Ozlem Yilmaz

List of Publications by Year
in descending order

68 papers	3,696 citations	172207 29 h-index	133063 59 g-index
71 all docs	71 docs citations	71 times ranked	3838 citing authors

#	Article	IF	Citations
1	The Oral Microbiota: Living with a Permanent Guest. DNA and Cell Biology, 2009, 28, 405-411.	0.9	340
2	Involvement of integrins in fimbriae-mediated binding and invasion by Porphyromonas gingivalis. Cellular Microbiology, 2002, 4, 305-314.	1.1	217
3	Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway Contributes to Survival of Primary Epithelial Cells Infected with the Periodontal Pathogen Porphyromonas gingivalis. Infection and Immunity, 2004, 72, 3743-3751.	1.0	190
4	The Role of Reactive-Oxygen-Species in Microbial Persistence and Inflammation. International Journal of Molecular Sciences, 2011, 12, 334-352.	1.8	189
5	Intrinsic apoptotic pathways of gingival epithelial cells modulated by Porphyromonas gingivalis. Cellular Microbiology, 2007, 9, 1997-2007.	1.1	185
6	The chronicles of Porphyromonas gingivalis: the microbium, the human oral epithelium and their interplay. Microbiology (United Kingdom), 2008, 154, 2897-2903.	0.7	166
7	Intercellular Spreading of Porphyromonas gingivalis Infection in Primary Gingival Epithelial Cells. Infection and Immunity, 2006, 74, 703-710.	1.0	161
8	P. gingivalis accelerates gingival epithelial cell progression through the cell cycle. Microbes and Infection, 2008, 10, 122-128.	1.0	156
9	ATP-dependent activation of an inflammasome in primary gingival epithelial cells infected byPorphyromonas gingivalis. Cellular Microbiology, 2010, 12, 188-198.	1.1	136
10	P2X4 Assembles with P2X7 and Pannexin-1 in Gingival Epithelial Cells and Modulates ATP-induced Reactive Oxygen Species Production and Inflammasome Activation. PLoS ONE, 2013, 8, e70210.	1.1	135
11	In or out: the invasiveness of oral bacteria. Periodontology 2000, 2002, 30, 61-69.	6.3	134
12	ATP scavenging by the intracellular pathogen Porphyromonas gingivalis inhibits P2X₇-mediated host-cell apoptosis. Cellular Microbiology, 2008, 10, 863-875.	1.1	134
13	Fusobacterium nucleatuminfection of gingival epithelial cells leads to NLRP3 inflammasome-dependent secretion of IL-1Î² and the danger signals ASC and HMGB1. Cellular Microbiology, 2016, 18, 970-981.	1.1	118
14	Possible role of Porphyromonas gingivalis in orodigestive cancers. Journal of Oral Microbiology, 2019, 11, 1563410.	1.2	117
15	Vitamin D-Mediated Induction of Innate Immunity in Gingival Epithelial Cells. Infection and Immunity, 2011, 79, 2250-2256.	1.0	108
16	Porphyromonas gingivalis-nucleoside-diphosphate-kinase inhibits ATP-induced reactive-oxygen-species via P2X₇receptor/NADPH-oxidase signalling and contributes to persistence. Cellular Microbiology, 2013, 15, 961-976.	1.1	86
17	Human Primary Epithelial Cells Acquire an Epithelial-Mesenchymal-Transition Phenotype during Long-Term Infection by the Oral Opportunistic Pathogen, Porphyromonas gingivalis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 493.	1.8	81
18	Modulation of inflammasome activity by Porphyromonas gingivalis in periodontitis and associated systemic diseases. Journal of Oral Microbiology, 2016, 8, 30385.	1.2	79

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19	Porphyromonas gingivalis traffics into endoplasmic reticulum-rich-autophagosomes for successful survival in human gingival epithelial cells. Virulence, 2018, 9, 845-859.	1.8	71
20	NLRX1 modulates differentially NLRP3 inflammasome activation and NF-ÎºB signaling during Fusobacterium nucleatum infection. Microbes and Infection, 2018, 20, 615-625.	1.0	61
21	Differential protein expression byPorphyromonas gingivalis in response to secreted epithelial cell components. Proteomics, 2005, 5, 198-211.	1.3	58
22	Prelude to oral microbes and chronic diseases: past, present and future. Microbes and Infection, 2015, 17, 473-483.	1.0	56
23	Porphyromonas gingivalis attenuates ATP-mediated inflammasome activation and HMGB1 release through expression of a nucleoside-diphosphate kinase. Microbes and Infection, 2015, 17, 369-377.	1.0	51
24	Porphyromonas gingivalisinvades human trophoblasts and inhibits proliferation by inducing G1 arrest and apoptosis. Cellular Microbiology, 2009, 11, 1517-1532.	1.1	49
25	The inflammasome and danger molecule signaling: at the crossroads of inflammation and pathogen persistence in the oral cavity. Periodontology 2000, 2015, 69, 83-95.	6.3	46
26	Genetic Transformation of an Obligate Anaerobe, P. gingivalis for FMN-Green Fluorescent Protein Expression in Studying Host-Microbe Interaction. PLoS ONE, 2011, 6, e18499.	1.1	44
27	Identification of Porphyromonas gingivalis Genes Specifically Expressed in Human Gingival Epithelial Cells by Using Differential Display Reverse Transcription-PCR. Infection and Immunity, 2004, 72, 3752-3758.	1.0	39
28	Role of epigenetics in modulation of immune response at the junction of hostâ€“pathogen interaction and danger molecule signaling. Pathogens and Disease, 2016, 74, ftw082.	0.8	33
29	A novel kinase function of a nucleoside-diphosphate-kinase homologue inPorphyromonas gingivalisis critical in subversion of host cell apoptosis by targeting heat-shock protein 27. Cellular Microbiology, 2018, 20, e12825.	1.1	33
30	Nucleoside-diphosphate-kinase: a pleiotropic effector in microbial colonization under interdisciplinary characterization. Microbes and Infection, 2012, 14, 228-237.	1.0	31
31	Unfolding Role of a Danger Molecule Adenosine Signaling in Modulation of Microbial Infection and Host Cell Response. International Journal of Molecular Sciences, 2018, 19, 199.	1.8	31
32	A Real-Life Study on Acquired Skills from Using an Adrenaline Autoinjector. International Archives of Allergy and Immunology, 2013, 160, 301-306.	0.9	30
33	Opportunistic Pathogen Porphyromonas gingivalis Modulates Danger Signal ATP-Mediated Antibacterial NOX2 Pathways in Primary Epithelial Cells. Frontiers in Cellular and Infection Microbiology, 2017, 7, 291.	1.8	29
34	Vibrio cholerae Persisted in Microcosm for 700 Days Inhibits Motility but Promotes Biofilm Formation in Nutrient-Poor Lake Water Microcosms. PLoS ONE, 2014, 9, e92883.	1.1	25
35	In Situ Anabolic Activity of Periodontal Pathogens Porphyromonas gingivalis and Filifactor alocis in Chronic Periodontitis. Scientific Reports, 2016, 6, 33638.	1.6	25
36	Nucleoside-Diphosphate-Kinase of P. gingivalis is Secreted from Epithelial Cells In the Absence of a Leader Sequence Through a Pannexin-1 Interactome. Scientific Reports, 2016, 6, 37643.	1.6	23

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37	Sphingosine-1-Phosphate Receptor 2 Controls Podosome Components Induced by RANKL Affecting Osteoclastogenesis and Bone Resorption. Cells, 2019, 8, 17.	1.8	22
38	Activation of vitamin D in the gingival epithelium and its role in gingival inflammation and alveolar bone loss. Journal of Periodontal Research, 2019, 54, 444-452.	1.4	18
39	Nonsteroidal antiâ€inflammatory drugsâ€“exacerbated respiratory disease in adolescents. International Forum of Allergy and Rhinology, 2015, 5, 392-398.	1.5	17
40	In Situ Intraepithelial Localizations of Opportunistic Pathogens, Porphyromonas gingivalis and Filifactor alocis, in Human Gingiva. Current Research in Microbial Sciences, 2020, 1, 7-17.	1.4	17
41	IgE and IgG4 binding to lentil epitopes in children with red and green lentil allergy. Pediatric Allergy and Immunology, 2020, 31, 158-166.	1.1	15
42	Effect of epinephrine autoinjector design on unintentional injection injury. Allergy and Asthma Proceedings, 2012, 33, 488-492.	1.0	14
43	Angioedema without urticaria in childhood. Pediatric Allergy and Immunology, 2013, 24, 685-690.	1.1	13
44	Predictive factors to differentiate between allergic and nonallergic rhinitis in children. International Forum of Allergy and Rhinology, 2014, 4, 447-452.	1.5	13
45	Characterization of Human Genes Modulated by Porphyromonas gingivalis Highlights the Ribosome, Hypothalamus, and Cholinergic Neurons. Frontiers in Immunology, 2021, 12, 646259.	2.2	12
46	Children With Chronic Nonspecific Isolated Cough. Chest, 2014, 145, 1279-1285.	0.4	11
47	Host surface ectonucleotidase-CD73 and the opportunistic pathogen, Porphyromonas gingivalis, cross-modulation underlies a new homeostatic mechanism for chronic bacterial survival in human epithelial cells. Virulence, 2020, 11, 414-429.	1.8	11
48	CD73â€dependent adenosine dampens interleukinâ€1Î²â€“induced CXCL8 production in gingival fibroblasts: Association with heme oxygenaseâ€1 and adenosine monophosphateâ€'activated protein kinase. Journal of Periodontology, 2020, 91, 253-262.	1.7	10
49	Severe Anaphylaxis in Children: A Single-center Experience. Pediatrics and Neonatology, 2014, 55, 320-322.	0.3	9
50	Long-term follow-up of re-sting reactions in children with moderate to severe venom hypersensitivity. European Journal of Pediatrics, 2015, 174, 891-896.	1.3	7
51	Association between thyroid autoimmunity and recurrent angioedema in children. Allergy and Asthma Proceedings, 2015, 36, 468-472.	1.0	6
52	Tolmetin: An Option for Multiple NSAID Hypersensitivity in a Preschooler. Pediatric, Allergy, Immunology, and Pulmonology, 2013, 26, 164-165.	0.3	4
53	Vitamin D Status in Infants with Two Different Wheezing Phenotypes. Indian Journal of Pediatrics, 2016, 83, 1386-1391.	0.3	4
54	Comparison of practical application steps of the previously used adrenaline auto injector in Turkey (EpiPen) and the currently available adrenaline auto injector (Penepin): a multi-center study. Turk Pediatri Arsivi, 2018, 53, 149-154.	0.9	4

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55	Development of Anaphylaxis to Cow's Milk as Early as the First Week of Orthotopic Liver Transplantation. Pediatric, Allergy, Immunology, and Pulmonology, 2013, 26, 105-107.	0.3	3
56	A case report with hypersensitivity to ferrous but tolerance of ferric iron salts. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 343-344.e1.	2.0	3
57	Two cases of esophageal eosinophilia: eosinophilic esophagitis or gastro-esophageal reflux disease?. Mental Illness, 2014, 6, 5160.	0.8	2
58	Comparison of Different Scoring Systems for Predicting Mortality Risk of Neonates Followed in Neonatal Intensive Care Units: TRANSPORT, SNAP-PE II and MINT Scores. Journal of Dr Behcet Uz Children S Hospital, 2011, 1, 42-50.	0.1	2
59	Inflammasome Activation in Gingival Epithelial Cells. Methods in Molecular Biology, 2022, 2459, 149-167.	0.4	2
60	Porphyromonas gingivalis infection upregulates the endothelin (ET) system in brain microvascular endothelial cells. Canadian Journal of Physiology and Pharmacology, 2022, 100, 679-688.	0.7	2
61	Comparison of moderate to severe systemic reactions with honeybee and wasp in children. International Forum of Allergy and Rhinology, 2014, 4, 548-554.	1.5	1
62	A new frontier: oral microbes without borders. Microbes and Infection, 2015, 17, 469-470.	1.0	1
63	A Case of Cyanocobalamin Allergy with Tolerance to Hydroxycobalamin. Asim, Allerji, Immunoloji, 2016, 14, 41-43.	0.2	1
64	How should Helicobacter pylori eradication be done in the extensive proton pump inhibitor allergy?. European Journal of Therapeutics, 2018, , .	0.0	1
65	Modeling macrophage response to periodontal infections in vitro. FASEB Journal, 2022, 36, .	0.2	1
66	A Case of Food Protein-Induced Enterocolitis Triggered by Wheat. Pediatric, Allergy, Immunology, and Pulmonology, 2013, 26, 161-163.	0.3	0
67	Clinicopathological dissociation in isolated esophageal eosinophilia. Turkish Journal of Gastroenterology, 2015, 25, 276-277.	0.4	0
68	A Case of Anaphylaxis to Legumes During Prick to Prick Test. Asim, Allerji, Immunoloji, 2016, 14, 36-40.	0.2	0