

Pedro Bulln

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9514302/pedro-bullon-publications-by-citations.pdf>

Version: 2024-04-24

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.

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	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
117	The antioxidant capacity of saliva. <i>Journal of Clinical Periodontology</i> , 2002 , 29, 189-94	7.7	199
116	Metabolic syndrome and periodontitis: is oxidative stress a common link?. <i>Journal of Dental Research</i> , 2009 , 88, 503-18	8.1	153
115	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
114	Antidepressants induce autophagy dependent-NLRP3-inflammasome inhibition in Major depressive disorder. <i>Pharmacological Research</i> , 2017 , 121, 114-121	10.2	99
113	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
112	Stress-Induced Depressive Behaviors Require a Functional NLRP3 Inflammasome. <i>Molecular Neurobiology</i> , 2016 , 53, 4874-82	6.2	87
111	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
110	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
109	Effect of cigarette smoking on periodontal status of healthy young adults. <i>Journal of Periodontology</i> , 2000 , 71, 73-8	4.6	80
108	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
107	Implant surfaces and design (Working Group 4). <i>Clinical Oral Implants Research</i> , 2009 , 20 Suppl 4, 228-31	4.8	70
106	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
105	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
104	Correlation between infant birth weight and mother's periodontal status. <i>Journal of Clinical Periodontology</i> , 2005 , 32, 299-304	7.7	64
103	AMPK Phosphorylation Modulates Pain by Activation of NLRP3 Inflammasome. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 157-70	8.4	62
102	Assessment of periodontal and opportunistic flora in patients with peri-implantitis. <i>Clinical Oral Implants Research</i> , 2015 , 26, 937-941	4.8	62

101	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
100	NLRP3 inflammasome suppression improves longevity and prevents cardiac aging in male mice. <i>Aging Cell</i> , 2020 , 19, e13050	9.9	61
99	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
98	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
97	NLRP3 inflammasome is activated in fibromyalgia: the effect of coenzyme Q10. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1169-80	8.4	54
96	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
95	Is inflammation a mitochondrial dysfunction-dependent event in fibromyalgia?. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 800-7	8.4	51
94	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
93	Oxidative stress markers in oral lichen planus. <i>BioFactors</i> , 2008 , 33, 301-10	6.1	50
92	A review of the influence of periodontal treatment in systemic diseases. <i>Periodontology 2000</i> , 2019 , 79, 117-128	12.9	48
91	Accidental displacement and migration of endosseous implants into adjacent craniofacial structures: a review and update. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2012 , 17, e769-74	2.6	47
90	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	44
89	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
88	Can coenzyme q10 improve clinical and molecular parameters in fibromyalgia?. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 1356-61	8.4	42
87	Burnout, depression and suicidal ideation in dental students. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2014 , 19, e206-11	2.6	39
86	Oxidative stress, mitochondrial dysfunction and, inflammation common events in skin of patients with Fibromyalgia. <i>Mitochondrion</i> , 2015 , 21, 69-75	4.9	39
85	Dental health among institutionalized psychiatric patients in Spain. <i>Special Care in Dentistry</i> , 1997 , 17, 203-6	1.7	39
84	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

83	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
82	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
81	Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement. <i>Pharmacological Research</i> , 2015 , 91, 1-8	10.2	36
80	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
79	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
78	Inflammasome as a Key Pathogenic Mechanism in Endometriosis. <i>Current Drug Targets</i> , 2017 , 18, 997-1002		34
77	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
76	Cardiovascular diseases, NLRP3 inflammasome, and western dietary patterns. <i>Pharmacological Research</i> , 2018 , 131, 44-50	10.2	31
75	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
74	In vitro antioxidant activities of mouthrinses and their components. <i>Journal of Clinical Periodontology</i> , 2002 , 29, 462-7	7.7	30
73	Clinical assessment of gingival hyperplasia in patients treated with nifedipine. <i>Journal of Clinical Periodontology</i> , 1994 , 21, 256-9	7.7	30
72	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
71	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
70	Gingival vascular damage in atherosclerotic rabbits: hydroxytyrosol and squalene benefits. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2327-31	4.7	27
69	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
68	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , 2018 , 23,	4.8	25
67	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
66	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

65	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
64	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
63	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
62	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
61	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , 2015 , 4, 322-44	7.1	21
60	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
59	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
58	Elevated hydroperoxide levels and antioxidant patterns in Papillon-Lefèvre syndrome. <i>Journal of Periodontology</i> , 2001 , 72, 1760-6	4.6	20
57	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
56	Advances in surfaces and osseointegration in implantology. Biomimetic surfaces. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2015 , 20, e316-25	2.6	19
55	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
54	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
53	Inhibition of the NLRP3 inflammasome prevents ovarian aging. <i>Science Advances</i> , 2021 , 7,	14.3	19
52	In vitro evaluation of the influence of the cortical bone on the primary stability of two implant systems. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2009 , 14, E93-7	2.6	18
51	Myeloid sarcoma of the maxillary bone. <i>Journal of Oral Pathology and Medicine</i> , 2006 , 35, 254-6	3.3	17
50	Periodontal status and treatment needs among Spanish hospitalized psychiatric patients. <i>Special Care in Dentistry</i> , 1999 , 19, 254-8	1.7	17
49	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
48	Tieftemperatur-Isolierung des bicyclischen Phosphinophosphoniumsalzes [Mes*2P4Cl][GaCl4]. <i>Angewandte Chemie</i> , 2015 , 127, 7030-7034	3.6	16

47	In vitro antioxidant activities of antioxidant-enriched toothpastes. <i>Free Radical Research</i> , 2005 , 39, 343-50	16
46	AMPK/Mitochondria in Metabolic Diseases. <i>Exs</i> , 2016 , 107, 129-152	15
45	Relation of periodontitis and metabolic syndrome with gestational glucose metabolism disorder. <i>Journal of Periodontology</i> , 2014 , 85, e1-8	4.6 15
44	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
43	Assessment of periapical status: a comparative study using film-based periapical radiographs and digital panoramic images. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2010 , 15, e952-6	2.6 14
42	Oral lichenoid lesions related to contact with dental materials: a literature review. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2009 , 14, e514-20	2.6 13
41	Nifedipine and cyclosporin affect fibroblast calcium and gingiva. <i>Journal of Dental Research</i> , 2007 , 86, 357-62	8.1 13
40	Blockade of the NLRP3 inflammasome improves metabolic health and lifespan in obese mice. <i>GeroScience</i> , 2020 , 42, 715-725	8.9 12
39	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
38	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
37	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
36	Psychological status in depressive patients correlates with metabolic gene expression. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 843-845	6.8 11
35	Comparative analysis of 2 resonance frequency measurement devices: Osstell Mentor and Osstell ISQ. <i>Implant Dentistry</i> , 2014 , 23, 351-6	2.4 11
34	Osteocalcin in serum, saliva and gingival crevicular fluid: their relation with periodontal treatment outcome in postmenopausal women. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2007 , 12, E193-7	2.6 11
33	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
32	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
31	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
30	Effect of Coenzyme Q on Psychopathological Symptoms in Fibromyalgia Patients. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 188-189	6.8 9

29	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
28	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, Patologia Oral Y Cirugia Bucal</i> , 2012 , 17, e821-4	2.6	8
27	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
26	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010 , e813-e819	2.6	7
25	The gingival inflammatory infiltrate in cardiac patients treated with calcium antagonists. <i>Journal of Clinical Periodontology</i> , 2001 , 28, 897-903	7.7	7
24	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
23	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
22	Craniofacial and oral manifestations of trichorhinophalangeal syndrome type I (GiedionB syndrome): a case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1997 , 84, 35-9		5
21	Gene Expression Profile in Major Depressive Disorder Shows Reduced Mitochondrial Biogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 636-8	6.8	5
20	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
19	Burnout and depression among Spanish periodontology practitioners. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2010 , 15, e813-9	2.6	5
18	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
17	Fibroblasts Collagen Production and Histological Alterations in Hereditary Gingival Fibromatosis. <i>Diseases (Basel, Switzerland)</i> , 2019 , 7,	4.4	4
16	Inflammasome and Oral Diseases. <i>Experientia Supplementum (2012)</i> , 2018 , 108, 153-176	2.2	4
15	An oleuropein rich-olive (<i>Olea europaea</i> L.) leaf extract reduces ß-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
14	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
13	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
12	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

11	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
10	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
9	Sinus Floor Elevation via an Osteotome Technique without Biomaterials. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
8	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
7	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
6	Inhibition of the NLRP3 inflammasome prevents ovarian aging		1
5	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
4	Diabetes Mellitus and Periodontitis Share Intracellular Disorders as the Main Meeting Point. <i>Cells</i> , 2021 , 10,	7.9	1
3	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
2	Utility of Periodontal exploration in patients with Fibromyalgia. <i>Journal of Clinical and Experimental Dentistry</i> , 2012 , 4, e40-2	1.4	0
1	Noncommunicable/Aging Diseases with the Perspective of Quantum Physics54-79		