-661. | 1.0 | 6 |
| 65 | Combination of intensive cognitive rehabilitation and donepezil therapy in Alzheimer's disease (AD). Archives of Gerontology and Geriatrics, 2010, 51, 245-249. | 1.4 | 39 |
| 66 | Antiaging Medicine. , 2010, , 145-149. | | 1 |
| 67 | Age, Homocysteine, and Oxidative Stress: Relation to Hypertension and Type 2 Diabetes Mellitus. Journal of the American College of Nutrition, 2010, 29, 1-6. | 1.1 | 46 |
| 68 | The Paradigm of Life Extension. Journal of the American Medical Directors Association, 2010, 11, 457-458. | 1.2 | 4 |
| 69 | Oral magnesium supplementation improves vascular function in elderly diabetic patients. Magnesium Research, 2010, 23, 131-7. | 0.4 | 82 |
| 70 | Therapeutic options in osteoporosis. Acta Biomedica, 2010, 81 Suppl 1, 55-65. | 0.2 | 14 |
| 71 | Anti-aging medicine: pitfalls and hopes. Aging Male, 2009, 12, 13-20. | 0.9 | 10 |
| 72 | Insulin Resistance and the Cardiometabolic Syndrome in HIV Infection. Journal of the Cardiometabolic Syndrome, 2009, 4, 40-43. | 1.7 | 19 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Vitamin D substrate-product relationship in idiopathic hypercalciuria. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 113, 3-8. | 1.2 | 4 |
| 74 | Magnesium homeostasis and Aging. <i>Magnesium Research</i> , 2009, 22, 235-246. | 0.4 | 157 |
| 75 | L'incendio di Borgo. <i>Academic Medicine</i> , 2009, 84, 1260. | 0.8 | 8 |
| 76 | Cardiovascular risk factors in centenarians. <i>Experimental Gerontology</i> , 2008, 43, 106-113. | 1.2 | 60 |
| 77 | Diagnosing and Managing Thyroid Disease in the Nursing Home. <i>Journal of the American Medical Directors Association</i> , 2008, 9, 9-17. | 1.2 | 24 |
| 78 | Azithromycin in an Older Woman With Diabetic Gastroparesis. <i>American Journal of Therapeutics</i> , 2008, 15, 85-88. | 0.5 | 14 |
| 79 | Blood pressure and cardiovascular risk profiles of Africans who migrate to a Western country. <i>Ethnicity and Disease</i> , 2008, 18, 512-8. | 1.0 | 6 |
| 80 | Magnesium Metabolism in Hypertension and Type 2 Diabetes Mellitus. <i>American Journal of Therapeutics</i> , 2007, 14, 375-385. | 0.5 | 61 |
| 81 | Magnesium metabolism in type 2 diabetes mellitus, metabolic syndrome and insulin resistance. <i>Archives of Biochemistry and Biophysics</i> , 2007, 458, 40-47. | 1.4 | 291 |
| 82 | The Cardiometabolic Syndrome and Sarcopenic Obesity in Older Persons. <i>Journal of the Cardiometabolic Syndrome</i> , 2007, 2, 183-189. | 1.7 | 155 |
| 83 | Magnesium Metabolism in Insulin Resistance, Metabolic Syndrome, and Type 2 Diabetes Mellitus. , 2007, , 213-223. | | 6 |
| 84 | Serum Ionized Magnesium Levels in Relation to Metabolic Syndrome in Type 2 Diabetic Patients. <i>Journal of the American College of Nutrition</i> , 2006, 25, 210-215. | 1.1 | 89 |
| 85 | Magnesium and muscle performance in older persons: the InCHIANTI study. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 419-426. | 2.2 | 108 |
| 86 | Magnesium and muscle performance in older persons: the InCHIANTI study ¹⁻³ . <i>American Journal of Clinical Nutrition</i> , 2006, 84, 419-426. | 2.2 | 111 |
| 87 | Magnesium Intake in the Pathophysiology and Treatment of the Cardiometabolic Syndrome: Where Are We in 2006?. <i>Journal of the Cardiometabolic Syndrome</i> , 2006, 1, 356-357. | 1.7 | 5 |
| 88 | Prediction of bone mass gain by bone turnover parameters after parathyroidectomy for primary hyperparathyroidism: neural network software statistical analysis. <i>Surgery</i> , 2006, 139, 827-832. | 1.0 | 10 |
| 89 | 20Ca The Role of Calcium As a Metallotherapeutic Drug. , 2005, , 109-124. | | 0 |
| 90 | 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> , 2005, 21, 406-412. | 3.1 | 30 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Metabolic syndrome therapy: Prevention of vascular injury by antidiabetic agents. <i>Current Hypertension Reports</i> , 2005, 7, 110-116. | 1.5 | 13 |
| 92 | 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> , 2005, 90, 1489-1494. | 1.8 | 26 |
| 93 | Intermittent intramuscular clodronate therapy: a valuable option for older osteoporotic women. <i>Age and Ageing</i> , 2005, 34, 633-636. | 0.7 | 6 |
| 94 | Collagen overglycosylation: A biochemical feature that may contribute to bone quality. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 1-4. | 1.0 | 39 |
| 95 | In-hospital complications of acute myocardial infarction in hypertensive subjects. <i>American Journal of Hypertension</i> , 2005, 18, 165-170. | 1.0 | 35 |
| 96 | Cellular-Free Magnesium Depletion in Brain and Muscle of Normal and Preeclamptic Pregnancy. <i>Hypertension</i> , 2004, 44, 322-326. | 1.3 | 26 |
| 97 | Prescription of Antithrombotic Therapy in Older Patients Hospitalized for Transient Ischemic Attack and Ischemic Stroke: The GIFA Study. <i>Stroke</i> , 2004, 35, 913-917. | 1.0 | 43 |
| 98 | Role of magnesium in insulin action, diabetes and cardio-metabolic syndrome X. <i>Molecular Aspects of Medicine</i> , 2003, 24, 39-52. | 2.7 | 361 |
| 99 | Effect of testosterone on intracellular Ca^{++} in vascular smooth muscle cells. <i>American Journal of Hypertension</i> , 2001, 14, 1273-1275. | 1.0 | 8 |
| 100 | Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects. <i>Hypertension</i> , 2001, 38, 612-615. | 1.3 | 19 |
| 101 | Insulin-Mimetic Action of Vanadate. <i>Hypertension</i> , 2001, 38, 701-704. | 1.3 | 21 |
| 102 | Vascular Effects of Progesterone. <i>Hypertension</i> , 2001, 37, 142-147. | 1.3 | 124 |
| 103 | Cellular Ionic Alterations with Age: Relation to Hypertension and Diabetes. <i>Journal of the American Geriatrics Society</i> , 2000, 48, 1111-1116. | 1.3 | 63 |
| 104 | Small-Volume Hypertonic Saline Solution and High-Dosage Furosemide in the Treatment of Refractory Congestive Heart Failure. <i>Clinical Drug Investigation</i> , 2000, 19, 9-13. | 1.1 | 11 |
| 105 | Protective Effects of Captopril Against Ischemic Stress. <i>Hypertension</i> , 1999, 34, 958-963. | 1.3 | 14 |
| 106 | Effects of Glutathione on Red Blood Cell Intracellular Magnesium. <i>Hypertension</i> , 1999, 34, 76-82. | 1.3 | 43 |
| 107 | Effects of Vitamin E and Glutathione on Glucose Metabolism. <i>Hypertension</i> , 1999, 34, 1002-1006. | 1.3 | 100 |
| 108 | Effects of Aging on Serum Ionized and Cytosolic Free Calcium. <i>Hypertension</i> , 1999, 34, 902-906. | 1.3 | 33 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | 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> , 1998, 83, 4402-4407. | 1.8 | 33 |
| 110 | Bronchial reactivity and intracellular magnesium: a possible mechanism for the bronchodilating effects of magnesium in asthma. <i>Clinical Science</i> , 1998, 95, 137-142. | 1.8 | 60 |
| 111 | Quinapril reduces microalbuminuria in essential hypertensive and in diabetic hypertensive subjects*. <i>American Journal of Hypertension</i> , 1995, 8, 808-814. | 1.0 | 21 |
| 112 | Magnesium Responsiveness to Insulin and Insulin-Like Growth Factor I in Erythrocytes from Normotensive and Hypertensive Subjects. , 0, . | | 13 |