

# Ulvi K Gursoy

## List of Publications by Year in descending order

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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	Biomarkers and Periodontal Regenerative Approaches. <i>Dental Clinics of North America</i> , 2022, 66, 157-167.	0.8	4
2	Salivary levels of hBDs in children and adolescents with type 1 diabetes mellitus and gingivitis. <i>Clinical Oral Investigations</i> , 2022, , 1.	1.4	7
3	Molecular biomarker research in periodontology: A roadmap for translation of science to clinical assay validation. <i>Journal of Clinical Periodontology</i> , 2022, 49, 556-561.	2.3	12
4	Global proteomics of fibroblast cells treated with bacterial cyclic dinucleotides, c-di-GMP and c-di-AMP. <i>Journal of Oral Microbiology</i> , 2022, 14, 2003617.	1.2	5
5	Editorial for the Special Issue: Oral Immunology and Periodontitis. <i>Pathogens</i> , 2022, 11, 564.	1.2	0
6	Targeting Nrf2 with Probiotics and Postbiotics in the Treatment of Periodontitis. <i>Biomolecules</i> , 2022, 12, 729.	1.8	10
7	<i>Prevotella</i> species as oral residents and infectious agents with potential impact on systemic conditions. <i>Journal of Oral Microbiology</i> , 2022, 14, .	1.2	23
8	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. <i>Journal of Clinical Periodontology</i> , 2022, 49, 1185-1191.	2.3	5
9	Salivary and serum markers of angiogenesis in periodontitis in relation to smoking. <i>Clinical Oral Investigations</i> , 2021, 25, 1117-1126.	1.4	17
10	Salivary and serum concentrations of monocyte chemoattractant proteinâ€1, macrophage inhibitory factor, and fractalkine in relation to rheumatoid arthritis and periodontitis. <i>Journal of Periodontology</i> , 2021, 92, 1295-1305.	1.7	7
11	Bacterial Cyclic Dinucleotides and the cGASâ€cGAMPâ€STING Pathway: A Role in Periodontitis?. <i>Pathogens</i> , 2021, 10, 675.	1.2	7
12	Regulation of hBD-2, hBD-3, hCAP18/LL37, and Proinflammatory Cytokine Secretion by Human Milk Oligosaccharides in an Organotypic Oral Mucosal Model. <i>Pathogens</i> , 2021, 10, 739.	1.2	7
13	Periodontitis and peri-implantitis tissue levels of <i>Treponema denticola</i> -CTLP and its MMP-8 activating ability. <i>Acta Histochemica</i> , 2021, 123, 151767.	0.9	2
14	Oral <i>Prevotella</i> Species and Their Connection to Events of Clinical Relevance in Gastrointestinal and Respiratory Tracts. <i>Frontiers in Microbiology</i> , 2021, 12, 798763.	1.5	38
15	Salivary concentrations of macrophage activation-related chemokines are influenced by non-surgical periodontal treatment: a 12-week follow-up study. <i>Journal of Oral Microbiology</i> , 2020, 12, 1694383.	1.2	10
16	Gingival tissue human betaâ€defensin levels in relation to infection and inflammation. <i>Journal of Clinical Periodontology</i> , 2020, 47, 309-318.	2.3	21
17	Activation of Gingival Fibroblasts by Bacterial Cyclic Dinucleotides and Lipopolysaccharide. <i>Pathogens</i> , 2020, 9, 792.	1.2	7
18	Immunological and Microbiological Profiling of Cumulative Risk Score for Periodontitis. <i>Diagnostics</i> , 2020, 10, 560.	1.3	8

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19	Elevated Baseline Salivary Protease Activity May Predict the Steadiness of Gingival Inflammation During Periodontal Healing: A 12-Week Follow-Up Study on Adults. <i>Pathogens</i> , 2020, 9, 751.	1.2	7
20	The role of polygenic risk and susceptibility genes in breast cancer over the course of life. <i>Nature Communications</i> , 2020, 11, 6383.	5.8	101
21	Influence of 2- <i>fucosyllactose</i> and galacto-oligosaccharides on the growth and adhesion of <i>Streptococcus mutans</i> . <i>British Journal of Nutrition</i> , 2020, 124, 824-831.	1.2	16
22	An Oral Rinse Active Matrix Metalloproteinase-8 Point-of-Care Immunotest May Be Less Accurate in Patients with Crohn's Disease. <i>Biomolecules</i> , 2020, 10, 395.	1.8	19
23	Global Proteomic Analyses of STING-Positive and -Negative Macrophages Reveal STING and Non-STING Differentially Regulated Cellular and Molecular Pathways. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900109.	0.8	7
24	Salivary human beta-defensins and cathelicidin levels in relation to periodontitis and type 2 diabetes mellitus. <i>Acta Odontologica Scandinavica</i> , 2020, 78, 327-331.	0.9	18
25	Active matrix metalloproteinase-8 and interleukin-6 detect periodontal degeneration caused by radiotherapy of head and neck cancer: a pilot study. <i>Expert Review of Proteomics</i> , 2020, 17, 777-784.	1.3	23
26	NFE2L2/NRF2, OGG1, and cytokine responses of human gingival keratinocytes against oxidative insults of various origin. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 63-70.	1.4	10
27	Periodontitis: A Multifaceted Disease of Tooth-Supporting Tissues. <i>Journal of Clinical Medicine</i> , 2019, 8, 1135.	1.0	382
28	Regulatory effects of PRF and titanium surfaces on cellular adhesion, spread, and cytokine expressions of gingival keratinocytes. <i>Histochemistry and Cell Biology</i> , 2019, 152, 63-73.	0.8	7
29	Salivary Cytokine Biomarker Concentrations in Relation to Obesity and Periodontitis. <i>Journal of Clinical Medicine</i> , 2019, 8, 2152.	1.0	17
30	Regulation of gingival epithelial cytokine response by bacterial cyclic dinucleotides. <i>Journal of Oral Microbiology</i> , 2019, 11, 1538927.	1.2	18
31	Cerrahi Olmayan Periodontal Tedavinin Tip-2 Diabetes Mellituslu Hastalarda Klinik Parametreler, HbA1c ve IL-1? Seviyesi Açzerine Etkisi. <i>Marmara Dental Journal</i> , 2019, 1, 1-7.	0.0	0
32	Cumulative use of salivary markers with an adaptive design improves detection of periodontal disease over fixed biomarker thresholds. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 493-496.	0.9	24
33	Quorum-sensing molecule dihydroxy-2,3-pentanedione and its analogs as regulators of epithelial integrity. <i>Journal of Periodontal Research</i> , 2018, 53, 414-421.	1.4	7
34	Gingival crevicular fluid levels of human beta-defensin-1 in type 2 diabetes mellitus and periodontitis. <i>Clinical Oral Investigations</i> , 2018, 22, 2135-2140.	1.4	10
35	Proteomic analysis of RAW macrophages treated with cGAMP or c-di-GMP reveals differentially activated cellular pathways. <i>RSC Advances</i> , 2018, 8, 36840-36851.	1.7	15
36	Molecular forms and fragments of salivary MMP-8 in relation to periodontitis. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1421-1428.	2.3	28

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37	Salivary biomarkers in association with periodontal parameters and the periodontitis risk haplotype. <i>Innate Immunity</i> , 2018, 24, 439-447.	1.1	11
38	Quorum sensing molecules regulate epithelial cytokine response and biofilm-related virulence of three <i>Prevotella</i> species. <i>Anaerobe</i> , 2018, 54, 128-135.	1.0	16
39	Elevated levels of 8â€œOHdG and PARK7/DJâ€œ1 in periâ€œimplantitis mucosa. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 574-582.	1.6	10
40	<scp>Matrix metalloproteinaseâ€œ7 in periodontitis with type 2 diabetes mellitus. <i>Journal of Periodontal Research</i> , 2018, 53, 916-923.	1.4	9
41	Personalized medicine beyond genomics: alternative futures in big dataâ€œ”proteomics, enviroptome and the social proteome. <i>Journal of Neural Transmission</i> , 2017, 124, 25-32.	1.4	32
42	Dipeptidyl peptidase IV and quorum sensing signaling in biofilm-related virulence of <i>Prevotella aurantiaca</i> . <i>Anaerobe</i> , 2017, 48, 152-159.	1.0	9
43	Effects of Xylitol and Sucrose Mint Products on <i>Streptococcus mutans</i> Colonization in a Dental Simulator Model. <i>Current Microbiology</i> , 2017, 74, 1153-1159.	1.0	14
44	Mannoseâ€œbinding lectin gene polymorphism in relation to periodontal infection. <i>Journal of Periodontal Research</i> , 2017, 52, 540-545.	1.4	10
45	Salivary cytokine levels in early gingival inflammation. <i>Journal of Oral Microbiology</i> , 2017, 9, 1364101.	1.2	38
46	Cyclic Dinucleotides in Oral Bacteria and in Oral Biofilms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 273.	1.8	17
47	A Pilot Study - Comparison between a Novel Combination of Bioactive Glass with Clodronate and Bioactive Glass Alone as a Treatment for Chronic Periodontitis. <i>Journal of Biotechnology &amp; Biomaterials</i> , 2017, 07, .	0.3	2
48	Editorial: Use of Saliva in Diagnosis of Periodontitis: Cumulative Use of Bacterial and Host-Derived Biomarkers. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 196.	1.8	16
49	Analysis of matrix metalloproteinases, especially MMPâ€œ8, in gingival crevicular fluid, mouthrinse and saliva for monitoring periodontal diseases. <i>Periodontology 2000</i> , 2016, 70, 142-163.	6.3	207
50	Salivary antimicrobial defensins in pregnancy. <i>Journal of Clinical Periodontology</i> , 2016, 43, 807-815.	2.3	17
51	Biofilms as â€œConnectorsâ€œ for Oral and Systems Medicine: A New Opportunity for Biomarkers, Molecular Targets, and Bacterial Eradication. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 3-11.	1.0	28
52	Alveolar bone loss in relation to toll-like receptor 4 and 9 genotypes and <i>Porphyromonas gingivalis</i> carriage. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 1871-1876.	1.3	12
53	Salivary Concentrations of Interleukin (ILâ€œ1Î², ILâ€œ17A, and ILâ€œ23 Vary in Relation to Periodontal Status. <i>Journal of Periodontology</i> , 2016, 87, 1484-1491.	1.7	44
54	Construction and characterization of a multilayered gingival keratinocyte culture model: the TURK-U model. <i>Cytotechnology</i> , 2016, 68, 2345-2354.	0.7	6

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55	Morphological and functional adaptations of <i>Fusobacterium nucleatum</i> exposed to human neutrophil Peptide-1. <i>Anaerobe</i> , 2016, 39, 31-38.	1.0	6
56	Biobanks in Oral Health: Promises and Implications of Post-Neoliberal Science and Innovation. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 36-41.	1.0	10
57	Analyses of Gingival Adhesion Molecules in Periodontitis: Theoretical In Silico, Comparative In Vivo, and Explanatory In Vitro Models. <i>Journal of Periodontology</i> , 2016, 87, 193-202.	1.7	10
58	Associations Between Salivary Bone Metabolism Markers and Periodontal Breakdown. <i>Journal of Periodontology</i> , 2016, 87, 367-375.	1.7	11
59	Human neutrophil peptide-1 affects matrix metalloproteinase-2, -8 and -9 secretions of oral squamous cell carcinoma cell lines in vitro. <i>Archives of Oral Biology</i> , 2016, 66, 1-7.	0.8	11
60	Introduction to Special Issue: Ready to Link Oral Health to Systems Medicine and Next Generation Biomarkers?. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 1-2.	1.0	0
61	Salivary Antimicrobial Peptides in Early Detection of Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 99.	1.8	35
62	Personalized Dentistry Meets OMICS and "One Health": From Cinderella of Healthcare to Mainstream?. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 145-146.	1.0	1
63	Two Cheers for Crohn's Disease and Periodontitis: Beta-Defensin-2 as an Actionable Target to Intervene on Two Clinically Distinct Diseases. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 443-450.	1.0	13
64	An Appeal to the Global Health Community for a Tripartite Innovation: An "Essential Diagnostics List," "Health in All Policies," and "See-Through 21 <sup>st</sup> Century Science and Ethics". <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 435-442.	1.0	14
65	Overexpressions of hBD-2, hBD-3, and hCAP18/LL-37 in Gingiva of Diabetics with Periodontitis. <i>Immunobiology</i> , 2015, 220, 1219-1226.	0.8	37
66	Does estradiol have an impact on the dipeptidyl peptidase IV enzyme activity of the <i>Prevotella intermedia</i> group bacteria?. <i>Anaerobe</i> , 2015, 36, 14-18.	1.0	13
67	Salivary interleukin-17 and tumor necrosis factor- $\alpha$ in relation to periodontitis and glycemic status in type 2 diabetes mellitus. <i>Journal of Diabetes</i> , 2015, 7, 681-688.	0.8	15
68	Antibacterial and Antigelatinolytic Effects of <i>Satureja hortensis</i> L. Essential Oil on Epithelial Cells Exposed to <i>Fusobacterium nucleatum</i> . <i>Journal of Medicinal Food</i> , 2015, 18, 503-506.	0.8	12
69	Impact of orally administered lozenges with <i>Lactobacillus rhamnosus</i> GG and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 on the number of salivary mutans streptococci, amount of plaque, gingival inflammation and the oral microbiome in healthy adults. <i>Clinical Oral Investigations</i> , 2015, 19, 77-83.	1.4	99
70	A Systems Biology Approach to Reveal Putative Host-Derived Biomarkers of Periodontitis by Network Topology Characterization of MMP-REDOX/NO and Apoptosis Integrated Pathways. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 102.	1.8	17
71	A Call for Pharmacogenovigilance and Rapid Falsification in the Age of Big Data: Why not First Road Test Your Biomarker?. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 663-665.	1.0	9
72	Salivary biomarkers of bacterial burden, inflammatory response, and tissue destruction in periodontitis. <i>Journal of Clinical Periodontology</i> , 2014, 41, 442-450.	2.3	101

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73	Translating Biotechnology to Knowledge-Based Innovation, Peace, and Development? Deploy a Science Peace Corps—An Open Letter to World Leaders. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 415-420.	1.0	6
74	Pregnancy-Induced Gingivitis and OMICS in Dentistry: <i>In Silico</i> Modeling and <i>In Vivo</i> Prospective Validation of Estradiol-Modulated Inflammatory Biomarkers. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 582-590.	1.0	20
75	Increased proliferation and decreased membrane permeability as defense mechanisms of <i>Fusobacterium nucleatum</i> against human neutrophilic peptide-1. <i>Anaerobe</i> , 2014, 30, 35-40.	1.0	9
76	Combining Salivary Pathogen and Serum Antibody Levels Improves Their Diagnostic Ability in Detection of Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, 123-131.	1.7	34
77	Letters to the Editor: Authors' response. <i>Journal of Periodontology</i> , 2014, 85, 12-13.	1.7	0
78	Effect of estradiol on planktonic growth, coaggregation, and biofilm formation of the <i>Prevotella intermedia</i> group bacteria. <i>Anaerobe</i> , 2014, 27, 7-13.	1.0	39
79	Focused microarray analysis of apoptosis in periodontitis and its potential pharmacological targeting by carvacrol. <i>Archives of Oral Biology</i> , 2014, 59, 461-469.	0.8	21
80	Human Neutrophil Defensins and Their Effect on Epithelial Cells. <i>Journal of Periodontology</i> , 2013, 84, 126-133.	1.7	37
81	Salivary type I collagen degradation end-products and related matrix metalloproteinases in periodontitis. <i>Journal of Clinical Periodontology</i> , 2013, 40, 18-25.	2.3	91
82	High Salivary Estrogen and Risk of Developing Pregnancy Gingivitis. <i>Journal of Periodontology</i> , 2013, 84, 1281-1289.	1.7	33
83	Alveolar Bone Loss Associated With Age-Related Macular Degeneration in Males. <i>Journal of Periodontology</i> , 2013, 84, 58-67.	1.7	40
84	MMP-9; REDOX/NO Interplay in Periodontitis and Its Inhibition with <i>Satureja hortensis</i> L. Essential Oil. <i>Chemistry and Biodiversity</i> , 2013, 10, 507-523.	1.0	16
85	Understanding the roles of gingival beta-defensins. <i>Journal of Oral Microbiology</i> , 2012, 4, 15127.	1.2	62
86	A Novel Organotypic Dento-Epithelial Culture Model: Effect of <i>Fusobacterium nucleatum</i> Biofilm on B-Defensin-2, -3, and LL-37 Expression. <i>Journal of Periodontology</i> , 2012, 83, 242-247.	1.7	44
87	<i>Fusobacterium nucleatum</i> Biofilm Induces Epithelial Migration in an Organotypic Model of Dento-Gingival Junction. <i>Journal of Periodontology</i> , 2012, 83, 1329-1335.	1.7	12
88	Bioinformatical and <i>in vitro</i> approaches to essential oil-induced matrix metalloproteinase inhibition. <i>Pharmaceutical Biology</i> , 2012, 50, 675-686.	1.3	25
89	A dental look at the autistic patient through orofacial pain. <i>Acta Odontologica Scandinavica</i> , 2011, 69, 193-200.	0.9	15
90	Use of Host- and Bacteria-Derived Salivary Markers in Detection of Periodontitis: A Cumulative Approach. <i>Disease Markers</i> , 2011, 30, 299-305.	0.6	78

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91	Periodontal pathogen carriage, rather than periodontitis, determines the serum antibody levels. <i>Journal of Clinical Periodontology</i> , 2011, 38, 405-411.	2.3	55
92	Use of host- and bacteria-derived salivary markers in detection of periodontitis: a cumulative approach. <i>Disease Markers</i> , 2011, 30, 299-305.	0.6	38
93	Klippel-Tränaunay Syndrome Manifesting as Gingival Overgrowth and Teeth Agenesis. <i>Journal of Clinical Pediatric Dentistry</i> , 2010, 34, 351-354.	0.5	2
94	Longitudinal study of salivary proteinases during pregnancy and postpartum. <i>Journal of Periodontal Research</i> , 2010, 45, 496-503.	1.4	30
95	Salivary MMPâ€¸, TIMPâ€¸, and ICTP as markers of advanced periodontitis. <i>Journal of Clinical Periodontology</i> , 2010, 37, 487-493.	2.3	161
96	Periodontal Status and Neutrophilic Enzyme Levels in Gingival Crevicular Fluid During Pregnancy and Postpartum. <i>Journal of Periodontology</i> , 2010, 81, 1790-1796.	1.7	28
97	Biofilm Formation Enhances the Oxygen Tolerance and Invasiveness of <i>Fusobacterium nucleatum</i> in an Oral Mucosa Culture Model. <i>Journal of Periodontology</i> , 2010, 81, 1084-1091.	1.7	68
98	Anti-biofilm properties of <i>Satureja hortensis</i> L. essential oil against periodontal pathogens. <i>Anaerobe</i> , 2009, 15, 164-167.	1.0	86
99	Salivary interleukinâ€¸ concentration and the presence of multiple pathogens in periodontitis. <i>Journal of Clinical Periodontology</i> , 2009, 36, 922-927.	2.3	77
100	<i>Prevotella intermedia</i> ATCC 25611 targets host cell lamellipodia in epithelial cell adhesion and invasion. <i>Oral Microbiology and Immunology</i> , 2009, 24, 304-309.	2.8	22
101	Intracellular replication of fusobacteria requires new actin filament formation of epithelial cells. <i>Apmis</i> , 2008, 116, 1063-1070.	0.9	46
102	Stimulation of epithelial cell matrix metalloproteinase (MMPâ€¸, â€¸, â€¸) and interleukinâ€¸ secretion by fusobacteria. <i>Oral Microbiology and Immunology</i> , 2008, 23, 432-434.	2.8	59
103	Periodontitis as a Risk Factor for Preterm Low Birth Weight. <i>Yonsei Medical Journal</i> , 2008, 49, 200.	0.9	35
104	Periodontal Bacteria and Epithelial Cell Interactions: Role of Bacterial Proteins. <i>European Journal of Dentistry</i> , 2008, 02, 231-232.	0.8	4
105	Effect of external tooth bleaching on dental plaque accumulation and tooth discoloration. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2008, 13, E266-9.	0.7	9
106	The role of nickel accumulation and epithelial cell proliferation in orthodontic treatment-induced gingival overgrowth. <i>European Journal of Orthodontics</i> , 2007, 29, 555-558.	1.1	72
107	Palatal mucosa necrosis because of accidental sodium hypochlorite injection instead of anaesthetic solution. <i>International Endodontic Journal</i> , 2006, 39, 157-161.	2.3	29
108	Periodontal status and cytoplasmic enzyme activities in gingival crevicular fluid of type 2 diabetic and/or obese patients with chronic periodontitis. <i>Journal of the International Academy of Periodontology</i> , 2006, 8, 2-5.	0.7	8

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109	Assessment of mandibular bone mineral density in patients with type 2 diabetes mellitus. Dentomaxillofacial Radiology, 2005, 34, 327-331.	1.3	18
110	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
111	Anencephalic Infant with Cleft Palate and Natal Teeth: A Case Report. Cleft Palate-Craniofacial Journal, 2004, 41, 456-458.	0.5	11
112	Regulation of Gingival Keratinocyte Monocyte Chemoattractant Protein-1-Induced Protein (MCPIP) and Mucosa-Associated Lymphoid Tissue Lymphoma Translocation Protein (MALT) Expressions by Periodontal Bacteria, Lipopolysaccharide and Interleukin-1 $\beta$ . Journal of Periodontology, 0, , .	1.7	4