

# Pedro BullÃ³n

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

5,315  
citations

71102

41  
h-index

102487

66  
g-index

131  
all docs

131  
docs citations

131  
times ranked

6767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of Peri-Implantitis and Relationship with Different Conditions: A Retrospective Study. International Journal of Environmental Research and Public Health, 2022, 19, 4147.	2.6	14
2	An Olive-Derived Extract 20% Rich in Hydroxytyrosol Prevents $\beta$ -Amyloid Aggregation and Oxidative Stress, Two Features of Alzheimer Disease, via SKN-1/NRF2 and HSP-16.2 in <i>Caenorhabditis elegans</i> . Antioxidants, 2022, 11, 629.	5.1	24
3	An oleuropein rich-olive ( <i>Olea europaea</i> L.) leaf extract reduces $\beta$ -amyloid and tau proteotoxicity through regulation of oxidative- and heat shock-stress responses in <i>Caenorhabditis elegans</i> . Food and Chemical Toxicology, 2022, 162, 112914.	3.6	25
4	Periodontitis and Other Risk Factors Related to Myocardial Infarction and Its Follow-Up. Journal of Clinical Medicine, 2022, 11, 2618.	2.4	5
5	Screening of undiagnosed hyperglycaemia in the dental setting: The <i>DiabetRisk</i> study. A field trial. Journal of Clinical Periodontology, 2021, 48, 378-388.	4.9	9
6	Honey quality parameters, chemical composition and antimicrobial activity in twelve Ecuadorian stingless bees (Apidae: Apinae: Meliponini) tested against multiresistant human pathogens. LWT - Food Science and Technology, 2021, 140, 110737.	5.2	27
7	Sinus Floor Elevation via an Osteotome Technique without Biomaterials. International Journal of Environmental Research and Public Health, 2021, 18, 1103.	2.6	12
8	Potential Role of the Mitochondria for the Dermatological Treatment of Papillon-Lefèvre. Antioxidants, 2021, 10, 95.	5.1	4
9	Inhibition of the NLRP3 inflammasome prevents ovarian aging. Science Advances, 2021, 7, .	10.3	74
10	Diabetes Mellitus and Periodontitis Share Intracellular Disorders as the Main Meeting Point. Cells, 2021, 10, 2411.	4.1	13
11	Influence of Removing or Leaving the Prosthesis after Regenerative Surgery in Peri-Implant Defects: Retrospective Study: 32 Clinical Cases with 2 to 8 Years of Follow-Up. International Journal of Environmental Research and Public Health, 2021, 18, 645.	2.6	4
12	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. Aging Cell, 2020, 19, e13050.	6.7	111
13	NLRP3 Inflammasome Inhibition by MCC950 in Aged Mice Improves Health via Enhanced Autophagy and PPAR $\alpha$ Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1457-1464.	3.6	33
14	A Diet Rich in Saturated Fat and Cholesterol Aggravates the Effect of Bacterial Lipopolysaccharide on Alveolar Bone Loss in a Rabbit Model of Periodontal Disease. Nutrients, 2020, 12, 1405.	4.1	8
15	Is AMP-Activated Protein Kinase Associated to the Metabolic Changes in Primary Ovarian Insufficiency?. Antioxidants and Redox Signaling, 2020, 33, 1115-1121.	5.4	4
16	Molecular inflammation and oxidative stress are shared mechanisms involved in both myocardial infarction and periodontitis. Journal of Periodontal Research, 2020, 55, 519-528.	2.7	29
17	Blockade of the NLRP3 inflammasome improves metabolic health and lifespan in obese mice. GeroScience, 2020, 42, 715-725.	4.6	19
18	Twenty-four Months Feeding on Unsaturated Dietary Fats (Virgin Olive, Sunflower, or Fish Oil) Differentially Modulate Gingival Mitochondria in the Rat. EFood, 2020, 1, 61-68.	3.1	7

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19	Fibroblasts Collagen Production and Histological Alterations in Hereditary Gingival Fibromatosis. Diseases (Basel, Switzerland), 2019, 7, 39.	2.5	9
20	A review of the influence of periodontal treatment in systemic diseases. Periodontology 2000, 2019, 79, 117-128.	13.4	92
21	Cardiovascular diseases, NLRP3 inflammasome, and western dietary patterns. Pharmacological Research, 2018, 131, 44-50.	7.1	48
22	Autophagic dysfunction in patients with Papillon-Lefèvre syndrome is restored by recombinant cathepsin C treatment. Journal of Allergy and Clinical Immunology, 2018, 142, 1131-1143.e7.	2.9	24
23	Body fat and metabolic age as indicators of inflammation and cardiovascular risk. European Journal of Preventive Cardiology, 2018, 25, 233-234.	1.8	5
24	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. Molecules, 2018, 23, 1226.	3.8	44
25	Inflammasome and Oral Diseases. Experientia Supplementum (2012), 2018, 108, 153-176.	0.9	8
26	Effect of Coenzyme Q <sub>10</sub> on Psychopathological Symptoms in Fibromyalgia Patients. CNS Neuroscience and Therapeutics, 2017, 23, 188-189.	3.9	14
27	The relationship between insulin resistance and periodontitis is not affected by Mediterranean diet in a Spanish population. Archives of Oral Biology, 2017, 77, 62-67.	1.8	9
28	Antidepressants induce autophagy dependent-NLRP3-inflammasome inhibition in Major depressive disorder. Pharmacological Research, 2017, 121, 114-121.	7.1	159
29	Could NLRP3 Inflammasome Be a Cardiovascular Risk Biomarker in Acute Myocardial Infarction Patients?. Antioxidants and Redox Signaling, 2017, 27, 269-275.	5.4	36
30	Psychological status in depressive patients correlates with metabolic gene expression. CNS Neuroscience and Therapeutics, 2017, 23, 843-845.	3.9	20
31	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. Oncotarget, 2017, 8, 99740-99756.	1.8	53
32	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. International Journal of Molecular Sciences, 2017, 18, 288.	4.1	64
33	Influence of the Periodontal Disease, the Most Prevalent Inflammatory Event, in Peroxisome Proliferator-Activated Receptors Linking Nutrition and Energy Metabolism. International Journal of Molecular Sciences, 2017, 18, 1438.	4.1	15
34	Inflammasome as a Key Pathogenic Mechanism in Endometriosis. Current Drug Targets, 2017, 18, 997-1002.	2.1	54
35	Role of Lipids in the Onset, Progression and Treatment of Periodontal Disease. A Systematic Review of Studies in Humans. International Journal of Molecular Sciences, 2016, 17, 1202.	4.1	26
36	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. Molecules, 2016, 21, 1183.	3.8	21

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37	Gene Expression Profile in Major Depressive Disorder Shows Reduced Mitochondrial Biogenesis. CNS Neuroscience and Therapeutics, 2016, 22, 636-638.	3.9	10
38	AMPK/Mitochondria in Metabolic Diseases. Exs, 2016, 107, 129-152.	1.4	21
39	Mutation in cytochrome b gene of mitochondrial DNA in a family with fibromyalgia is associated with NLRP3-inflammasome activation. Journal of Medical Genetics, 2016, 53, 113-122.	3.2	26
40	Coenzyme Q Protects Against Age-Related Alveolar Bone Loss Associated to n-6 Polyunsaturated Fatty Acid Rich-Diets by Modulating Mitochondrial Mechanisms. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 593-600.	3.6	21
41	Stress-Induced Depressive Behaviors Require a Functional NLRP3 Inflammasome. Molecular Neurobiology, 2016, 53, 4874-4882.	4.0	134
42	AMPK Phosphorylation Modulates Pain by Activation of NLRP3 Inflammasome. Antioxidants and Redox Signaling, 2016, 24, 157-170.	5.4	85
43	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. Current Drug Targets, 2016, 17, 865-889.	2.1	74
44	Dietary antioxidants for chronic periodontitis prevention and its treatment: a review on current evidences from animal and human studies. Ars Pharmaceutica, 2015, 56, 131-140.	0.3	11
45	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. Antioxidants, 2015, 4, 447-481.	5.1	31
46	Advances in surfaces and osseointegration in implantology. Biomimetic surfaces. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2015, 20, e316-e325.	1.7	33
47	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. Antioxidants, 2015, 4, 322-344.	5.1	29
48	Oxidative stress, mitochondrial dysfunction and, inflammation common events in skin of patients with Fibromyalgia. Mitochondrion, 2015, 21, 69-75.	3.4	53
49	Effect of irrigation and stainless steel drills on dental implant bed heat generation. Journal of Materials Science: Materials in Medicine, 2015, 26, 75.	3.6	12
50	Metformin and caloric restriction induce an AMPK-dependent restoration of mitochondrial dysfunction in fibroblasts from Fibromyalgia patients. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1257-1267.	3.8	33
51	Assessment of periodontal and opportunistic flora in patients with peri-implantitis. Clinical Oral Implants Research, 2015, 26, 937-941.	4.5	78
52	Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement. Pharmacological Research, 2015, 91, 1-8.	7.1	49
53	NLRP3 Inflammasome Is Activated in Fibromyalgia: The Effect of Coenzyme Q <sub>10</sub> . Antioxidants and Redox Signaling, 2014, 20, 1169-1180.	5.4	75
54	Aging-Related Changes in Inflammatory and LKB1/AMPK Gene Expression in Fibromyalgia Patients. CNS Neuroscience and Therapeutics, 2014, 20, 476-478.	3.9	2

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55	Confirmation of oxidative stress and fatty acid disturbances in two further <sc>P</sc>apillonâ€“<sc>L</sc>efÃ“vre syndrome families with identification of a new mutation. Journal of the European Academy of Dermatology and Venereology, 2014, 28, 1049-1056.	2.4	13
56	Comparative Analysis of 2 Resonance Frequency Measurement Devices. Implant Dentistry, 2014, 23, 351-356.	1.3	26
57	Relation of Periodontitis and Metabolic Syndrome With Gestational Glucose Metabolism Disorder. Journal of Periodontology, 2014, 85, e1-8.	3.4	19
58	Obesity, diabetes mellitus, atherosclerosis and chronic periodontitis: a shared pathology via oxidative stress and mitochondrial dysfunction?. Periodontology 2000, 2014, 64, 139-153.	13.4	205
59	Burnout, depression and suicidal ideation in dental students. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2014, 19, e206-e211.	1.7	61
60	Influence of Two Different Machined-Collar Heights on Crestal Bone Loss. International Journal of Oral and Maxillofacial Implants, 2014, 29, 1374-1379.	1.4	11
61	New Theories and Their Clinical Relevance to the Onset and Development of Periodontal Diseases. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 227-249.	0.4	3
62	Can Coenzyme Q<sub>10</sub> Improve Clinical and Molecular Parameters in Fibromyalgia?. Antioxidants and Redox Signaling, 2013, 19, 1356-1361.	5.4	66
63	Is Inflammation a Mitochondrial Dysfunction-Dependent Event in Fibromyalgia?. Antioxidants and Redox Signaling, 2013, 18, 800-807.	5.4	63
64	Assessment of osstell isqâ€™s reliability for implant stability measurement: A cross-sectional clinical study. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2013, 18, e877-e882.	1.7	44
65	Diets Based on Virgin Olive Oil or Fish Oil but Not on Sunflower Oil Prevent Age-Related Alveolar Bone Resorption by Mitochondrial-Related Mechanisms. PLoS ONE, 2013, 8, e74234.	2.5	48
66	Accidental displacement and migration of endosseous implants into adjacent craniofacial structures: A review and update. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e769-e774.	1.7	56
67	Coenzyme Q10 in salivary cells correlate with blood cells in Fibromyalgia: Improvement in clinical and biochemical parameter after oral treatment. Clinical Biochemistry, 2012, 45, 509-511.	1.9	7
68	Remote Device Interrogation: When â€œnothingâ€•really does matter. Heart Rhythm, 2012, 9, 1952-1953.	0.7	2
69	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. BMC Medicine, 2012, 10, 122.	5.5	110
70	Oral coenzyme Q10 supplementation improves clinical symptoms and recovers pathologic alterations in blood mononuclear cells in a fibromyalgia patient. Nutrition, 2012, 28, 1200-1203.	2.4	40
71	Clinical indicators of periodontal disease in patients with coronary heart disease: A 10 years longitudinal study. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e569-e574.	1.7	22
72	Job satisfaction and depression in the Spanish Society of Periodontology and Research (SEPA) members, and their relation to the burnout syndrome. Creation of a structural model. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e821-e824.	1.7	13

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73	Resonance frequency analysis-reliability in third generation instruments: Osstell mentor. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2012, 17, e801-e806.	1.7	31
74	Utility of Periodontal exploration in patients with Fibromyalgia. <i>Journal of Clinical and Experimental Dentistry</i> , 2012, 4, e40-e42.	1.2	1
75	Effects of Enamel Matrix Derivative on Vascular Endothelial Growth Factor Expression and Microvessel Density in Gingival Tissues of Periodontal Pocket: A Comparative Study. <i>Journal of Periodontology</i> , 2011, 82, 606-612.	3.4	28
76	Biological approaches to the development of novel periodontal therapies â€“ Consensus of the Seventh European Workshop on Periodontology. <i>Journal of Clinical Periodontology</i> , 2011, 38, 114-118.	4.9	82
77	Mitochondrial dysfunction promoted by <i>Porphyromonas gingivalis</i> lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1336-1343.	2.9	96
78	Conclusions and consensus statements on periodontal health, policy and education in Europe: a call for action â€“ consensus view 1. <i>European Journal of Dental Education</i> , 2010, 14, 2-3.	2.0	33
79	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010, , e813-e819.	1.7	15
80	Assessment of periapical status: A comparative study using film-based periapical radiographs and digital panoramic images. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010, 15, e952-e956.	1.7	19
81	Periodontitis is associated with altered plasma fatty acids and cardiovascular risk markers. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 133-139.	2.6	60
82	Mitochondrial dysfunction and mitophagy activation in blood mononuclear cells of fibromyalgia patients: implications in the pathogenesis of the disease. <i>Arthritis Research and Therapy</i> , 2010, 12, R17.	3.5	120
83	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010, 15, e813-9.	1.7	6
84	Oral lichenoid lesions related to contact with dental materials: A literature review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2009, 14, e514-e520.	1.7	24
85	Nutrition-linked chronic disease and periodontitis: are they the two faces of the same coin?. <i>Mediterranean Journal of Nutrition and Metabolism</i> , 2009, 2, 103-109.	0.5	2
86	Implant surfaces and design (Working Group 4). <i>Clinical Oral Implants Research</i> , 2009, 20, 228-231.	4.5	82
87	Metabolic Syndrome and Periodontitis: Is Oxidative Stress a Common Link?. <i>Journal of Dental Research</i> , 2009, 88, 503-518.	5.2	209
88	Gingival vascular damage in atherosclerotic rabbits: Hydroxytyrosol and squalene benefits. <i>Food and Chemical Toxicology</i> , 2009, 47, 2327-2331.	3.6	33
89	In vitro evaluation of the influence of the cortical bone on the primary stability of two implant systems. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2009, 14, E93-7.	1.7	19
90	Oxidative stress markers in oral lichen planus. <i>BioFactors</i> , 2008, 33, 301-310.	5.4	57

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91	A patient-administered Medical Risk Related History questionnaire (EMRRH) for use in 10 European countries (multicenter trial). Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 597-605.	1.4	46
92	La leucoplasia oral: Su implicaci3n como lesi3n precancerosa. Avances En Odontoestomatologia, 2008, 24, .	0.1	3
93	Nifedipine and Cyclosporin Affect Fibroblast Calcium and Gingiva. Journal of Dental Research, 2007, 86, 357-362.	5.2	19
94	Radiological assessment of periapical status using the periapical index: comparison of periapical radiography and digital panoramic radiography. International Endodontic Journal, 2007, 40, 433-440.	5.0	50
95	Osteocalcin in serum, saliva and gingival crevicular fluid: their relation with periodontal treatment outcome in postmenopausal women. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2007, 12, E193-7.	1.7	11
96	Soft-tissue integration of implants.. Clinical Oral Implants Research, 2006, 17, 93-96.	4.5	42
97	Myeloid sarcoma of the maxillary bone. Journal of Oral Pathology and Medicine, 2006, 35, 254-256.	2.7	17
98	Antioxidant status (CoQ<sub>10</sub> and Vit. E levels) and immunohistochemical analysis of soft tissues in periodontal diseases. BioFactors, 2005, 25, 213-217.	5.4	28
99	Correlation between infant birth weight and mother's periodontal status. Journal of Clinical Periodontology, 2005, 32, 299-304.	4.9	73
100	Serum, Saliva, and Gingival Crevicular Fluid Osteocalcin: Their Relation to Periodontal Status and Bone Mineral Density in Postmenopausal Women. Journal of Periodontology, 2005, 76, 513-519.	3.4	52
101	In vitro antioxidant activities of antioxidant-enriched toothpastes. Free Radical Research, 2005, 39, 343-350.	3.3	18
102	Immunohistochemical analysis of soft tissues in implants with healthy and peri-implantitis condition, and aggressive periodontitis. Clinical Oral Implants Research, 2004, 15, 553-559.	4.5	83
103	The role of cathepsin C in Papillon-Lef3vre syndrome, prepubertal periodontitis, and aggressive periodontitis. Human Mutation, 2004, 23, 222-228.	2.5	90
104	Diagn3stico por el laboratorio de las enfermedades periodontales y periimplantarias: Diagn3stico de la periodontitis. Avances En Periodoncia E Implantolog3a Oral, 2004, 16, .	0.0	0
105	The effect of Cyclosporine A chronic administration on the antioxidant pattern of rat liver mitochondria: Structural and functional consequences. BioFactors, 2003, 18, 271-275.	5.4	7
106	Ultrastructure of the gingiva in cardiac patients treated with or without calcium channel blockers. Journal of Clinical Periodontology, 2003, 30, 682-690.	4.9	14
107	Comparison of modified Bass technique with normal toothbrushing practices for efficacy in supragingival plaque removal. International Journal of Dental Hygiene, 2003, 1, 110-114.	1.9	102
108	Alterations in the Oxidation Products, Antioxidant Markers, Antioxidant Capacity and Lipid Patterns in Plasma of Patients Affected by Papillon-Lef3vre Syndrome. Free Radical Research, 2003, 37, 603-609.	3.3	21



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109	The antioxidant capacity of saliva. Journal of Clinical Periodontology, 2002, 29, 189-194.	4.9	254
110	In vitro antioxidant activities of mouthrinses and their components. Journal of Clinical Periodontology, 2002, 29, 462-467.	4.9	32
111	Elevated Hydroperoxide Levels and Antioxidant Patterns in Papillon-Lefèvre Syndrome. Journal of Periodontology, 2001, 72, 1760-1766.	3.4	24
112	The gingival inflammatory infiltrate in cardiac patients treated with calcium antagonists*. Journal of Clinical Periodontology, 2001, 28, 897-903.	4.9	11
113	Effect of Cigarette Smoking on Periodontal Status of Healthy Young Adults. Journal of Periodontology, 2000, 71, 73-78.	3.4	99
114	Periodontal status and treatment needs among Spanish hospitalized psychiatric patients. Special Care in Dentistry, 1999, 19, 254-258.	0.8	28
115	The Influence of General Health and Socio-Cultural Variables on the Periodontal Condition of Pregnant Women. Journal of Periodontology, 1999, 70, 779-785.	3.4	93
116	Oxidative Injury and Inflammatory Periodontal Diseases : the Challenge of Anti-Oxidants to Free Radicals and Reactive Oxygen Species. Critical Reviews in Oral Biology and Medicine, 1999, 10, 458-476.	4.4	253
117	Craniofacial and oral manifestations of trichorhinophalangeal syndrome type I (Giedion's syndrome). Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1997, 84, 35-39.	1.4	12
118	Dental health among institutionalized psychiatric patients in Spain. Special Care in Dentistry, 1997, 17, 203-206.	0.8	45
119	Evaluation of gingival and periodontal conditions following causal periodontal treatment in patients treated with nifedipine and diltiazem*. Journal of Clinical Periodontology, 1996, 23, 649-657.	4.9	24
120	Clinical assessment of gingival size among patients treated with diltiazem. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1995, 79, 300-304.	1.4	26
121	Clinical assessment of gingival hyperplasia in patients treated with nifedipine. Journal of Clinical Periodontology, 1994, 21, 256-259.	4.9	33
122	Late onset Papillon-Lefevre syndrome?. A chromosomic, neutrophil function and microbiological study. Journal of Clinical Periodontology, 1993, 20, 662-667.	4.9	59
123	Effects of Treatment with Noradrenaline and Isoproterenol on the Excretory Portion of the Submaxillary Gland in the Rat: An Ultrastructural Study. Cells Tissues Organs, 1990, 137, 324-330.	2.3	2
124	Noncommunicable/Aging Diseases with the Perspective of Quantum Physics. , 0, , 54-79.		0