Ulvi K Gursoy

List of Publications by Year
in descending order

112 papers	3,294 citations	172207 29 h-index	189595 50 g-index
112 all docs	112 docs citations	112 times ranked	3983 citing authors

#	Article	IF	Citations
1	Periodontitis: A Multifaceted Disease of Tooth-Supporting Tissues. Journal of Clinical Medicine, 2019, 8, 1135.	1.0	382
2	Analysis of matrix metalloproteinases, especially MMPâ€8, in gingival crevicular fluid, mouthrinse and saliva for monitoring periodontal diseases. Periodontology 2000, 2016, 70, 142-163.	6.3	207
3	Salivary MMPâ€8, TIMPâ€1, and ICTP as markers of advanced periodontitis. Journal of Clinical Periodontology, 2010, 37, 487-493.	2.3	161
4	Salivary biomarkers of bacterial burden, inflammatory response, and tissue destruction in periodontitis. Journal of Clinical Periodontology, 2014, 41, 442-450.	2.3	101
5	The role of polygenic risk and susceptibility genes in breast cancer over the course of life. Nature Communications, 2020, 11, 6383.	5.8	101
6	Impact of orally administered lozenges with Lactobacillus rhamnosus GG and Bifidobacterium animalis subsp. lactis BB-12 on the number of salivary mutans streptococci, amount of plaque, gingival inflammation and the oral microbiome in healthy adults. Clinical Oral Investigations, 2015, 19, 77-83.	1.4	99
7	Salivary type I collagen degradation endâ€products and related matrix metalloproteinases in periodontitis. Journal of Clinical Periodontology, 2013, 40, 18-25.	2.3	91
8	Anti-biofilm properties of Satureja hortensis L. essential oil against periodontal pathogens. Anaerobe, 2009, 15, 164-167.	1.0	86
9	Use of Host- and Bacteria-Derived Salivary Markers in Detection of Periodontitis: A Cumulative Approach. Disease Markers, 2011, 30, 299-305.	0.6	78
10	Salivary interleukinâ€1 Î² concentration and the presence of multiple pathogens in periodontitis. Journal of Clinical Periodontology, 2009, 36, 922-927.	2.3	77
11	The role of nickel accumulation and epithelial cell proliferation in orthodontic treatment-induced gingival overgrowth. European Journal of Orthodontics, 2007, 29, 555-558.	1.1	72
12	Biofilm Formation Enhances the Oxygen Tolerance and Invasiveness of Fusobacterium nucleatum in an Oral Mucosa Culture Model. Journal of Periodontology, 2010, 81, 1084-1091.	1.7	68
13	Understanding the roles of gingival beta-defensins. Journal of Oral Microbiology, 2012, 4, 15127.	1.2	62
14	Stimulation of epithelial cell matrix metalloproteinase (MMPâ€2, â€9, â€13) and interleukinâ€8 secretion by fusobacteria. Oral Microbiology and Immunology, 2008, 23, 432-434.	2.8	59
15	Periodontal pathogen carriage, rather than periodontitis, determines the serum antibody levels. Journal of Clinical Periodontology, 2011, 38, 405-411.	2.3	55
16	Intracellular replication of fusobacteria requires new actin filament formation of epithelial cells. Apmis, 2008, 116, 1063-1070.	0.9	46
17	A Novel Organotypic Dento-Epithelial Culture Model: Effect of Fusobacterium nucleatum Biofilm on B-Defensin-2, -3, and LL-37 Expression. Journal of Periodontology, 2012, 83, 242-247.	1.7	44
18	Salivary Concentrations of Interleukin (IL)â€1Î², ILâ€17A, and ILâ€23 Vary in Relation to Periodontal Status. Journal of Periodontology, 2016, 87, 1484-1491.	1.7	44

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19	Alveolar Bone Loss Associated With Ageâ€Related Macular Degeneration in Males. Journal of Periodontology, 2013, 84, 58-67.	1.7	40
20	Critical steps in electronic volume quantification of gingival crevicular fluid: the potential impact of evaporation, fluid retention, local conditions and repeated measurements. Journal of Periodontal Research, 2004, 39, 344-357.	1.4	39
21	Effect of estradiol on planktonic growth, coaggregation, and biofilm formation of the Prevotella intermedia group bacteria. Anaerobe, 2014, 27, 7-13.	1.0	39
22	Salivary cytokine levels in early gingival inflammation. Journal of Oral Microbiology, 2017, 9, 1364101.	1.2	38
23	Use of host- and bacteria-derived salivary markers in detection of periodontitis: a cumulative approach. Disease Markers, 2011, 30, 299-305.	0.6	38
24	Oral Prevotella Species and Their Connection to Events of Clinical Relevance in Gastrointestinal and Respiratory Tracts. Frontiers in Microbiology, 2021, 12, 798763.	1.5	38
25	Human Neutrophil Defensins and Their Effect on Epithelial Cells. Journal of Periodontology, 2013, 84, 126-133.	1.7	37
26	Overexpressions of hBD-2, hBD-3, and hCAP18/LL-37 in Gingiva of Diabetics with Periodontitis. Immunobiology, 2015, 220, 1219-1226.	0.8	37
27	Periodontitis as a Risk Factor for Preterm Low Birth Weight. Yonsei Medical Journal, 2008, 49, 200.	0.9	35
28	Salivary Antimicrobial Peptides in Early Detection of Periodontitis. Frontiers in Cellular and Infection Microbiology, 2015, 5, 99.	1.8	35
29	Combining Salivary Pathogen and Serum Antibody Levels Improves Their Diagnostic Ability in Detection of Periodontitis. Journal of Periodontology, 2014, 85, 123-131.	1.7	34
30	High Salivary Estrogen and Risk of Developing Pregnancy Gingivitis. Journal of Periodontology, 2013, 84, 1281-1289.	1.7	33
31	Personalized medicine beyond genomics: alternative futures in big dataâ€”proteomics, environtome and the social proteome. Journal of Neural Transmission, 2017, 124, 25-32.	1.4	32
32	Longitudinal study of salivary proteinases during pregnancy and postpartum. Journal of Periodontal Research, 2010, 45, 496-503.	1.4	30
33	Palatal mucosa necrosis because of accidental sodium hypochlorite injection instead of anaesthetic solution. International Endodontic Journal, 2006, 39, 157-161.	2.3	29
34	Periodontal Status and Neutrophilic Enzyme Levels in Gingival Crevicular Fluid During Pregnancy and Postpartum. Journal of Periodontology, 2010, 81, 1790-1796.	1.7	28
35	Biofilms as â€œConnectorsâ€• for Oral and Systems Medicine: A New Opportunity for Biomarkers, Molecular Targets, and Bacterial Eradication. OMICS A Journal of Integrative Biology, 2016, 20, 3-11.	1.0	28
36	Molecular forms and fragments of salivary MMPâ€8 in relation to periodontitis. Journal of Clinical Periodontology, 2018, 45, 1421-1428.	2.3	28

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37	Bioinformatical andin vitroapproaches to essential oil-induced matrix metalloproteinase inhibition. Pharmaceutical Biology, 2012, 50, 675-686.	1.3	25
38	Cumulative use of salivary markers with an adaptive design improves detection of periodontal disease over fixed biomarker thresholds. Acta Odontologica Scandinavica, 2018, 76, 493-496.	0.9	24
39	Active matrix metalloproteinase-8 and interleukin-6 detect periodontal degeneration caused by radiotherapy of head and neck cancer: a pilot study. Expert Review of Proteomics, 2020, 17, 777-784.	1.3	23
40	Prevotella species as oral residents and infectious agents with potential impact on systemic conditions. Journal of Oral Microbiology, 2022, 14, .	1.2	23
41	Prevotella intermedia ATCC 25611 targets host cell lamellipodia in epithelial cell adhesion and invasion. Oral Microbiology and Immunology, 2009, 24, 304-309.	2.8	22
42	Focussed microarray analysis of apoptosis in periodontitis and its potential pharmacological targeting by carvacrol. Archives of Oral Biology, 2014, 59, 461-469.	0.8	21
43	Gingival tissue human betaâ€defensin levels in relation to infection and inflammation. Journal of Clinical Periodontology, 2020, 47, 309-318.	2.3	21
44	Pregnancy-Induced Gingivitis and OMICS in Dentistry: In Silico Modeling and in Vivo Prospective Validation of Estradiol-Modulated Inflammatory Biomarkers. OMICS A Journal of Integrative Biology, 2014, 18, 582-590.	1.0	20
45	An Oral Rinse Active Matrix Metalloproteinase-8 Point-of-Care Immunotest May Be Less Accurate in Patients with Crohnâ€™s Disease. Biomolecules, 2020, 10, 395.	1.8	19
46	Assessment of mandibular bone mineral density in patients with type 2 diabetes mellitus. Dentomaxillofacial Radiology, 2005, 34, 327-331.	1.3	18
47	Regulation of gingival epithelial cytokine response by bacterial cyclic dinucleotides. Journal of Oral Microbiology, 2019, 11, 1538927.	1.2	18
48	Salivary human beta-defensins and cathelicidin levels in relation to periodontitis and type 2 diabetes mellitus. Acta Odontologica Scandinavica, 2020, 78, 327-331.	0.9	18
49	A Systems Biology Approach to Reveal Putative Host-Derived Biomarkers of Periodontitis by Network Topology Characterization of MMP-REDOX/NO and Apoptosis Integrated Pathways. Frontiers in Cellular and Infection Microbiology, 2015, 5, 102.	1.8	17
50	Salivary antimicrobial defensins in pregnancy. Journal of Clinical Periodontology, 2016, 43, 807-815.	2.3	17
51	Cyclic Dinucleotides in Oral Bacteria and in Oral Biofilms. Frontiers in Cellular and Infection Microbiology, 2017, 7, 273.	1.8	17
52	Salivary Cytokine Biomarker Concentrations in Relation to Obesity and Periodontitis. Journal of Clinical Medicine, 2019, 8, 2152.	1.0	17
53	Salivary and serum markers of angiogenesis in periodontitis in relation to smoking. Clinical Oral Investigations, 2021, 25, 1117-1126.	1.4	17
54	MMPï£¿REDOX/NO Interplay in Periodontitis and Its Inhibition with Satureja hortensis L. Essential Oil. Chemistry and Biodiversity, 2013, 10, 507-523.	1.0	16

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55	Editorial: Use of Saliva in Diagnosis of Periodontitis: Cumulative Use of Bacterial and Host-Derived Biomarkers. Frontiers in Cellular and Infection Microbiology, 2016, 6, 196.	1.8	16
56	Quorum sensing molecules regulate epithelial cytokine response and biofilm-related virulence of three Prevotella species. Anaerobe, 2018, 54, 128-135.	1.0	16
57	Influence of 2â€²-fucosyllactose and galacto-oligosaccharides on the growth and adhesion of Streptococcus mutans. British Journal of Nutrition, 2020, 124, 824-831.	1.2	16
58	A dental look at the autistic patient through orofacial pain. Acta Odontologica Scandinavica, 2011, 69, 193-200.	0.9	15
59	Salivary interleukinâ€17 and tumor necrosis factorâ€Î± in relation to periodontitis and glycemic status in type 2 diabetes mellitus. Journal of Diabetes, 2015, 7, 681-688.	0.8	15
60	Proteomic analysis of RAW macrophages treated with cGAMP or c-di-GMP reveals differentially activated cellular pathways. RSC Advances, 2018, 8, 36840-36851.	1.7	15
61	An Appeal to the Global Health Community for a Tripartite Innovation: An â€œEssential Diagnostics List,â€• â€œHealth in All Policies,â€•and â€œSee-Through 21st Century Science and Ethicsâ€• OMICS A Journal of Integrative Biology, 2015, 19, 435-442.	1.0	14
62	Effects of Xylitol and Sucrose Mint Products on Streptococcus mutans Colonization in a Dental Simulator Model. Current Microbiology, 2017, 74, 1153-1159.	1.0	14
63	Two Cheers for Crohn's Disease and Periodontitis: Beta-Defensin-2 as an Actionable Target to Intervene on Two Clinically Distinct Diseases. OMICS A Journal of Integrative Biology, 2015, 19, 443-450.	1.0	13
64	Does estradiol have an impact on the dipeptidyl peptidase IV enzyme activity of the Prevotella intermedia group bacteria?. Anaerobe, 2015, 36, 14-18.	1.0	13
65	Fusobacterium nucleatum Biofilm Induces Epithelial Migration in an Organotypic Model of Dentoâ€Gingival Junction. Journal of Periodontology, 2012, 83, 1329-1335.	1.7	12
66	Antibacterial and Antigelatinolytic Effects of Satureja hortensis L. Essential Oil on Epithelial Cells Exposed to Fusobacterium nucleatum. Journal of Medicinal Food, 2015, 18, 503-506.	0.8	12
67	Alveolar bone loss in relation to toll-like receptor 4 and 9 genotypes and Porphyromonas gingivalis carriage. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 1871-1876.	1.3	12
68	Molecular biomarker research in periodontology: A roadmap for translation of science to clinical assay validation. Journal of Clinical Periodontology, 2022, 49, 556-561.	2.3	12
69	Anencephalic Infant with Cleft Palate and Natal Teeth: A Case Report. Cleft Palate-Craniofacial Journal, 2004, 41, 456-458.	0.5	11
70	Associations Between Salivary Bone Metabolism Markers and Periodontal Breakdown. Journal of Periodontology, 2016, 87, 367-375.	1.7	11
71	Human neutrophil peptide-1 affects matrix metalloproteinase-2, -8 and -9 secretions of oral squamous cell carcinoma cell lines in vitro. Archives of Oral Biology, 2016, 66, 1-7.	0.8	11
72	Salivary biomarkers in association with periodontal parameters and the periodontitis risk haplotype. Innate Immunity, 2018, 24, 439-447.	1.1	11

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73	Biobanks in Oral Health: Promises and Implications of Post-Neoliberal Science and Innovation. OMICS A Journal of Integrative Biology, 2016, 20, 36-41.	1.0	10
74	Analyses of Gingival Adhesion Molecules in Periodontitis: Theoretical In Silico, Comparative In Vivo, and Explanatory In Vitro Models. Journal of Periodontology, 2016, 87, 193-202.	1.7	10
75	Mannoseâ€binding lectin gene polymorphism in relation to periodontal infection. Journal of Periodontal Research, 2017, 52, 540-545.	1.4	10
76	Gingival crevicular fluid levels of human beta-defensin-1 in type 2 diabetes mellitus and periodontitis. Clinical Oral Investigations, 2018, 22, 2135-2140.	1.4	10
77	Elevated levels of 8â€OHdG and PARK7/DJâ€1 in periâ€implantitis mucosa. Clinical Implant Dentistry and Related Research, 2018, 20, 574-582.	1.6	10
78	NFE2L2/NRF2, OGG1, and cytokine responses of human gingival keratinocytes against oxidative insults of various origin. Molecular and Cellular Biochemistry, 2019, 452, 63-70.	1.4	10
79	Salivary concentrations of macrophage activation-related chemokines are influenced by non-surgical periodontal treatment: a 12-week follow-up study. Journal of Oral Microbiology, 2020, 12, 1694383.	1.2	10
80	Targeting Nrf2 with Probiotics and Postbiotics in the Treatment of Periodontitis. Biomolecules, 2022, 12, 729.	1.8	10
81	A Call for Pharmacogenovigilance and Rapid Falsification in the Age of Big Data: Why not First Road Test Your Biomarker?. OMICS A Journal of Integrative Biology, 2014, 18, 663-665.	1.0	9
82	Increased proliferation and decreased membrane permeability as defense mechanisms of Fusobacterium nucleatum against human neutrophilic peptide-1. Anaerobe, 2014, 30, 35-40.	1.0	9
83	Dipeptidyl peptidase IV and quorum sensing signaling in biofilm-related virulence of Prevotella aurantiaca. Anaerobe, 2017, 48, 152-159.	1.0	9
84	<scp>Matrix metalloproteinaseâ€</scp>7 in periodontitis with type 2 diabetes mellitus. Journal of Periodontal Research, 2018, 53, 916-923.	1.4	9
85	Effect of external tooth bleaching on dental plaque accumulation and tooth discoloration. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2008, 13, E266-9.	0.7	9
86	Immunological and Microbiological Profiling of Cumulative Risk Score for Periodontitis. Diagnostics, 2020, 10, 560.	1.3	8
87	Periodontal status and cytoplasmic enzyme activities in gingival crevicular fluid of type 2 diabetic and/or obese patients with chronic periodontitis. Journal of the International Academy of Periodontology, 2006, 8, 2-5.	0.7	8
88	Quorumâ€sensing molecule dihydroxyâ€2,3â€pentanedione and its analogs as regulators of epithelial integrity. Journal of Periodontal Research, 2018, 53, 414-421.	1.4	7
89	Regulatory effects of PRF and titanium surfaces on cellular adhesion, spread, and cytokine expressions of gingival keratinocytes. Histochemistry and Cell Biology, 2019, 152, 63-73.	0.8	7
90	Activation of Gingival Fibroblasts by Bacterial Cyclic Dinucleotides and Lipopolysaccharide. Pathogens, 2020, 9, 792.	1.2	7

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91	Elevated Baseline Salivary Protease Activity May Predict the Steadiness of Gingival Inflammation During Periodontal Healing: A 12-Week Follow-Up Study on Adults. Pathogens, 2020, 9, 751.	1.2	7
92	Global Proteomic Analyses of STINGâ€Positive and â€Negative Macrophages Reveal STING and Nonâ€STING Differentially Regulated Cellular and Molecular Pathways. Proteomics - Clinical Applications, 2020, 14, e1900109.	0.8	7
93	Salivary and serum concentrations of monocyte chemoattractant proteinâ€1, macrophage inhibitory factor, and fractalkine in relation to rheumatoid arthritis and periodontitis. Journal of Periodontology, 2021, 92, 1295-1305.	1.7	7
94	Bacterial Cyclic Dinucleotides and the cGASâ€“cGAMPâ€“STING Pathway: A Role in Periodontitis?. Pathogens, 2021, 10, 675.	1.2	7
95	Regulation of hBD-2, hBD-3, hCAP18/LL37, and Proinflammatory Cytokine Secretion by Human Milk Oligosaccharides in an Organotypic Oral Mucosal Model. Pathogens, 2021, 10, 739.	1.2	7
96	Salivary levels of hBDs in children and adolescents with type 1 diabetes mellitus and gingivitis. Clinical Oral Investigations, 2022, , 1.	1.4	7
97	Translating Biotechnology to Knowledge-Based Innovation, Peace, and Development? Deploy a Science Peace Corpsâ€"An Open Letter to World Leaders. OMICS A Journal of Integrative Biology, 2014, 18, 415-420.	1.0	6
98	Construction and characterization of a multilayered gingival keratinocyte culture model: the TURK-U model. Cytotechnology, 2016, 68, 2345-2354.	0.7	6
99	Morphological and functional adaptations of Fusobacterium nucleatum exposed to human neutrophil Peptide-1. Anaerobe, 2016, 39, 31-38.	1.0	6
100	Global proteomics of fibroblast cells treated with bacterial cyclic dinucleotides, c-di-GMP and c-di-AMP. Journal of Oral Microbiology, 2022, 14, 2003617.	1.2	5
101	Tollâ€like receptorâ€1, â€2, and â€6 genotypes in relation to salivary human betaâ€defensinâ€1, â€2, â€3 and human neutrophilic peptideâ€1. Journal of Clinical Periodontology, 2022, 49, 1185-1191.	2.3	5
102	Periodontal Bacteria and Epithelial Cell Interactions: Role of Bacterial Proteins. European Journal of Dentistry, 2008, 02, 231-232.	0.8	4
103	Biomarkers and Periodontal Regenerative Approaches. Dental Clinics of North America, 2022, 66, 157-167.	0.8	4
104	Regulation of Gingival Keratinocyte Monocyte Chemoattractant Proteinâ€1â€Induced Protein (MCPIP)â€1 and Mucosaâ€Associated Lymphoid Tissue Lymphoma Translocation Protein (MALT)â€1 Expressions by Periodontal Bacteria, Lipopolysaccharide and Interleukinâ€1Î². Journal of Periodontology, 0, , .	1.7	4
105	Klippel-TrÃ©naunay Syndrome Manifesting as Gingival Overgrowth and Teeth Agenesis. Journal of Clinical Pediatric Dentistry, 2010, 34, 351-354.	0.5	2
106	A Pilot Study - Comparison between a Novel Combination of Bioactive Glass with Clodronate and Bioactive Glass Alone as a Treatment for Chronic Periodontitis. Journal of Biotechnology & Biomaterials, 2017, 07, .	0.3	2
107	Periodontitis and peri-implantitis tissue levels of Treponema denticola-CTLP and its MMP-8 activating ability. Acta Histochemica, 2021, 123, 151767.	0.9	2
108	Personalized Dentistry Meets OMICS and â€œOne Healthâ€: From Cinderella of Healthcare to Mainstream?. OMICS A Journal of Integrative Biology, 2015, 19, 145-146.	1.0	1

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109	Letters to the Editor: Authorsâ€™ response. Journal of Periodontology, 2014, 85, 12-13.	1.7	0
110	Introduction to Special Issue: Ready to Link Oral Health to Systems Medicine and Next Generation Biomarkers?. OMICS A Journal of Integrative Biology, 2016, 20, 1-2.	1.0	0
111	Cerrahi Olmayan Periodontal Tedavinin Tip-2 Diabetes Mellituslu Hastalarda Klinik Parametreler, HbA1c ve IL-1? Seviyesi Ãœzerine Etkisi. Marmara Dental Journal, 2019, 1, 1-7.	0.0	0
112	Editorial for the Special Issue: Oral Immunology and Periodontitis. Pathogens, 2022, 11, 564.	1.2	0