Nurcan Buduneli

List of Publications by Year
in descending order

122 papers	5,680 citations	101543 36 h-index	88630 70 g-index
124 all docs	124 docs citations	124 times ranked	5825 citing authors

#	Article	IF	Citations
1	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Periodontology, 2018, 89, S173-S182.	3.4	1,322
2	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Periâ€Implant Diseases and Conditions. Journal of Clinical Periodontology, 2018, 45, S162-S170.	4.9	673
3	Metatranscriptomics of the Human Oral Microbiome during Health and Disease. MBio, 2014, 5, e01012-14.	4.1	311
4	Hostâ€derived diagnostic markers related to soft tissue destruction and bone degradation in periodontitis. Journal of Clinical Periodontology, 2011, 38, 85-105.	4.9	256
5	Periodontal infections and preâ€term low birth weight: a caseâ€control study. Journal of Clinical Periodontology, 2005, 32, 174-181.	4.9	129
6	Adipokines and Inflammatory Mediators After Initial Periodontal Treatment in Patients With Type 2 Diabetes and Chronic Periodontitis. Journal of Periodontology, 2010, 81, 24-33.	3.4	106
7	Effects of smoking and gingival inflammation on salivary antioxidant capacity. Journal of Clinical Periodontology, 2006, 33, 159-164.	4.9	79
8	Saliva and Serum Levels of Bâ€Cell Activating Factors and Tumor Necrosis Factorâ€Î± in Patients With Periodontitis. Journal of Periodontology, 2014, 85, 270-280.	3.4	78
9	Chlorhexidine decreases the risk of ventilatorâ€associated pneumonia in intensive care unit patients: a randomized clinical trial. Journal of Periodontal Research, 2012, 47, 584-592.	2.7	71
10	Periodontal diseases and stress: a brief review. Journal of Oral Rehabilitation, 2013, 40, 60-68.	3.0	71
11	Saliva concentrations of RANKL and osteoprotegerin in smoker versus nonâ€smoker chronic periodontitis patients. Journal of Clinical Periodontology, 2008, 35, 846-852.	4.9	66
12	Salivary Antioxidants in Patients With Type 1 or 2 Diabetes and Inflammatory Periodontal Disease: A Caseâ€Control Study. Journal of Periodontology, 2009, 80, 1440-1446.	3.4	64
13	Periodontal therapy in chronic periodontitis lowers gingival crevicular fluid interleukin-1beta and DAS28 in rheumatoid arthritis patients. Rheumatology International, 2013, 33, 2607-2616.	3.0	64
14	Interleukin-17 and interleukin-18 levels in saliva and plasma of patients with chronic periodontitis. Journal of Periodontal Research, 2011, 46, no-no.	2.7	63
15	Interleukinâ€17, RANKL, and Osteoprotegerin Levels in Gingival Crevicular Fluid From Smoking and Nonâ€Smoking Patients With Chronic Periodontitis During Initial Periodontal Treatment. Journal of Periodontology, 2009, 80, 1274-1280.	3.4	62
16	Gingival Crevicular Fluid MMPâ€8 and â^'13 and TIMPâ€1 Levels in Patients With Rheumatoid Arthritis and Inflammatory Periodontal Disease. Journal of Periodontology, 2009, 80, 1307-1314.	3.4	60
17	Smoking and matrix metalloproteinases, neutrophil elastase and myeloperoxidase in chronic periodontitis. Oral Diseases, 2011, 17, 68-76.	3.0	60
18	Evaluation of Transforming Growth Factor-Î²1 Level in Crevicular Fluid of Cyclosporin A-Treated Patients. Journal of Periodontology, 2001, 72, 526-531.	3.4	54

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19	Gingival crevicular fluid PGE2, IL-1ÃŸ, t-PA, PAI-2 levels in type 2 diabetes and relationship with periodontal disease. Clinical Biochemistry, 2008, 41, 863-868.	1.9	53
20	Gingival crevicular fluid IL-6, tPA, PAI-2, albumin levels following initial periodontal treatment in chronic periodontitis patients with or without type 2 diabetes. Inflammation Research, 2011, 60, 143-151.	4.0	53
21	Evaluation of t-PA, PAI-2, IL-1Î²and PGE2in gingival crevicular fluid of rheumatoid arthritis patients with periodontal disease. Journal of Clinical Periodontology, 2006, 33, 605-611.	4.9	52
22	Association between Polycystic Ovary Syndrome, Oral Microbiota and Systemic Antibody Responses. PLoS ONE, 2014, 9, e108074.	2.5	51
23	Individual and Combined Effects of Selective Cyclooxygenase-2 Inhibitor and Omega-3 Fatty Acid on Endotoxin-Induced Periodontitis in Rats. Journal of Periodontology, 2005, 76, 99-106.	3.4	49
24	Saliva and Serum Levels of Pentraxinâ€3 and Interleukinâ€1Î² in Generalized Aggressive or Chronic Periodontitis. Journal of Periodontology, 2014, 85, e40-6.	3.4	49
25	Osteoprotegerin levels in periâ€implant crevicular fluid. Clinical Oral Implants Research, 2008, 19, 283-288.	4.5	47
26	Is There an Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. Journal of Periodontology, 2012, 83, 1529-1537.	3.4	46
27	Serum and Salivary Matrix Metalloproteinases, Neutrophil Elastase, Myeloperoxidase in Patients with Chronic or Aggressive Periodontitis. Inflammation, 2014, 37, 1771-1778.	3.8	46
28	Is there an association between obstructive sleep apnea syndrome and periodontal inflammation?. Clinical Oral Investigations, 2016, 20, 659-668.	3.0	46
29	Is Interleukinâ€17 Involved in the Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. Journal of Periodontology, 2013, 84, 1827-1837.	3.4	45
30	Increased infection with key periodontal pathogens during gestational diabetes mellitus. Journal of Clinical Periodontology, 2015, 42, 506-512.	4.9	44
31	Biomarkers and Bacteria Around Implants and Natural Teeth in the Same Individuals. Journal of Periodontology, 2017, 88, 752-761.	3.4	44
32	Gingival Crevicular Fluid Matrix Metalloproteinase-8 Levels Following Adjunctive Use of Meloxicam and Initial Phase of Periodontal Therapy. Journal of Periodontology, 2002, 73, 103-109.	3.4	43
33	Matrix Metalloproteinases, Tissue Inhibitor of Matrix Metalloproteinaseâ€1, and Laminin‐5 Î³2 Chain Immunolocalization in Gingival Tissue of Endotoxinâ€Induced Periodontitis in Rats: Effects of Lowâ€Dose Doxycycline and Alendronate. Journal of Periodontology, 2007, 78, 127-134.	3.4	41
34	Salivary Cytokines and the Association Between Obstructive Sleep Apnea Syndrome and Periodontal Disease. Journal of Periodontology, 2014, 85, e251-8.	3.4	40
35	Effects of Combined Systemic Administration of Low-Dose Doxycycline and Alendronate on Endotoxin-Induced Periodontitis in Rats. Journal of Periodontology, 2004, 75, 1516-1523.	3.4	39
36	Gingival Crevicular Fluid, Serum Levels of Receptor Activator of Nuclear Factorâ€ºB Ligand, Osteoprotegerin, and Interleukinâ€17 in Patients With Rheumatoid Arthritis and Osteoporosis and With Periodontal Disease. Journal of Periodontology, 2013, 84, 1627-1637.	3.4	38

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37	Is obesity a possible modifier of periodontal disease as a chronic inflammatory process? A caseâ€“control study. Journal of Periodontal Research, 2014, 49, 465-471.	2.7	37
38	The Effects of Selective COXâ€2 Inhibitor/Celecoxib and Omegaâ€3 Fatty Acid on Matrix Metalloproteinases, TIMPâ€1, and Lamininâ€5Î³2â€Chain Immunolocalization in Experimental Periodontitis. Journal of Periodontology, 2008, 79, 1934-1941.	3.4	36
39	Interleukin-33 Levels in Gingival Crevicular Fluid, Saliva, or Plasma Do Not Differentiate Chronic Periodontitis. Journal of Periodontology, 2012, 83, 362-368.	3.4	36
40	Environmental factors and periodontal microbiome. Periodontology 2000, 2021, 85, 112-125.	13.4	35
41	Salivary metabolomics for the diagnosis of periodontal diseases: a systematic review with methodological quality assessment. Metabolomics, 2021, 17, 1.	3.0	35
42	Entire papilla preservation technique in the regenerative treatment of deep intrabony defects: 1â€Year results. Journal of Clinical Periodontology, 2017, 44, 926-932.	4.9	34
43	C-telopeptide pyridinoline crosslinks of type I collagen, soluble RANKL, and osteoprotegerin levels in crevicular fluid of dental implants with peri-implantitis: a case-control study. International Journal of Oral and Maxillofacial Implants, 2011, 26, 282-9.	1.4	34
44	Altered Antigenic Profiling and Infectivity of Porphyromonas gingivalis in Smokers and Nonâ€Smokers With Periodontitis. Journal of Periodontology, 2014, 85, 837-844.	3.4	32
45	Salivary and Plasma Levels of Tollâ€Like Receptor 2 and Tollâ€Like Receptor 4 in Chronic Periodontitis. Journal of Periodontology, 2011, 82, 878-884.	3.4	31
46	Plasma osteoprotegerin levels are decreased in smoker chronic periodontitis patients. Australian Dental Journal, 2010, 55, 405-410.	1.5	29
47	Crevicular fluid matrix metalloproteinase-8, -13, and TIMP-1 levels in type 2 diabetics. Oral Diseases, 2010, 16, 476-481.	3.0	28
48	Clinical outcomes of the entire papilla preservation technique with and without biomaterials in the treatment of isolated intrabony defects: A randomized controlled clinical trial. Journal of Clinical Periodontology, 2020, 47, 470-478.	4.9	28
49	Dietary Supplementation of Omega-3 Fatty Acid and Circulating Levels of Interleukin-1Î², Osteocalcin, and C-Reactive Protein in Rats. Journal of Periodontology, 2006, 77, 814-820.	3.4	27
50	Elevated matrix metalloproteinase-8 in saliva and serum in polycystic ovary syndrome and association with gingival inflammation. Innate Immunity, 2015, 21, 619-625.	2.4	27
51	Entire Papilla Preservation Technique: A Novel Surgical Approach for Regenerative Treatment of Deep and Wide Intrabony Defects. International Journal of Periodontics and Restorative Dentistry, 2017, 37, 227-233.	1.0	27
52	Plasminogen activator system in smokers and non-smokers with and without periodontal disease. Journal of Clinical Periodontology, 2005, 32, 417-424.	4.9	26
53	Periodontal health and serum, saliva matrix metalloproteinases in patients with mild chronic obstructive pulmonary disease. Journal of Periodontal Research, 2013, 48, 269-275.	2.7	26
54	In vitro studies of a degradable device for controlled-release of meloxicam. Journal of Clinical Periodontology, 2005, 32, 773-777.	4.9	25

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55	Tobaccoâ€induced suppression of the vascular response to dental plaque. Molecular Oral Microbiology, 2018, 33, 271-282.	2.7	25
56	In vitro studies on controlled-release cellulose acetate films for local delivery of chlorhexidine, indomethacin, and meloxicam. Journal of Clinical Periodontology, 2004, 31, 1117-1121.	4.9	24
57	Active matrix metalloproteinase-8 (aMMP-8) point-of-care test (POCT) in the COVID-19 pandemic. Expert Review of Proteomics, 2021, 18, 707-717.	3.0	24
58	Pulmonary aspiration of a two-unit bridge during a deep sleep. Journal of Oral Rehabilitation, 2005, 32, 461-463.	3.0	23
59	Prepubertal periodontitis associated with chronic granulomatous disease. Journal of Clinical Periodontology, 2001, 28, 589-593.	4.9	22
60	Evaluation of Biochemical Parameters and Local and Systemic Levels of Osteoactive and B-Cell Stimulatory Factors in Gestational Diabetes in the Presence or Absence of Gingivitis. Journal of Periodontology, 2015, 86, 387-397.	3.4	21
61	Gingival Inflammation and Salivary or Serum Granulocyte-Secreted Enzymes in Patients With Polycystic Ovary Syndrome. Journal of Periodontology, 2017, 88, 1145-1152.	3.4	21
62	Shared microbiological and immunological patterns in periodontitis and IBD: A scoping review. Oral Diseases, 2022, 28, 1029-1041.	3.0	21
63	The Role of Smoking and Gingival Crevicular Fluid Markers on Coronally Advanced Flap Outcomes. Journal of Periodontology, 2014, 85, 395-405.	3.4	19
64	Do salivary and serum collagenases have a role in an association between obstructive sleep apnea syndrome and periodontal disease? A preliminary caseâ€“control study. Archives of Oral Biology, 2015, 60, 134-143.	1.8	19
65	Evaluation of the relationship between smoking during pregnancy and subgingival microbiota. Journal of Clinical Periodontology, 2005, 32, 68-74.	4.9	18
66	Systemic Low-Dose Doxycycline and Alendronate Administration and Serum Interleukin-1Beta, Osteocalcin, and C-Reactive Protein Levels in Rats. Journal of Periodontology, 2005, 76, 1927-1933.	3.4	18
67	Salivary osteocalcin levels are decreased in smoker chronic periodontitis patients. Oral Diseases, 2011, 17, 200-205.	3.0	18
68	Microbiological and biochemical findings in relation with clinical periodontal status in active smokers, non-smokers and passive smokers. Tobacco Induced Diseases, 2019, 17, 20.	0.6	18
69	Plasminogen activators and plasminogen activator inhibitors in gingival crevicular fluid of cyclosporin A-treated patients. Journal of Clinical Periodontology, 2004, 31, 556-561.	4.9	17
70	Effects of smoking on salivary C-telopeptide pyridinoline cross-links of type I collagen and osteocalcin levels. Archives of Oral Biology, 2009, 54, 1099-1104.	1.8	17
71	Exposure of Porphyromonas gingivalis to cortisol increases bacterial growth. Archives of Oral Biology, 2014, 59, 30-34.	1.8	17
72	Effects of smoking on nonâ€surgical periodontal therapy in patients with periodontitis Stage III or IV, and Grade C. Journal of Periodontology, 2020, 91, 442-453.	3.4	17

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73	Acellular dermal matrix allograft used to gain attached gingiva in a case of epidermolysis bullosa. Journal of Clinical Periodontology, 2003, 30, 1011-1015.	4.9	16
74	Immunohistochemical Evaluation of Ki-67 Expression and Apoptosis in Cyclosporin A-Induced Gingival Overgrowth. Journal of Periodontology, 2007, 78, 282-289.	3.4	16
75	Differentiation of Chronic and Aggressive Periodontitis by FTIR Spectroscopy. Journal of Dental Research, 2016, 95, 1472-1478.	5.2	16
76	Clinical findings and gingival crevicular fluid prostaglandin E2 and interleukin-1-beta levels following initial periodontal treatment and short-term meloxicam administration. Expert Opinion on Pharmacotherapy, 2010, 11, 1805-1812.	1.8	15
77	The Association Between Thalassemia Major and Periodontal Health. Journal of Periodontology, 2015, 86, 1047-1057.	3.4	15
78	Subgingival Plaque in Periodontal Health Antagonizes at Toll-Like Receptor 4 and Inhibits E-Selectin Expression on Endothelial Cells. Infection and Immunity, 2016, 84, 120-126.	2.2	15
79	Clinical periodontal status and inflammatory cytokines in gestational diabetes mellitus. Archives of Oral Biology, 2016, 72, 87-91.	1.8	15
80	Smokers have a higher risk of inflammatory periâ€implant disease than nonâ€smokers. Oral Diseases, 2018, 24, 30-32.	3.0	15
81	Immunohistochemical analysis of epidermal growth factor receptor in cyclosporin A-induced gingival overgrowth. Acta Odontologica Scandinavica, 2001, 59, 367-371.	1.6	14
82	Fatty Acid Profiles in Smokers with Chronic Periodontitis. Journal of Dental Research, 2011, 90, 47-52.	5.2	14
83	Gingival crevicular fluid and serum levels of APRIL, BAFF and TNF-alpha in rheumatoid arthritis and osteoporosis patients with periodontal disease. Archives of Oral Biology, 2013, 58, 1302-1308.	1.8	14
84	Coronally advanced flap with connective tissue graft or xenogeneic acellular dermal matrix in the treatment of multiple gingival recessions: A splitâ€mouth randomized clinical trial. Journal of Esthetic and Restorative Dentistry, 2020, 32, 380-388.	3.8	14
85	Evaluation of information quality on the internet for periodontal disease patients. Oral Diseases, 2021, 27, 348-356.	3.0	14
86	Proteolytic Mediators in Gestational Diabetes Mellitus and Gingivitis. Journal of Periodontology, 2017, 88, 289-297.	3.4	12
87	Flow-cytometric analysis of lymphocyte subsets and mCD14 expression in patients with various periodontitis categories. Journal of Clinical Periodontology, 2001, 28, 419-424.	4.9	11
88	Systemic Biomarkers for Periodontitis. Current Oral Health Reports, 2015, 2, 218-226.	1.6	11
89	Effects of Selective Cyclooxygenase-2 Inhibitor and Omega-3 Fatty Acid on Serum Interleukin-1Î², Osteocalcin, and C-Reactive Protein Levels in Rats. Journal of Periodontology, 2006, 77, 657-663.	3.4	10
90	Gingival status, crevicular fluid tissueâ€type plasminogen activator, plasminogen activator inhibitorâ€2 levels in pregnancy versus postâ€partum. Australian Dental Journal, 2010, 55, 292-297.	1.5	10

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91	Gingival tissue proteoglycan and chondroitin-4-sulphate levels in cyclosporin A-induced gingival overgrowth and the effects of initial periodontal treatment. Journal of Clinical Periodontology, 2005, 32, 634-639.	4.9	9
92	Association of thalassemia major and gingival inflammation: A pilot study. Archives of Oral Biology, 2016, 64, 80-84.	1.8	9
93	Periodontal treatment outcomes in smokers: A narrative review. Tobacco Induced Diseases, 2021, 19, 1-8.	0.6	9
94	Extraâ€short implants in the prosthetic rehabilitation of the posterior maxilla. Australian Dental Journal, 2019, 64, 353-358.	1.5	8
95	Plasma Levels of C-Telopeptide Pyridinoline Cross-Links of Type I Collagen and Osteocalcin in Chronic Periodontitis. Inflammation, 2011, 34, 203-208.	3.8	7
96	Total Proteoglycan and Chondroitin-4- Sulfate Levels in Gingiva of Patients With Various Types of Periodontitis. Journal of Periodontology, 2004, 75, 393-398.	3.4	5
97	Inflammatory Mediators in Periodontal Pathogenesis. Mediators of Inflammation, 2019, 2019, 1-2.	3.0	5
98	Reconstructive surgical treatment of isolated deep intrabony defects with guided tissue regeneration using entire papilla preservation technique: A prospective case series. Journal of Periodontology, 2021, 92, 488-495.	3.4	5
99	Dental Findings and Treatment in Consanguinity Associated Congenital Chronic Familial Neutropenia. Journal of Clinical Pediatric Dentistry, 2007, 31, 123-126.	1.0	4
100	Intraoral versus extraoral cementation of implantâ€supported single crowns: Clinical, biomarker, and microbiological comparisons. Clinical Implant Dentistry and Related Research, 2018, 20, 170-179.	3.7	4
101	Biomarkers in Saliva and Serum Samples for Periodontal Disease and Interactions with Systemic Health. Current Oral Health Reports, 2019, 6, 31-36.	1.6	4
102	Communication Skills of the Clinician and Patient Motivation in Dental Practice. Current Oral Health Reports, 2020, 7, 202-207.	1.6	4
103	Calcium, vitamin D supplements with or without alendronate and supragingival calculus formation in osteoporotic women: a preliminary study. Expert Opinion on Pharmacotherapy, 2008, 9, 2015-2020.	1.8	3
104	Effect of gingival inflammation on the inflammatory response in patients with idiopathic uveitis. Journal of Clinical Periodontology, 2016, 43, 637-645.	4.9	3
105	Root coverage with coronally advanced flap:6â€year followâ€up. Australian Dental Journal, 2019, 64, 346-352.	1.5	3
106	Biochemical analysis of total collagen content and collagen types I, III, IV, V and VI in gingiva of various periodontitis categories. Journal of the International Academy of Periodontology, 2001, 3, 1-6.	0.7	3
107	Plaque Accumulation and Inflammation Adjacent to Restorations of Amorphous Calcium Phosphate-containing Composite in Early Childhood Caries. Oral Health & Preventive Dentistry, 2018, 16, 457-465.	0.5	3
108	Dental management of isolated growth hormone deficiency: a case report. Journal of Clinical Pediatric Dentistry, 2005, 29, 263-266.	1.0	2

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109	Effects of Tobacco Smoking on Chronic Periodontitis and Periodontal Treatment. , 2012, , .		2
110	Diamond burs versus curettes in root planing: a randomized clinical trial. Australian Dental Journal, 2018, 63, 242-252.	1.5	2
111	Cholinergic signalling mechanisms and early implant healing phases in healthy versus generalized aggressive periodontitis patients: A prospective, caseâ€“control study. Journal of Clinical Periodontology, 2019, 46, 1155-1163.	4.9	2
112	Hyperglycemia and periodontitis: Possible mechanisms of interaction. Oral Diseases, 2019, 25, 925-927.	3.0	2
113	Biomarkers for Periodontal Diseases. , 2020, , 41-58.		2
114	Editorial: Can we help smoking patients? How?. Oral Health & Preventive Dentistry, 2018, 16, 389-390.	0.5	2
115	What has COVIDâ€19 taken from us and brought instead?. Oral Diseases, 2021, 27, 762-763.	3.0	1
116	AyÅŸe MAYDA: The first Turkish female orthodontist and a living centenary icon!. Oral Diseases, 2021, 27, 1343-1345.	3.0	1
117	Biological Samples for Biomarkers: Strengths and Weaknesses. , 2020, , 59-68.		1
118	Letter to the Editor: Authorsâ€™ Response. Journal of Periodontology, 2015, 86, 486-488.	3.4	0
119	Author Response. Journal of Clinical Periodontology, 2017, 44, 635-635.	4.9	0
120	Implications of Antimicrobial Usage to Prevent Bacteremia for Periodontal Therapy. Current Oral Health Reports, 2018, 5, 19-25.	1.6	0
121	Altered levels of inhibitory cytokines in patients with thalassemia major and gingival inflammation. Brazilian Dental Science, 2019, 22, 349-357.	0.4	0
122	Biomarkers in Periodontal Disease and Systemic Health Intersection. , 2020, , 79-86.		0