

Nurcan Buduneli

List of Publications by Year in descending order

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122
papers

5,680
citations

101384

36
h-index

88477

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 Peri-Implant Diseases and Conditions. <i>Journal of Periodontology</i> , 2018, 89, S173-S182.	1.7	1,322
2	Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. <i>Journal of Clinical Periodontology</i> , 2018, 45, S162-S170.	2.3	673
3	Metatranscriptomics of the Human Oral Microbiome during Health and Disease. <i>MBio</i> , 2014, 5, e01012-14.	1.8	311
4	Host-derived diagnostic markers related to soft tissue destruction and bone degradation in periodontitis. <i>Journal of Clinical Periodontology</i> , 2011, 38, 85-105.	2.3	256
5	Periodontal infections and pre-term low birth weight: a case-control study. <i>Journal of Clinical Periodontology</i> , 2005, 32, 174-181.	2.3	129
6	Adipokines and Inflammatory Mediators After Initial Periodontal Treatment in Patients With Type 2 Diabetes and Chronic Periodontitis. <i>Journal of Periodontology</i> , 2010, 81, 24-33.	1.7	106
7	Effects of smoking and gingival inflammation on salivary antioxidant capacity. <i>Journal of Clinical Periodontology</i> , 2006, 33, 159-164.	2.3	79
8	Saliva and Serum Levels of B-Cell Activating Factors and Tumor Necrosis Factor- α in Patients With Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, 270-280.	1.7	78
9	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.	1.4	71
10	Periodontal diseases and stress: a brief review. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 60-68.	1.3	71
11	Saliva concentrations of RANKL and osteoprotegerin in smoker versus non-smoker chronic periodontitis patients. <i>Journal of Clinical Periodontology</i> , 2008, 35, 846-852.	2.3	66
12	Salivary Antioxidants in Patients With Type 1 or 2 Diabetes and Inflammatory Periodontal Disease: A Case-Control Study. <i>Journal of Periodontology</i> , 2009, 80, 1440-1446.	1.7	64
13	Periodontal therapy in chronic periodontitis lowers gingival crevicular fluid interleukin-1beta and DAS28 in rheumatoid arthritis patients. <i>Rheumatology International</i> , 2013, 33, 2607-2616.	1.5	64
14	Interleukin-17 and interleukin-18 levels in saliva and plasma of patients with chronic periodontitis. <i>Journal of Periodontal Research</i> , 2011, 46, no-no.	1.4	63
15	Interleukin-17, RANKL, and Osteoprotegerin Levels in Gingival Crevicular Fluid From Smoking and Non-smoking Patients With Chronic Periodontitis During Initial Periodontal Treatment. <i>Journal of Periodontology</i> , 2009, 80, 1274-1280.	1.7	62
16	Gingival Crevicular Fluid MMP-8 and -13 and TIMP-1 Levels in Patients With Rheumatoid Arthritis and Inflammatory Periodontal Disease. <i>Journal of Periodontology</i> , 2009, 80, 1307-1314.	1.7	60
17	Smoking and matrix metalloproteinases, neutrophil elastase and myeloperoxidase in chronic periodontitis. <i>Oral Diseases</i> , 2011, 17, 68-76.	1.5	60
18	Evaluation of Transforming Growth Factor- β 1 Level in Crevicular Fluid of Cyclosporin A-Treated Patients. <i>Journal of Periodontology</i> , 2001, 72, 526-531.	1.7	54

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19	Gingival crevicular fluid PGE2, IL-1 β , t-PA, PAI-2 levels in type 2 diabetes and relationship with periodontal disease. <i>Clinical Biochemistry</i> , 2008, 41, 863-868.	0.8	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. <i>Inflammation Research</i> , 2011, 60, 143-151.	1.6	53
21	Evaluation of t-PA, PAI-2, IL-1 β and PGE2 in gingival crevicular fluid of rheumatoid arthritis patients with periodontal disease. <i>Journal of Clinical Periodontology</i> , 2006, 33, 605-611.	2.3	52
22	Association between Polycystic Ovary Syndrome, Oral Microbiota and Systemic Antibody Responses. <i>PLoS ONE</i> , 2014, 9, e108074.	1.1	51
23	Individual and Combined Effects of Selective Cyclooxygenase-2 Inhibitor and Omega-3 Fatty Acid on Endotoxin-Induced Periodontitis in Rats. <i>Journal of Periodontology</i> , 2005, 76, 99-106.	1.7	49
24	Saliva and Serum Levels of Pentraxin β and Interleukin β 1 β in Generalized Aggressive or Chronic Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, e40-6.	1.7	49
25	Osteoprotegerin levels in peri-implant crevicular fluid. <i>Clinical Oral Implants Research</i> , 2008, 19, 283-288.	1.9	47
26	Is There an Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. <i>Journal of Periodontology</i> , 2012, 83, 1529-1537.	1.7	46
27	Serum and Salivary Matrix Metalloproteinases, Neutrophil Elastase, Myeloperoxidase in Patients with Chronic or Aggressive Periodontitis. <i>Inflammation</i> , 2014, 37, 1771-1778.	1.7	46
28	Is there an association between obstructive sleep apnea syndrome and periodontal inflammation?. <i>Clinical Oral Investigations</i> , 2016, 20, 659-668.	1.4	46
29	Is Interleukin β 7 Involved in the Interaction Between Polycystic Ovary Syndrome and Gingival Inflammation?. <i>Journal of Periodontology</i> , 2013, 84, 1827-1837.	1.7	45
30	Increased infection with key periodontal pathogens during gestational diabetes mellitus. <i>Journal of Clinical Periodontology</i> , 2015, 42, 506-512.	2.3	44
31	Biomarkers and Bacteria Around Implants and Natural Teeth in the Same Individuals. <i>Journal of Periodontology</i> , 2017, 88, 752-761.	1.7	44
32	Gingival Crevicular Fluid Matrix Metalloproteinase-8 Levels Following Adjunctive Use of Meloxicam and Initial Phase of Periodontal Therapy. <i>Journal of Periodontology</i> , 2002, 73, 103-109.	1.7	43
33	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. <i>Journal of Periodontology</i> , 2007, 78, 127-134.	1.7	41
34	Salivary Cytokines and the Association Between Obstructive Sleep Apnea Syndrome and Periodontal Disease. <i>Journal of Periodontology</i> , 2014, 85, e251-8.	1.7	40
35	Effects of Combined Systemic Administration of Low-Dose Doxycycline and Alendronate on Endotoxin-Induced Periodontitis in Rats. <i>Journal of Periodontology</i> , 2004, 75, 1516-1523.	1.7	39
36	Gingival Crevicular Fluid, Serum Levels of Receptor Activator of Nuclear Factor β Ligand, Osteoprotegerin, and Interleukin β 7 in Patients With Rheumatoid Arthritis and Osteoporosis and With Periodontal Disease. <i>Journal of Periodontology</i> , 2013, 84, 1627-1637.	1.7	38

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37	Is obesity a possible modifier of periodontal disease as a chronic inflammatory process? A case-control study. <i>Journal of Periodontal Research</i> , 2014, 49, 465-471.	1.4	37
38	The Effects of Selective COX-2 Inhibitor/Celecoxib and Omega-3 Fatty Acid on Matrix Metalloproteinases, TIMP-1, and Laminin-5 α 2 Chain Immunolocalization in Experimental Periodontitis. <i>Journal of Periodontology</i> , 2008, 79, 1934-1941.	1.7	36
39	Interleukin-33 Levels in Gingival Crevicular Fluid, Saliva, or Plasma Do Not Differentiate Chronic Periodontitis. <i>Journal of Periodontology</i> , 2012, 83, 362-368.	1.7	36
40	Environmental factors and periodontal microbiome. <i>Periodontology 2000</i> , 2021, 85, 112-125.	6.3	35
41	Salivary metabolomics for the diagnosis of periodontal diseases: a systematic review with methodological quality assessment. <i>Metabolomics</i> , 2021, 17, 1.	1.4	35
42	Entire papilla preservation technique in the regenerative treatment of deep intrabony defects: 1-year results. <i>Journal of Clinical Periodontology</i> , 2017, 44, 926-932.	2.3	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. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011, 26, 282-9.	0.6	34
44	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.	1.7	32
45	Salivary and Plasma Levels of Toll-Like Receptor 2 and Toll-Like Receptor 4 in Chronic Periodontitis. <i>Journal of Periodontology</i> , 2011, 82, 878-884.	1.7	31
46	Plasma osteoprotegerin levels are decreased in smoker chronic periodontitis patients. <i>Australian Dental Journal</i> , 2010, 55, 405-410.	0.6	29
47	Crevicular fluid matrix metalloproteinase-8, -13, and TIMP-1 levels in type 2 diabetics. <i>Oral Diseases</i> , 2010, 16, 476-481.	1.5	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. <i>Journal of Clinical Periodontology</i> , 2020, 47, 470-478.	2.3	28
49	Dietary Supplementation of Omega-3 Fatty Acid and Circulating Levels of Interleukin-1 β , Osteocalcin, and C-Reactive Protein in Rats. <i>Journal of Periodontology</i> , 2006, 77, 814-820.	1.7	27
50	Elevated matrix metalloproteinase-8 in saliva and serum in polycystic ovary syndrome and association with gingival inflammation. <i>Innate Immunity</i> , 2015, 21, 619-625.	1.1	27
51	Entire Papilla Preservation Technique: A Novel Surgical Approach for Regenerative Treatment of Deep and Wide Intrabony Defects. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, 227-233.	0.4	27
52	Plasminogen activator system in smokers and non-smokers with and without periodontal disease. <i>Journal of Clinical Periodontology</i> , 2005, 32, 417-424.	2.3	26
53	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.	1.4	26
54	In vitro studies of a degradable device for controlled-release of meloxicam. <i>Journal of Clinical Periodontology</i> , 2005, 32, 773-777.	2.3	25

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55	Tobacco-induced suppression of the vascular response to dental plaque. <i>Molecular Oral Microbiology</i> , 2018, 33, 271-282.	1.3	25
56	In vitro studies on controlled-release cellulose acetate films for local delivery of chlorhexidine, indomethacin, and meloxicam. <i>Journal of Clinical Periodontology</i> , 2004, 31, 1117-1121.	2.3	24
57	Active matrix metalloproteinase-8 (aMMP-8) point-of-care test (POCT) in the COVID-19 pandemic. <i>Expert Review of Proteomics</i> , 2021, 18, 707-717.	1.3	24
58	Pulmonary aspiration of a two-unit bridge during a deep sleep. <i>Journal of Oral Rehabilitation</i> , 2005, 32, 461-463.	1.3	23
59	Prepubertal periodontitis associated with chronic granulomatous disease. <i>Journal of Clinical Periodontology</i> , 2001, 28, 589-593.	2.3	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. <i>Journal of Periodontology</i> , 2015, 86, 387-397.	1.7	21
61	Gingival Inflammation and Salivary or Serum Granulocyte-Secreted Enzymes in Patients With Polycystic Ovary Syndrome. <i>Journal of Periodontology</i> , 2017, 88, 1145-1152.	1.7	21
62	Shared microbiological and immunological patterns in periodontitis and IBD: A scoping review. <i>Oral Diseases</i> , 2022, 28, 1029-1041.	1.5	21
63	The Role of Smoking and Gingival Crevicular Fluid Markers on Coronally Advanced Flap Outcomes. <i>Journal of Periodontology</i> , 2014, 85, 395-405.	1.7	19
64	Do salivary and serum collagenases have a role in an association between obstructive sleep apnea syndrome and periodontal disease? A preliminary case-control study. <i>Archives of Oral Biology</i> , 2015, 60, 134-143.	0.8	19
65	Evaluation of the relationship between smoking during pregnancy and subgingival microbiota. <i>Journal of Clinical Periodontology</i> , 2005, 32, 68-74.	2.3	18
66	Systemic Low-Dose Doxycycline and Alendronate Administration and Serum Interleukin-1Beta, Osteocalcin, and C-Reactive Protein Levels in Rats. <i>Journal of Periodontology</i> , 2005, 76, 1927-1933.	1.7	18
67	Salivary osteocalcin levels are decreased in smoker chronic periodontitis patients. <i>Oral Diseases</i> , 2011, 17, 200-205.	1.5	18
68	Microbiological and biochemical findings in relation with clinical periodontal status in active smokers, non-smokers and passive smokers. <i>Tobacco Induced Diseases</i> , 2019, 17, 20.	0.3	18
69	Plasminogen activators and plasminogen activator inhibitors in gingival crevicular fluid of cyclosporin A-treated patients. <i>Journal of Clinical Periodontology</i> , 2004, 31, 556-561.	2.3	17
70	Effects of smoking on salivary C-telopeptide pyridinoline cross-links of type I collagen and osteocalcin levels. <i>Archives of Oral Biology</i> , 2009, 54, 1099-1104.	0.8	17
71	Exposure of <i>Porphyromonas gingivalis</i> to cortisol increases bacterial growth. <i>Archives of Oral Biology</i> , 2014, 59, 30-34.	0.8	17
72	Effects of smoking on non-surgical periodontal therapy in patients with periodontitis Stage III or IV, and Grade C. <i>Journal of Periodontology</i> , 2020, 91, 442-453.	1.7	17

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73	Acellular dermal matrix allograft used to gain attached gingiva in a case of epidermolysis bullosa. <i>Journal of Clinical Periodontology</i> , 2003, 30, 1011-1015.	2.3	16
74	Immunohistochemical Evaluation of Ki-67 Expression and Apoptosis in Cyclosporin A-Induced Gingival Overgrowth. <i>Journal of Periodontology</i> , 2007, 78, 282-289.	1.7	16
75	Differentiation of Chronic and Aggressive Periodontitis by FTIR Spectroscopy. <i>Journal of Dental Research</i> , 2016, 95, 1472-1478.	2.5	16
76	Clinical findings and gingival crevicular fluid prostaglandin E2 and interleukin-1-beta levels following initial periodontal treatment and short-term meloxicam administration. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 1805-1812.	0.9	15
77	The Association Between Thalassemia Major and Periodontal Health. <i>Journal of Periodontology</i> , 2015, 86, 1047-1057.	1.7	15
78	Subgingival Plaque in Periodontal Health Antagonizes at Toll-Like Receptor 4 and Inhibits E-Selectin Expression on Endothelial Cells. <i>Infection and Immunity</i> , 2016, 84, 120-126.	1.0	15
79	Clinical periodontal status and inflammatory cytokines in gestational diabetes mellitus. <i>Archives of Oral Biology</i> , 2016, 72, 87-91.	0.8	15
80	Smokers have a higher risk of inflammatory peri-implant disease than non-smokers. <i>Oral Diseases</i> , 2018, 24, 30-32.	1.5	15
81	Immunohistochemical analysis of epidermal growth factor receptor in cyclosporin A-induced gingival overgrowth. <i>Acta Odontologica Scandinavica</i> , 2001, 59, 367-371.	0.9	14
82	Fatty Acid Profiles in Smokers with Chronic Periodontitis. <i>Journal of Dental Research</i> , 2011, 90, 47-52.	2.5	14
83	Gingival crevicular fluid and serum levels of APRIL, BAFF and TNF-alpha in rheumatoid arthritis and osteoporosis patients with periodontal disease. <i>Archives of Oral Biology</i> , 2013, 58, 1302-1308.	0.8	14
84	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. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 380-388.	1.8	14
85	Evaluation of information quality on the internet for periodontal disease patients. <i>Oral Diseases</i> , 2021, 27, 348-356.	1.5	14
86	Proteolytic Mediators in Gestational Diabetes Mellitus and Gingivitis. <i>Journal of Periodontology</i> , 2017, 88, 289-297.	1.7	12
87	Flow-cytometric analysis of lymphocyte subsets and mCD14 expression in patients with various periodontitis categories. <i>Journal of Clinical Periodontology</i> , 2001, 28, 419-424.	2.3	11
88	Systemic Biomarkers for Periodontitis. <i>Current Oral Health Reports</i> , 2015, 2, 218-226.	0.5	11
89	Effects of Selective Cyclooxygenase-2 Inhibitor and Omega-3 Fatty Acid on Serum Interleukin-1 β , Osteocalcin, and C-Reactive Protein Levels in Rats. <i>Journal of Periodontology</i> , 2006, 77, 657-663.	1.7	10
90	Gingival status, crevicular fluid tissue-type plasminogen activator, plasminogen activator inhibitor-2 levels in pregnancy versus post-partum. <i>Australian Dental Journal</i> , 2010, 55, 292-297.	0.6	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. <i>Journal of Clinical Periodontology</i> , 2005, 32, 634-639.	2.3	9
92	Association of thalassemia major and gingival inflammation: A pilot study. <i>Archives of Oral Biology</i> , 2016, 64, 80-84.	0.8	9
93	Periodontal treatment outcomes in smokers: A narrative review. <i>Tobacco Induced Diseases</i> , 2021, 19, 1-8.	0.3	9
94	Extra-short implants in the prosthetic rehabilitation of the posterior maxilla. <i>Australian Dental Journal</i> , 2019, 64, 353-358.	0.6	8
95	Plasma Levels of C-Telopeptide Pyridinoline Cross-Links of Type I Collagen and Osteocalcin in Chronic Periodontitis. <i>Inflammation</i> , 2011, 34, 203-208.	1.7	7
96	Total Proteoglycan and Chondroitin-4- Sulfate Levels in Gingiva of Patients With Various Types of Periodontitis. <i>Journal of Periodontology</i> , 2004, 75, 393-398.	1.7	5
97	Inflammatory Mediators in Periodontal Pathogenesis. <i>Mediators of Inflammation</i> , 2019, 2019, 1-2.	1.4	5
98	Reconstructive surgical treatment of isolated deep intrabony defects with guided tissue regeneration using entire papilla preservation technique: A prospective case series. <i>Journal of Periodontology</i> , 2021, 92, 488-495.	1.7	5
99	Dental Findings and Treatment in Consanguinity Associated Congenital Chronic Familial Neutropenia. <i>Journal of Clinical Pediatric Dentistry</i> , 2007, 31, 123-126.	0.5	4
100	Intraoral versus extraoral cementation of implant-supported single crowns: Clinical, biomarker, and microbiological comparisons. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 170-179.	1.6	4
101	Biomarkers in Saliva and Serum Samples for Periodontal Disease and Interactions with Systemic Health. <i>Current Oral Health Reports</i> , 2019, 6, 31-36.	0.5	4
102	Communication Skills of the Clinician and Patient Motivation in Dental Practice. <i>Current Oral Health Reports</i> , 2020, 7, 202-207.	0.5	4
103	Calcium, vitamin D supplements with or without alendronate and supragingival calculus formation in osteoporotic women: a preliminary study. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 2015-2020.	0.9	3
104	Effect of gingival inflammation on the inflammatory response in patients with idiopathic uveitis. <i>Journal of Clinical Periodontology</i> , 2016, 43, 637-645.	2.3	3
105	Root coverage with coronally advanced flap: 6-year follow-up. <i>Australian Dental Journal</i> , 2019, 64, 346-352.	0.6	3
106	Biochemical analysis of total collagen content and collagen types I, III, IV, V and VI in gingiva of various periodontitis categories. <i>Journal of the International Academy of Periodontology</i> , 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. <i>Oral Health & Preventive Dentistry</i> , 2018, 16, 457-465.	0.3	3
108	Dental management of isolated growth hormone deficiency: a case report. <i>Journal of Clinical Pediatric Dentistry</i> , 2005, 29, 263-266.	0.5	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.	0.6	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.	2.3	2
112	Hyperglycemia and periodontitis: Possible mechanisms of interaction. Oral Diseases, 2019, 25, 925-927.	1.5	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.	0.3	2
115	What has COVIDâ€“19 taken from us and brought instead?. Oral Diseases, 2021, 27, 762-763.	1.5	1
116	AyÅ“ye MAYDA: The first Turkish female orthodontist and a living centenary icon!. Oral Diseases, 2021, 27, 1343-1345.	1.5	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.	1.7	0
119	Author Response. Journal of Clinical Periodontology, 2017, 44, 635-635.	2.3	0
120	Implications of Antimicrobial Usage to Prevent Bacteremia for Periodontal Therapy. Current Oral Health Reports, 2018, 5, 19-25.	0.5	0
121	Altered levels of inhibitory cytokines in patients with thalassemia major and gingival inflammation. Brazilian Dental Science, 2019, 22, 349-357.	0.1	0
122	Biomarkers in Periodontal Disease and Systemic Health Intersection. , 2020, , 79-86.		0