

Pedro Bulln

List of Publications by Year in Descending Order

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

118
papers

3,817
citations

37
h-index

56
g-index

131
ext. papers

4,554
ext. citations

5.3
avg, IF

5.34
L-index

#	Paper	IF	Citations
118	An oleuropein rich-olive (<i>Olea europaea</i> L.) leaf extract reduces β amyloid and tau proteotoxicity through regulation of oxidative- and heat shock-stress responses in <i>Caenorhabditis elegans</i> .. <i>Food and Chemical Toxicology</i> , 2022 , 162, 112914	4.7	4
117	Screening of undiagnosed hyperglycaemia in the dental setting: The DiabetRisk study. A field trial. <i>Journal of Clinical Periodontology</i> , 2021 , 48, 378-388	7.7	3
116	Honey quality parameters, chemical composition and antimicrobial activity in twelve Ecuadorian stingless bees (Apidae: Apinae: Meliponini) tested against multiresistant human pathogens. <i>LWT - Food Science and Technology</i> , 2021 , 140, 110737	5.4	5
115	Sinus Floor Elevation via an Osteotome Technique without Biomaterials. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
114	Inhibition of the NLRP3 inflammasome prevents ovarian aging. <i>Science Advances</i> , 2021 , 7,	14.3	19
113	Diabetes Mellitus and Periodontitis Share Intracellular Disorders as the Main Meeting Point. <i>Cells</i> , 2021 , 10,	7.9	1
112	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. <i>Nutrients</i> , 2020 , 12,	6.7	5
111	Is AMP-Activated Protein Kinase Associated to the Metabolic Changes in Primary Ovarian Insufficiency?. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 1115-1121	8.4	2
110	Molecular inflammation and oxidative stress are shared mechanisms involved in both myocardial infarction and periodontitis. <i>Journal of Periodontal Research</i> , 2020 , 55, 519-528	4.3	19
109	Blockade of the NLRP3 inflammasome improves metabolic health and lifespan in obese mice. <i>GeroScience</i> , 2020 , 42, 715-725	8.9	12
108	Twenty-four Months Feeding on Unsaturated Dietary Fats (Virgin Olive, Sunflower, or Fish Oil) Differentially Modulate Gingival Mitochondria in the Rat. <i>EFood</i> , 2020 , 1, 61	1.9	3
107	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. <i>Aging Cell</i> , 2020 , 19, e13050	9.9	61
106	NLRP3 Inflammasome Inhibition by MCC950 in Aged Mice Improves Health via Enhanced Autophagy and PPAR α Activity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1457-1464	6.4	23
105	Fibroblasts Collagen Production and Histological Alterations in Hereditary Gingival Fibromatosis. <i>Diseases (Basel, Switzerland)</i> , 2019 , 7,	4.4	4
104	A review of the influence of periodontal treatment in systemic diseases. <i>Periodontology 2000</i> , 2019 , 79, 117-128	12.9	48
103	Cardiovascular diseases, NLRP3 inflammasome, and western dietary patterns. <i>Pharmacological Research</i> , 2018 , 131, 44-50	10.2	31
102	Autophagic dysfunction in patients with Papillon-Lefèvre syndrome is restored by recombinant cathepsin C treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1131-1143.e7	11.5	14

101	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , 2018 , 23,	4.8	25
100	Inflammasome and Oral Diseases. <i>Experientia Supplementum (2012)</i> , 2018 , 108, 153-176	2.2	4
99	Body fat and metabolic age as indicators of inflammation and cardiovascular risk. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 233-234	3.9	1
98	Effect of Coenzyme Q on Psychopathological Symptoms in Fibromyalgia Patients. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 188-189	6.8	9
97	The relationship between insulin resistance and periodontitis is not affected by Mediterranean diet in a Spanish population. <i>Archives of Oral Biology</i> , 2017 , 77, 62-67	2.8	4
96	Antidepressants induce autophagy dependent-NLRP3-inflammasome inhibition in Major depressive disorder. <i>Pharmacological Research</i> , 2017 , 121, 114-121	10.2	99
95	Could NLRP3-Inflammasome Be a Cardiovascular Risk Biomarker in Acute Myocardial Infarction Patients?. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 269-275	8.4	31
94	Psychological status in depressive patients correlates with metabolic gene expression. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 843-845	6.8	11
93	NLRP3-inflammasome inhibition prevents high fat and high sugar diets-induced heart damage through autophagy induction. <i>Oncotarget</i> , 2017 , 8, 99740-99756	3.3	37
92	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	44
91	Influence of the Periodontal Disease, the Most Prevalent Inflammatory Event, in Peroxisome Proliferator-Activated Receptors Linking Nutrition and Energy Metabolism. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
90	Inflammasome as a Key Pathogenic Mechanism in Endometriosis. <i>Current Drug Targets</i> , 2017 , 18, 997-1002	10.2	34
89	Stress-Induced Depressive Behaviors Require a Functional NLRP3 Inflammasome. <i>Molecular Neurobiology</i> , 2016 , 53, 4874-82	6.2	87
88	AMPK Phosphorylation Modulates Pain by Activation of NLRP3 Inflammasome. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 157-70	8.4	62
87	AMPK/Mitochondria in Metabolic Diseases. <i>Exs</i> , 2016 , 107, 129-152		15
86	Mutation in cytochrome b gene of mitochondrial DNA in a family with fibromyalgia is associated with NLRP3-inflammasome activation. <i>Journal of Medical Genetics</i> , 2016 , 53, 113-22	5.8	20
85	Coenzyme Q Protects Against Age-Related Alveolar Bone Loss Associated to n-6 Polyunsaturated Fatty Acid Rich-Diets by Modulating Mitochondrial Mechanisms. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 593-600	6.4	16
84	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. <i>Current Drug Targets</i> , 2016 , 17, 865-89	3	57

83	Role of Lipids in the Onset, Progression and Treatment of Periodontal Disease. A Systematic Review of Studies in Humans. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
82	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. <i>Molecules</i> , 2016 , 21,	4.8	12
81	Gene Expression Profile in Major Depressive Disorder Shows Reduced Mitochondrial Biogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 636-8	6.8	5
80	Effect of irrigation and stainless steel drills on dental implant bed heat generation. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 75	4.5	11
79	Metformin and caloric restriction induce an AMPK-dependent restoration of mitochondrial dysfunction in fibroblasts from Fibromyalgia patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1257-67	6.9	24
78	Assessment of periodontal and opportunistic flora in patients with peri-implantitis. <i>Clinical Oral Implants Research</i> , 2015 , 26, 937-941	4.8	62
77	Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement. <i>Pharmacological Research</i> , 2015 , 91, 1-8	10.2	36
76	Tieftemperatur-Isolierung des bicyclischen Phosphinophosphoniumsalzes [Mes*2P4Cl][GaCl4]. <i>Angewandte Chemie</i> , 2015 , 127, 7030-7034	3.6	16
75	Dietary antioxidants for chronic periodontitis prevention and its treatment: a review on current evidences from animal and human studies. <i>Ars Pharmaceutica</i> , 2015 , 56, 131-140	1.8	7
74	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. <i>Antioxidants</i> , 2015 , 4, 447-81	7.1	27
73	Advances in surfaces and osseointegration in implantology. Biomimetic surfaces. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2015 , 20, e316-25	2.6	19
72	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , 2015 , 4, 322-44	7.1	21
71	Oxidative stress, mitochondrial dysfunction and, inflammation common events in skin of patients with Fibromyalgia. <i>Mitochondrion</i> , 2015 , 21, 69-75	4.9	39
70	Obesity, diabetes mellitus, atherosclerosis and chronic periodontitis: a shared pathology via oxidative stress and mitochondrial dysfunction?. <i>Periodontology 2000</i> , 2014 , 64, 139-53	12.9	150
69	Burnout, depression and suicidal ideation in dental students. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2014 , 19, e206-11	2.6	39
68	Influence of two different machined-collar heights on crestal bone loss. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014 , 29, 1374-9	2.8	10
67	NLRP3 inflammasome is activated in fibromyalgia: the effect of coenzyme Q10. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1169-80	8.4	54
66	Aging-related changes in inflammatory and LKB1/AMPK gene expression in fibromyalgia patients. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 476-8	6.8	0

65	Confirmation of oxidative stress and fatty acid disturbances in two further Papillon-Lefèvre syndrome families with identification of a new mutation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2014 , 28, 1049-56	4.6	10
64	Comparative analysis of 2 resonance frequency measurement devices: Osstell Mentor and Osstell ISQ. <i>Implant Dentistry</i> , 2014 , 23, 351-6	2.4	11
63	Relation of periodontitis and metabolic syndrome with gestational glucose metabolism disorder. <i>Journal of Periodontology</i> , 2014 , 85, e1-8	4.6	15
62	New Theories and Their Clinical Relevance to the Onset and Development of Periodontal Diseases. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014 , 227-249		2
61	Can coenzyme q10 improve clinical and molecular parameters in fibromyalgia?. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1356-61	8.4	42
60	Is inflammation a mitochondrial dysfunction-dependent event in fibromyalgia?. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 800-7	8.4	51
59	Assessment of Osstell ISQ® reliability for implant stability measurement: a cross-sectional clinical study. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2013 , 18, e877-82	2.6	30
58	Diets based on virgin olive oil or fish oil but not on sunflower oil prevent age-related alveolar bone resorption by mitochondrial-related mechanisms. <i>PLoS ONE</i> , 2013 , 8, e74234	3.7	39
57	Coenzyme Q10 in salivary cells correlate with blood cells in Fibromyalgia: improvement in clinical and biochemical parameter after oral treatment. <i>Clinical Biochemistry</i> , 2012 , 45, 509-11	3.5	3
56	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. <i>BMC Medicine</i> , 2012 , 10, 122	11.4	87
55	Oral coenzyme Q10 supplementation improves clinical symptoms and recovers pathologic alterations in blood mononuclear cells in a fibromyalgia patient. <i>Nutrition</i> , 2012 , 28, 1200-3	4.8	29
54	Clinical indicators of periodontal disease in patients with coronary heart disease: a 10 years longitudinal study. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012 , 17, e569-74	2.6	19
53	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. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012 , 17, e821-4	2.6	8
52	Resonance frequency analysis-reliability in third generation instruments: Osstell mentor® . <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012 , 17, e801-6	2.6	26
51	Accidental displacement and migration of endosseous implants into adjacent craniofacial structures: a review and update. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012 , 17, e769-74	2.6	47
50	Utility of Periodontal exploration in patients with Fibromyalgia. <i>Journal of Clinical and Experimental Dentistry</i> , 2012 , 4, e40-2	1.4	0
49	Biological approaches to the development of novel periodontal therapies--consensus of the Seventh European Workshop on Periodontology. <i>Journal of Clinical Periodontology</i> , 2011 , 38 Suppl 11, 114-8	7.7	59
48	Mitochondrial dysfunction promoted by Porphyromonas gingivalis lipopolysaccharide as a possible link between cardiovascular disease and periodontitis. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 1336-43	7.8	71

47	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, 606-12	4.6	23
46	Conclusions and consensus statements on periodontal health, policy and education in Europe: a call for action--consensus view 1. Consensus report of the 1st European Workshop on Periodontal Education. <i>European Journal of Dental Education</i> , 2010 , 14 Suppl 1, 2-3	2.5	25
45	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010 , e813-e819	2.6	7
44	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, e952-6	2.6	14
43	Periodontitis is associated with altered plasma fatty acids and cardiovascular risk markers. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010 , 20, 133-9	4.5	51
42	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	5.7	89
41	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010 , 15, e813-9	2.6	5
40	Oral lichenoid lesions related to contact with dental materials: a literature review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2009 , 14, e514-20	2.6	13
39	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	1.3	2
38	Implant surfaces and design (Working Group 4). <i>Clinical Oral Implants Research</i> , 2009 , 20 Suppl 4, 228-31	4.8	70
37	Metabolic syndrome and periodontitis: is oxidative stress a common link?. <i>Journal of Dental Research</i> , 2009 , 88, 503-18	8.1	153
36	Gingival vascular damage in atherosclerotic rabbits: hydroxytyrosol and squalene benefits. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2327-31	4.7	27
35	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	2.6	18
34	A patient-administered Medical Risk Related History questionnaire (EMRRH) for use in 10 European countries (multicenter trial). <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 105, 597-605		36
33	Oxidative stress markers in oral lichen planus. <i>BioFactors</i> , 2008 , 33, 301-10	6.1	50
32	Radiological assessment of periapical status using the periapical index: comparison of periapical radiography and digital panoramic radiography. <i>International Endodontic Journal</i> , 2007 , 40, 433-40	5.4	35
31	Nifedipine and cyclosporin affect fibroblast calcium and gingiva. <i>Journal of Dental Research</i> , 2007 , 86, 357-62	8.1	13
30	Osteocalcin in serum, saliva and gingival crevicular fluid: their relation with periodontal treatment outcome in postmenopausal women. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2007 , 12, E193-7	2.6	11

29	Soft-tissue integration of implants. Consensus report of Working Group 2. <i>Clinical Oral Implants Research</i> , 2006 , 17 Suppl 2, 93-6	4.8	37
28	Myeloid sarcoma of the maxillary bone. <i>Journal of Oral Pathology and Medicine</i> , 2006 , 35, 254-6	3.3	17
27	Serum, saliva, and gingival crevicular fluid osteocalcin: their relation to periodontal status and bone mineral density in postmenopausal women. <i>Journal of Periodontology</i> , 2005 , 76, 513-9	4.6	44
26	In vitro antioxidant activities of antioxidant-enriched toothpastes. <i>Free Radical Research</i> , 2005 , 39, 343-50	5.0	16
25	Antioxidant status (CoQ10 and Vit. E levels) and immunohistochemical analysis of soft tissues in periodontal diseases. <i>BioFactors</i> , 2005 , 25, 213-7	6.1	23
24	Correlation between infant birth weight and mother's periodontal status. <i>Journal of Clinical Periodontology</i> , 2005 , 32, 299-304	7.7	64
23	Immunohistochemical analysis of soft tissues in implants with healthy and peri-implantitis condition, and aggressive periodontitis. <i>Clinical Oral Implants Research</i> , 2004 , 15, 553-9	4.8	61
22	The role of cathepsin C in Papillon-Lefèvre syndrome, prepubertal periodontitis, and aggressive periodontitis. <i>Human Mutation</i> , 2004 , 23, 222-8	4.7	82
21	The effect of Cyclosporine A chronic administration on the antioxidant pattern of rat liver mitochondria: structural and functional consequences. <i>BioFactors</i> , 2003 , 18, 271-5	6.1	6
20	Ultrastructure of the gingiva in cardiac patients treated with or without calcium channel blockers. <i>Journal of Clinical Periodontology</i> , 2003 , 30, 682-90	7.7	12
19	Comparison of modified Bass technique with normal toothbrushing practices for efficacy in supragingival plaque removal. <i>International Journal of Dental Hygiene</i> , 2003 , 1, 110-4	2.6	70
18	Alterations in the oxidation products, antioxidant markers, antioxidant capacity and lipid patterns in plasma of patients affected by Papillon-Lefèvre syndrome. <i>Free Radical Research</i> , 2003 , 37, 603-9	4	19
17	The antioxidant capacity of saliva. <i>Journal of Clinical Periodontology</i> , 2002 , 29, 189-94	7.7	199
16	In vitro antioxidant activities of mouthrinses and their components. <i>Journal of Clinical Periodontology</i> , 2002 , 29, 462-7	7.7	30
15	The gingival inflammatory infiltrate in cardiac patients treated with calcium antagonists. <i>Journal of Clinical Periodontology</i> , 2001 , 28, 897-903	7.7	7
14	Elevated hydroperoxide levels and antioxidant patterns in Papillon-Lefèvre syndrome. <i>Journal of Periodontology</i> , 2001 , 72, 1760-6	4.6	20
13	Effect of cigarette smoking on periodontal status of healthy young adults. <i>Journal of Periodontology</i> , 2000 , 71, 73-8	4.6	80
12	Periodontal status and treatment needs among Spanish hospitalized psychiatric patients. <i>Special Care in Dentistry</i> , 1999 , 19, 254-8	1.7	17

11	The influence of general health and socio-cultural variables on the periodontal condition of pregnant women. <i>Journal of Periodontology</i> , 1999 , 70, 779-85	4.6	70
10	Oxidative injury and inflammatory periodontal diseases: the challenge of anti-oxidants to free radicals and reactive oxygen species. <i>Critical Reviews in Oral Biology and Medicine</i> , 1999 , 10, 458-76		204
9	Craniofacial and oral manifestations of trichorhinophalangeal syndrome type I (Giedion's syndrome): a case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1997 , 84, 35-9		5
8	Dental health among institutionalized psychiatric patients in Spain. <i>Special Care in Dentistry</i> , 1997 , 17, 203-6	1.7	39
7	Evaluation of gingival and periodontal conditions following causal periodontal treatment in patients treated with nifedipine and diltiazem. <i>Journal of Clinical Periodontology</i> , 1996 , 23, 649-57	7.7	21
6	Clinical assessment of gingival size among patients treated with diltiazem. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1995 , 79, 300-4		23
5	Clinical assessment of gingival hyperplasia in patients treated with nifedipine. <i>Journal of Clinical Periodontology</i> , 1994 , 21, 256-9	7.7	30
4	Late onset Papillon-Lefèvre syndrome? A chromosomic, neutrophil function and microbiological study. <i>Journal of Clinical Periodontology</i> , 1993 , 20, 662-7	7.7	53
3	Effects of treatment with noradrenaline and isoproterenol on the excretory portion of the submaxillary gland in the rat: an ultrastructural study. <i>Cells Tissues Organs</i> , 1990 , 137, 324-30	2.1	1
2	Inhibition of the NLRP3 inflammasome prevents ovarian aging		1
1	Noncommunicable/Aging Diseases with the Perspective of Quantum Physics54-79		