

Nurcan Buduneli

List of Publications by Year in descending order

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Version: 2024-02-01

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	Shared microbiological and immunological patterns in periodontitis and IBD: A scoping review. Oral Diseases, 2022, 28, 1029-1041.	3.0	21
2	What has COVID-19 taken from us and brought instead?. Oral Diseases, 2021, 27, 762-763.	3.0	1
3	Environmental factors and periodontal microbiome. Periodontology 2000, 2021, 85, 112-125.	13.4	35
4	Evaluation of information quality on the internet for periodontal disease patients. Oral Diseases, 2021, 27, 348-356.	3.0	14
5	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
6	Salivary metabolomics for the diagnosis of periodontal diseases: a systematic review with methodological quality assessment. Metabolomics, 2021, 17, 1.	3.0	35
7	AyÅŸe MAYDA: The first Turkish female orthodontist and a living centenary icon!. Oral Diseases, 2021, 27, 1343-1345.	3.0	1
8	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
9	Periodontal treatment outcomes in smokers: A narrative review. Tobacco Induced Diseases, 2021, 19, 1-8.	0.6	9
10	Effects of smoking on non-surgical periodontal therapy in patients with periodontitis Stage III or IV, and Grade C. Journal of Periodontology, 2020, 91, 442-453.	3.4	17
11	Coronally advanced flap with connective tissue graft or xenogeneic acellular dermal matrix in the treatment of multiple gingival recessions: A split-mouth randomized clinical trial. Journal of Esthetic and Restorative Dentistry, 2020, 32, 380-388.	3.8	14
12	Communication Skills of the Clinician and Patient Motivation in Dental Practice. Current Oral Health Reports, 2020, 7, 202-207.	1.6	4
13	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
14	Biomarkers in Periodontal Disease and Systemic Health Intersection. , 2020, , 79-86.		0
15	Biomarkers for Periodontal Diseases. , 2020, , 41-58.		2
16	Biological Samples for Biomarkers: Strengths and Weaknesses. , 2020, , 59-68.		1
17	Extra-short implants in the prosthetic rehabilitation of the posterior maxilla. Australian Dental Journal, 2019, 64, 353-358.	1.5	8
18	Root coverage with coronally advanced flap: 6-year follow-up. Australian Dental Journal, 2019, 64, 346-352.	1.5	3

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19	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
20	Inflammatory Mediators in Periodontal Pathogenesis. Mediators of Inflammation, 2019, 2019, 1-2.	3.0	5
21	Hyperglycemia and periodontitis: Possible mechanisms of interaction. Oral Diseases, 2019, 25, 925-927.	3.0	2
22	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
23	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
24	Altered levels of inhibitory cytokines in patients with thalassemia major and gingival inflammation. Brazilian Dental Science, 2019, 22, 349-357.	0.4	0
25	Diamond burs versus curettes in root planing: a randomized clinical trial. Australian Dental Journal, 2018, 63, 242-252.	1.5	2
26	Implications of Antimicrobial Usage to Prevent Bacteremia for Periodontal Therapy. Current Oral Health Reports, 2018, 5, 19-25.	1.6	0
27	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
28	Smokers have a higher risk of inflammatory periâ€“implant disease than nonâ€“smokers. Oral Diseases, 2018, 24, 30-32.	3.0	15
29	Tobaccoâ€“induced suppression of the vascular response to dental plaque. Molecular Oral Microbiology, 2018, 33, 271-282.	2.7	25
30	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
31	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
32	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
33	Editorial: Can we help smoking patients? How?. Oral Health & Preventive Dentistry, 2018, 16, 389-390.	0.5	2
34	Author Response. Journal of Clinical Periodontology, 2017, 44, 635-635.	4.9	0
35	Biomarkers and Bacteria Around Implants and Natural Teeth in the Same Individuals. Journal of Periodontology, 2017, 88, 752-761.	3.4	44
36	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

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37	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
38	Proteolytic Mediators in Gestational Diabetes Mellitus and Gingivitis. Journal of Periodontology, 2017, 88, 289-297.	3.4	12
39	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
40	Effect of gingival inflammation on the inflammatory response in patients with idiopathic uveitis. Journal of Clinical Periodontology, 2016, 43, 637-645.	4.9	3
41	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
42	Differentiation of Chronic and Aggressive Periodontitis by FTIR Spectroscopy. Journal of Dental Research, 2016, 95, 1472-1478.	5.2	16
43	Clinical periodontal status and inflammatory cytokines in gestational diabetes mellitus. Archives of Oral Biology, 2016, 72, 87-91.	1.8	15
44	Association of thalassemia major and gingival inflammation: A pilot study. Archives of Oral Biology, 2016, 64, 80-84.	1.8	9
45	Is there an association between obstructive sleep apnea syndrome and periodontal inflammation?. Clinical Oral Investigations, 2016, 20, 659-668.	3.0	46
46	Increased infection with key periodontal pathogens during gestational diabetes mellitus. Journal of Clinical Periodontology, 2015, 42, 506-512.	4.9	44
47	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
48	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
49	Letter to the Editor: Authorsâ€™ Response. Journal of Periodontology, 2015, 86, 486-488.	3.4	0
50	Systemic Biomarkers for Periodontitis. Current Oral Health Reports, 2015, 2, 218-226.	1.6	11
51	The Association Between Thalassemia Major and Periodontal Health. Journal of Periodontology, 2015, 86, 1047-1057.	3.4	15
52	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
53	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
54	Saliva and Serum Levels of Pentraxinâ€‘3 and Interleukinâ€‘1âˆ² in Generalized Aggressive or Chronic Periodontitis. Journal of Periodontology, 2014, 85, e40-6.	3.4	49

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55	Serum and Salivary Matrix Metalloproteinases, Neutrophil Elastase, Myeloperoxidase in Patients with Chronic or Aggressive Periodontitis. <i>Inflammation</i> , 2014, 37, 1771-1778.	3.8	46
56	The Role of Smoking and Gingival Crevicular Fluid Markers on Coronally Advanced Flap Outcomes. <i>Journal of Periodontology</i> , 2014, 85, 395-405.	3.4	19
57	Altered Antigenic Profiling and Infectivity of <i>Porphyromonas gingivalis</i> in Smokers and Non-Smokers With Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, 837-844.	3.4	32
58	Salivary Cytokines and the Association Between Obstructive Sleep Apnea Syndrome and Periodontal Disease. <i>Journal of Periodontology</i> , 2014, 85, e251-8.	3.4	40
59	Metatranscriptomics of the Human Oral Microbiome during Health and Disease. <i>MBio</i> , 2014, 5, e01012-14.	4.1	311
60	Exposure of <i>Porphyromonas gingivalis</i> to cortisol increases bacterial growth. <i>Archives of Oral Biology</i> , 2014, 59, 30-34.	1.8	17
61	Saliva and Serum Levels of Cell Activating Factors and Tumor Necrosis Factor- α in Patients With Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, 270-280.	3.4	78
62	Association between Polycystic Ovary Syndrome, Oral Microbiota and Systemic Antibody Responses. <i>PLoS ONE</i> , 2014, 9, e108074.	2.5	51
63	Periodontal therapy in chronic periodontitis lowers gingival crevicular fluid interleukin-1 β and DAS28 in rheumatoid arthritis patients. <i>Rheumatology International</i> , 2013, 33, 2607-2616.	3.0	64
64	Gingival crevicular fluid and serum levels of APRIL, BAFF and TNF- α in rheumatoid arthritis and osteoporosis patients with periodontal disease. <i>Archives of Oral Biology</i> , 2013, 58, 1302-1308.	1.8	14
65	Periodontal diseases and stress: a brief review. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 60-68.	3.0	71
66	Periodontal health and serum, saliva matrix metalloproteinases in patients with mild chronic obstructive pulmonary disease. <i>Journal of Periodontal Research</i> , 2013, 48, 269-275.	2.7	26
67	Is Interleukin-17 Involved in the Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. <i>Journal of Periodontology</i> , 2013, 84, 1827-1837.	3.4	45
68	Gingival Crevicular Fluid, Serum Levels of Receptor Activator of Nuclear Factor- κ B Ligand, Osteoprotegerin, and Interleukin-17 in Patients With Rheumatoid Arthritis and Osteoporosis and With Periodontal Disease. <i>Journal of Periodontology</i> , 2013, 84, 1627-1637.	3.4	38
69	Is There an Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. <i>Journal of Periodontology</i> , 2012, 83, 1529-1537.	3.4	46
70	Interleukin-33 Levels in Gingival Crevicular Fluid, Saliva, or Plasma Do Not Differentiate Chronic Periodontitis. <i>Journal of Periodontology</i> , 2012, 83, 362-368.	3.4	36
71	Effects of Tobacco Smoking on Chronic Periodontitis and Periodontal Treatment. , 2012, , .		2
72	Chlorhexidine decreases the risk of ventilator-associated pneumonia in intensive care unit patients: a randomized clinical trial. <i>Journal of Periodontal Research</i> , 2012, 47, 584-592.	2.7	71

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73	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
74	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
75	Smoking and matrix metalloproteinases, neutrophil elastase and myeloperoxidase in chronic periodontitis. Oral Diseases, 2011, 17, 68-76.	3.0	60
76	Salivary osteocalcin levels are decreased in smoker chronic periodontitis patients. Oral Diseases, 2011, 17, 200-205.	3.0	18
77	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
78	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
79	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
80	Fatty Acid Profiles in Smokers with Chronic Periodontitis. Journal of Dental Research, 2011, 90, 47-52.	5.2	14
81	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
82	Crevicular fluid matrix metalloproteinase-8, -13, and TIMP-1 levels in type 2 diabetics. Oral Diseases, 2010, 16, 476-481.	3.0	28
83	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
84	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
85	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
86	Plasma osteoprotegerin levels are decreased in smoker chronic periodontitis patients. Australian Dental Journal, 2010, 55, 405-410.	1.5	29
87	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
88	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
89	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
90	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

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91	Gingival crevicular fluid PGE2, IL-1 β , t-PA, PAI-2 levels in type 2 diabetes and relationship with periodontal disease. Clinical Biochemistry, 2008, 41, 863-868.	1.9	53
92	Osteoprotegerin levels in peri-implant crevicular fluid. Clinical Oral Implants Research, 2008, 19, 283-288.	4.5	47
93	Saliva concentrations of RANKL and osteoprotegerin in smoker <i>versus</i> non-smoker chronic periodontitis patients. Journal of Clinical Periodontology, 2008, 35, 846-852.	4.9	66
94	The Effects of Selective COX-2 Inhibitor/Celecoxib and Omega-3 Fatty Acid on Matrix Metalloproteinases, TIMP-1, and Laminin-5 β 2 Chain Immunolocalization in Experimental Periodontitis. Journal of Periodontology, 2008, 79, 1934-1941.	3.4	36
95	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
96	Dental Findings and Treatment in Consanguinity Associated Congenital Chronic Familial Neutropenia. Journal of Clinical Pediatric Dentistry, 2007, 31, 123-126.	1.0	4
97	Immunohistochemical Evaluation of Ki-67 Expression and Apoptosis in Cyclosporin A-Induced Gingival Overgrowth. Journal of Periodontology, 2007, 78, 282-289.	3.4	16
98	Matrix Metalloproteinases, Tissue Inhibitor of Matrix Metalloproteinase-1, and Laminin-5 β 2 Chain Immunolocalization in Gingival Tissue of Endotoxin-Induced Periodontitis in Rats: Effects of Low-Dose Doxycycline and Alendronate. Journal of Periodontology, 2007, 78, 127-134.	3.4	41
99	Effects of Selective Cyclooxygenase-2 Inhibitor and Omega-3 Fatty Acid on Serum Interleukin-1 β , Osteocalcin, and C-Reactive Protein Levels in Rats. Journal of Periodontology, 2006, 77, 657-663.	3.4	10
100	Dietary Supplementation of Omega-3 Fatty Acid and Circulating Levels of Interleukin-1 β , Osteocalcin, and C-Reactive Protein in Rats. Journal of Periodontology, 2006, 77, 814-820.	3.4	27
101	Effects of smoking and gingival inflammation on salivary antioxidant capacity. Journal of Clinical Periodontology, 2006, 33, 159-164.	4.9	79
102	Evaluation of t-PA, PAI-2, IL-1 β and PGE2 in gingival crevicular fluid of rheumatoid arthritis patients with periodontal disease. Journal of Clinical Periodontology, 2006, 33, 605-611.	4.9	52
103	Dental management of isolated growth hormone deficiency: a case report. Journal of Clinical Pediatric Dentistry, 2005, 29, 263-266.	1.0	2
104	Pulmonary aspiration of a two-unit bridge during a deep sleep. Journal of Oral Rehabilitation, 2005, 32, 461-463.	3.0	23
105	Plasminogen activator system in smokers and non-smokers with and without periodontal disease. Journal of Clinical Periodontology, 2005, 32, 417-424.	4.9	26
106	Evaluation of the relationship between smoking during pregnancy and subgingival microbiota. Journal of Clinical Periodontology, 2005, 32, 68-74.	4.9	18
107	Periodontal infections and pre-term low birth weight: a case-control study. Journal of Clinical Periodontology, 2005, 32, 174-181.	4.9	129
108	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

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109	In vitro studies of a degradable device for controlled-release of meloxicam. Journal of Clinical Periodontology, 2005, 32, 773-777.	4.9	25
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	Immunohistochemical analysis of epidermal growth factor receptor in cyclosporin A-induced gingival overgrowth. Acta Odontologica Scandinavica, 2001, 59, 367-371.	1.6	14
119	Evaluation of Transforming Growth Factor- β 21 Level in Crevicular Fluid of Cyclosporin A-Treated Patients. Journal of Periodontology, 2001, 72, 526-531.	3.4	54
120	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
121	Prepubertal periodontitis associated with chronic granulomatous disease. Journal of Clinical Periodontology, 2001, 28, 589-593.	4.9	22
122	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