

Periodontal Disease Mechanisms: Reactive oxygen species and the pathogenesis of periodontal diseases

Oral Diseases

6, 138-151

DOI: [10.1111/j.1601-0825.2000.tb00325.x](https://doi.org/10.1111/j.1601-0825.2000.tb00325.x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Elevated Hydroperoxide Levels and Antioxidant Patterns in Papillon-Lefèvre Syndrome. Journal of Periodontology, 2001, 72, 1760-1766.	3.4	24
2	THE DEGRADATION OF HYALURONAN DURING PERIODONTAL DISEASES: A POTENTIAL ROLE FOR REACTIVE OXYGEN SPECIES. , 2002, , 223-229.		1
3	New Biomarker Evidence of Oxidative DNA Damage in Whole Saliva From Clinically Healthy and Periodontally Diseased Individuals. Journal of Periodontology, 2002, 73, 551-554.	3.4	137
4	The role of oxidised regenerated cellulose/collagen in chronic wound repair and its potential mechanism of action. International Journal of Biochemistry and Cell Biology, 2002, 34, 1544-1556.	2.8	166
5	The role of oxidised regenerated cellulose/collagen in wound repair: effects in vitro on fibroblast biology and in vivo in a model of compromised healing. International Journal of Biochemistry and Cell Biology, 2002, 34, 1557-1570.	2.8	99
6	Comparison of the antioxidant properties of HYAFF®-11p75, AQUACEL® and hyaluronan towards reactive oxygen species in vitro. Biomaterials, 2002, 23, 2255-2264.	11.4	55
7	Decrease in the total antioxidant activity of saliva in patients with periodontal diseases. Clinical Oral Investigations, 2003, 7, 103-107.	3.0	113
8	Comparison of the antioxidant properties of wound dressing materials“carboxymethylcellulose, hyaluronan benzyl ester and hyaluronan, towards polymorphonuclear leukocyte-derived reactive oxygen species. Biomaterials, 2003, 24, 1549-1557.	11.4	89
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10	Extracellular matrix metabolites as potential biomarkers of disease activity in wound fluid: lessons learned from other inflammatory diseases?. British Journal of Dermatology, 2004, 150, 401-413.	1.5	100
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15	A marker of oxidative stress in saliva: association with periodontally-involved teeth of a hopeless prognosis. Journal of Oral Science, 2005, 47, 53-57.	1.7	73
16	Actinobacillus actinomycetemcomitans-induced periodontal disease in mice: patterns of cytokine, chemokine, and chemokine receptor expression and leukocyte migration. Microbes and Infection, 2005, 7, 738-747.	1.9	78
17	Influence of selected wound dressings on PMN elastase in chronic wound fluid and their antioxidative potential in vitro. Biomaterials, 2005, 26, 6664-6673.	11.4	101
18	Detection of periodontopathic bacteria and an oxidative stress marker in saliva from periodontitis patients. Oral Microbiology and Immunology, 2005, 20, 216-220.	2.8	96

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19	Lipid peroxidation: a possible role in the induction and progression of chronic periodontitis. Journal of Periodontal Research, 2005, 40, 378-384.	2.7	216
20	Analysis of superoxide dismutase activity levels in gingiva and gingival crevicular fluid in patients with chronic periodontitis and periodontally healthy controls. Journal of Clinical Periodontology, 2005, 32, 238-243.	4.9	88
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25	Protective Effects of Grape Seed Proanthocyanidins Against Oxidative Stress Induced by Lipopolysaccharides of Periodontopathogens. Journal of Periodontology, 2006, 77, 1371-1379.	3.4	100
26	Total antioxidant capacity and superoxide dismutase activity levels in serum and gingival crevicular fluid in post-menopausal women with chronic periodontitis. Journal of Clinical Periodontology, 2006, 33, 385-392.	4.9	93
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55	An in-vitro model for comparing the efficiency of wound-rinsing solutions. Journal of Wound Care, 2009, 18, 229-236.	1.2	7
56	In-vitro test for comparing the efficacy of wound rinsing solutions. British Journal of Nursing, 2009, 18, S4-S10.	0.7	22
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92	Effect of Priming in Subpopulations of Peripheral Neutrophils From Patients with Chronic Periodontitis. <i>Journal of Periodontology</i> , 2012, 83, 1192-1199.	3.4	24
94	Irsogladine maleate regulates barrier function and neutrophil accumulation in the gingival epithelium. <i>Journal of Oral Biosciences</i> , 2012, 54, 79-82.	2.2	4
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96	Effects of L-ascorbic acid 2-phosphate magnesium salt on the properties of human gingival fibroblasts. <i>Journal of Periodontal Research</i> , 2012, 47, 263-271.	2.7	25
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104	Evidence that periodontal treatment improves biomarkers and CVD outcomes. <i>Journal of Clinical Periodontology</i> , 2013, 40, S85-105.	4.9	156
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106	Effect of Grape Seed Extract Upon Plasma Oxidative Status and Alveolar Bone, in Ligature Induced Periodontitis. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4131-4136.	1.3	6
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114	Total Oxidant Status and Bone Resorption Biomarkers in Serum and Gingival Crevicular Fluid of Patients With Periodontitis. Journal of Periodontology, 2014, 85, 317-326.	3.4	64
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126	Lipid Peroxidation Levels and Total Oxidant/Antioxidant Status in Serum and Saliva From Patients With Chronic and Aggressive Periodontitis. Oxidative Stress Index: A New Biomarker for Periodontal Disease?. Journal of Periodontology, 2014, 85, 1432-1441.	3.4	124
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137	Antioxidant Effect of Eugenol in Human Periodontal Ligament Fibroblasts. Korean Journal of Physical Anthropology, 2015, 28, 45.	0.2	8
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154	Porphyromonas gingivalis infection modifies oral microcirculation and aortic vascular function in the stroke-prone spontaneously hypertensive rat (SHRSP). Microbial Pathogenesis, 2016, 92, 36-42.	2.9	14
155	Hyaluronic acid: Perspectives in dentistry. A systematic review. International Journal of Immunopathology and Pharmacology, 2016, 29, 572-582.	2.1	110
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157	Influence of Periodontal Clinical Status on Salivary Levels of Glutathione Reductase. Journal of Periodontology, 2016, 87, 716-724.	3.4	8
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159	Effects of Melatonin on Oxidative Stress Index and Alveolar Bone Loss in Diabetic Rats With Periodontitis. Journal of Periodontology, 2016, 87, e82-90.	3.4	56
160	The Influences of Periodontal Status and Periodontal Pathogen Quantity on Salivary 8 β -Hydroxydeoxyguanosine and Interleukin-17 Levels. Journal of Periodontology, 2016, 87, 591-600.	3.4	23
161	Parameters of oxidative stress in saliva from patients with aggressive and chronic periodontitis. Redox Report, 2017, 22, 119-126.	4.5	29
162	Enzymatic synthesis of N-succinyl chitosan-collagen peptide copolymer and its characterization. Carbohydrate Polymers, 2017, 166, 45-54.	10.2	20
163	Inhibition and attenuation of pathogenicity of Porphyromonas gingivalis by leupeptin: A review. Frontiers in Biology, 2017, 12, 192-198.	0.7	2

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164	Anti-inflammatory, anti-osteoclastic, and antioxidant activities of genistein protect against alveolar bone loss and periodontal tissue degradation in a mouse model of periodontitis. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2510-2521.	4.0	60
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