Egija Zaura

List of Publications by Year
in descending order

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78	4,842	136740	98622
papers	citations	32 h-index	67 g-index

79	79	79	6710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defining the healthy "core microbiome" of oral microbial communities. BMC Microbiology, 2009, 9, 259.	1.3	989
2	Same Exposure but Two Radically Different Responses to Antibiotics: Resilience of the Salivary Microbiome versus Long-Term Microbial Shifts in Feces. MBio, 2015, 6, e01693-15.	1.8	333
3	Dental biofilm: ecological interactions in health and disease. Journal of Clinical Periodontology, 2017, 44, S12-S22.	2.3	300
4	Role of microbial biofilms in the maintenance of oral health and in the development of dental caries and periodontal diseases. Consensus report of group 1 of the Joint EFP/ORCA workshop on the boundaries between caries and periodontal disease. Journal of Clinical Periodontology, 2017, 44, S5-S11.	2.3	273
5	Exploring the oral microbiota of children at various developmental stages of their dentition in the relation to their oral health. BMC Medical Genomics, 2011, 4, 22.	0.7	259
6	Acquiring and maintaining a normal oral microbiome: current perspective. Frontiers in Cellular and Infection Microbiology, 2014, 4, 85.	1.8	191
7	Intrinsic challenges in ancient microbiome reconstruction using 16S rRNA gene amplification. Scientific Reports, 2015, 5, 16498.	1.6	153
8	Historical and contemporary hypotheses on the development of oral diseases: are we there yet?. Frontiers in Cellular and Infection Microbiology, 2014, 4, 92.	1.8	133
9	On the ecosystemic network of saliva in healthy young adults. ISME Journal, 2017, 11, 1218-1231.	4.4	132
10	Subgingival microbiome in smokers and nonâ€smokers in periodontitis: an exploratory study using traditional targeted techniques and a nextâ€generation sequencing. Journal of Clinical Periodontology, 2013, 40, 483-492.	2.3	99
11	The Relation between Oral Candida Load and Bacterial Microbiome Profiles in Dutch Older Adults. PLoS ONE, 2012, 7, e42770.	1.1	94
12	Effects of probiotic Lactobacillus salivarius W24 on the compositional stability of oral microbial communities. Archives of Oral Biology, 2009, 54, 132-137.	0.8	82
13	The Oral Microbiome of Denture Wearers Is Influenced by Levels of Natural Dentition. PLoS ONE, 2015, 10, e0137717.	1.1	82
14	Applications of the oral microbiome in personalized dentistry. Archives of Oral Biology, 2019, 104, 7-12.	0.8	77
15	Comparing clustering and pre-processing in taxonomy analysis. Bioinformatics, 2012, 28, 2891-2897.	1.8	76
16	Critical Appraisal of Oral Pre- and Probiotics for Caries Prevention and Care. Caries Research, 2019, 53, 514-526.	0.9	75
17	Impacts of Shallow Geothermal Energy Production on Redox Processes and Microbial Communities. Environmental Science & Technology, 2013, 47, 14476-14484.	4.6	69
18	The effect of chemotherapeutic agents on titanium-adherent biofilms. Clinical Oral Implants Research, 2011, 22, 1227-1234.	1.9	63

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19	Next-generation Sequencing Approaches to Understanding the Oral Microbiome. Advances in Dental Research, 2012, 24, 81-85.	3.6	62
20	The microbiome associated with equine periodontitis and oral health. Veterinary Research, 2016, 47, 49.	1.1	59
21	Nitrate and the Origin of Saliva Influence Composition and Short Chain Fatty Acid Production of Oral Microcosms. Microbial Ecology, 2016, 72, 479-492.	1.4	58
22	The mycobiome of root canal infections is correlated to the bacteriome. Clinical Oral Investigations, 2017, 21, 1871-1881.	1.4	55
23	The Effect of Fixed Orthodontic Appliances and Fluoride Mouthwash on the Oral Microbiome of Adolescents â€“ A Randomized Controlled Clinical Trial. PLoS ONE, 2015, 10, e0137318.	1.1	54
24	Optimizing the quality of clinical studies on oral microbiome: A practical guide for planning, performing, and reporting. Periodontology 2000, 2021, 85, 210-236.	6.3	51
25	Acquisition and establishment of the oral microbiota. Periodontology 2000, 2021, 86, 123-141.	6.3	51
26	Subgingival microbiome of rheumatoid arthritis patients in relation to their disease status and periodontal health. PLoS ONE, 2018, 13, e0202278.	1.1	50
27	Stability and Resilience of Oral Microcosms Toward Acidification and Candida Outgrowth by Arginine Supplementation. Microbial Ecology, 2015, 69, 422-433.	1.4	39
28	Changes in the oral ecosystem induced by the use of 8% arginine toothpaste. Archives of Oral Biology, 2017, 73, 79-87.	0.8	39
29	Microcosm biofilms cultured from different oral niches in periodontitis patients. Journal of Oral Microbiology, 2019, 11, 1551596.	1.2	38
30	Identification of organic acids in Cichorium intybus inhibiting virulence-related properties of oral pathogenic bacteria. Food Chemistry, 2013, 138, 1706-1712.	4.2	36
31	The microbiome of pancreatic cancer: from molecular diagnostics to new therapeutic approaches to overcome chemoresistance caused by metabolic inactivation of gemcitabine. Expert Review of Molecular Diagnostics, 2018, 18, 1005-1009.	1.5	35
32	Systematic evaluation of bias in microbial community profiles induced by whole genome amplification. Environmental Microbiology, 2014, 16, 643-657.	1.8	34
33	TaxMan: a server to trim rRNA reference databases and inspect taxonomic coverage. Nucleic Acids Research, 2012, 40, W82-W87.	6.5	33
34	Sterile paper points as a bacterial DNA-contamination source in microbiome profiles of clinical samples. Journal of Dentistry, 2013, 41, 1297-1301.	1.7	33
35	Differences in the Oral Microbiome in Patients With Early Rheumatoid Arthritis and Individuals at Risk of Rheumatoid Arthritis Compared to Healthy Individuals. Arthritis and Rheumatology, 2021, 73, 1986-1993.	2.9	33
36	Microbial changes in relation to oral mucositis in autologous hematopoietic stem cell transplantation recipients. Scientific Reports, 2019, 9, 16929.	1.6	32

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37	The Effects of Fractions from Shiitake Mushroom on Composition and Cariogenicity of Dental Plaque Microcosms in anIn VitroCaries Model. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-10.	3.0	24
38	Effect of mouthwashes on the composition and metabolic activity of oral biofilms grown in vitro. Clinical Oral Investigations, 2017, 21, 1221-1230.	1.4	24
39	The evidence for placental microbiome and its composition in healthy pregnancies: A systematic review. Journal of Reproductive Immunology, 2022, 149, 103455.	0.8	22
40	Effects of fluoride- and chlorhexidine-containing varnishes on plaque composition and on demineralization of dentinal grooves in situ. European Journal of Oral Sciences, 2000, 108, 154-161.	0.7	21
41	metaModules identifies key functional subnetworks in microbiome-related disease. Bioinformatics, 2016, 32, 1678-1685.	1.8	21
42	Submucosal microbiome of periâ€implant sites: A crossâ€sectional study. Journal of Clinical Periodontology, 2021, 48, 1228-1239.	2.3	21
43	Effects of Lactobacillus rhamnosus GG on saliva-derived microcosms. Archives of Oral Biology, 2011, 56, 136-147.	0.8	20
44	Plant and Fungal Food Components with Potential Activity on the Development of Microbial Oral Diseases. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	20
45	Red fluorescent biofilm: the thick, the old, and the cariogenic. Journal of Oral Microbiology, 2016, 8, 30346.	1.2	20
46	The Effects of the Solubility of Artificial Fissures on Plaque pH. Journal of Dental Research, 2002, 81, 567-571.	2.5	19
47	Effects of Ozone and Sodium Hypochlorite on Caries-Like Lesions in Dentin. Caries Research, 2007, 41, 489-492.	0.9	19
48	A novel compound to maintain a healthy oral plaque ecology in vitro. Journal of Oral Microbiology, 2016, 8, 32513.	1.2	19
49	Components in Lentinus edodes mushroom with anti-biofilm activity directed against bacteria involved in caries and gingivitis. Food and Function, 2018, 9, 3489-3499.	2.1	19
50	MLPA diagnostics of complex microbial communities: Relative quantification of bacterial species in oral biofilms. Journal of Microbiological Methods, 2008, 75, 558-565.	0.7	18
51	The microbiome of dental and periâ€implant subgingival plaque during periâ€implant mucositis therapy: A randomized clinical trial. Journal of Clinical Periodontology, 2022, 49, 28-38.	2.3	18
52	Red fluorescence of dental plaque in children â€"A cross-sectional study. Journal of Dentistry, 2017, 58, 40-47.	1.7	17
53	The anti-adhesive mode of action of a purified mushroom (Lentinus edodes) extract with anticaries and antigingivitis properties in two oral bacterial pathogens. BMC Complementary and Alternative Medicine, 2014, 14, 75.	3.7	16
54	Influence of delivery and feeding mode in oral fungi colonization â€“ a systematic review. Microbial Cell, 2020, 7, 36-45.	1.4	16

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55	Resistance and resilience to experimental gingivitis: a systematic scoping review. BMC Oral Health, 2019, 19, 212.	0.8	15
56	In VitroAssessment of Shiitake Mushroom (Lentinula edodes) Extract for Its Antigingivitis Activity. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-7.	3.0	14
57	The Anticaries Effect of a Food Extract (Shiitake) in a Short-Term Clinical Study. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-10.	3.0	14
58	Effects of mushroom and chicory extracts on the shape, physiology and proteome of the cariogenic bacterium Streptococcus mutans. BMC Complementary and Alternative Medicine, 2013, 13, 117.	3.7	14
59	Effects of high-fluoride dentifrice (5,000-ppm) on caries-related plaque and salivary variables. Clinical Oral Investigations, 2014, 18, 1419-1426.	1.4	14
60	Editorial: The oral microbiome in an ecological perspective. Frontiers in Cellular and Infection Microbiology, 2015, 5, 39.	1.8	14
61	Effect of erythritol on microbial ecology of in vitro gingivitis biofilms. Journal of Oral Microbiology, 2017, 9, 1337477.	1.2	14
62	Does routine analysis of subgingival microbiota in periodontitis contribute to patient benefit?. European Journal of Oral Sciences, 2011, 119, 259-264.	0.7	13
63	Testing a Low Molecular Mass Fraction of a Mushroom (Lentinus edodes) Extract Formulated as an Oral Rinse in a Cohort of Volunteers. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-7.	3.0	13
64	Effect of an oxygenating agent on oral bacteria in vitro and on dental plaque composition in healthy young adults. Frontiers in Cellular and Infection Microbiology, 2014, 4, 95.	1.8	12
65	Oral microbiome-systemic link studies: perspectives on current limitations and future artificial intelligence-based approaches. Critical Reviews in Microbiology, 2020, 46, 288-299.	2.7	12
66	Qualitative and quantitative differences in the subgingival microbiome of the restored and unrestored teeth. Journal of Periodontal Research, 2019, 54, 405-412.	1.4	10
67	Effect of high fluoride concentration on bovine dentin demineralization in narrow grooves in vitro. European Journal of Oral Sciences, 1999, 107, 455-460.	0.7	9
68	Long-Term Analysis of Resilience of the Oral Microbiome in Allogeneic Stem Cell Transplant Recipients. Microorganisms, 2022, 10, 734.	1.6	8
69	Dysbiosis of the Oral Ecosystem in Severe Congenital Neutropenia Patients. Proteomics - Clinical Applications, 2020, 14, e1900058.	0.8	7
70	Tumor microbiome: Pancreatic cancer and duodenal fluids contain multitudes, â€¦but do they contradict themselves?. Critical Reviews in Oncology/Hematology, 2019, 144, 102824.	2.0	6
71	Efficacy of Fluoride Toothpaste in Preventing Demineralization of Smooth Dentin Surfaces and Narrow Grooves in situ under Frequent Exposures to Sucrose or Bananas. Caries Research, 2005, 39, 116-122.	0.9	5
72	Effects of Fruit and Vegetable Low Molecular Mass Fractions on Gene Expression in Gingival Cells Challenged withPrevotella intermediaandActinomyces naeslundii. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	5

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73	Chlorine-based DUWL disinfectant leads to a different microbial composition of water derived biofilms compared to H2O2-based chemical disinfectants in vitro. PeerJ, 2020, 8, e9503.	0.9	5
74	Comparability of microbiota of swabbed and spit saliva. European Journal of Oral Sciences, 2022, 130, e12858.	0.7	5
75	Oral Microbiome Transmission and Infant Feeding Habits. MBio, 2022, 13, e0032522.	1.8	5
76	The Evaluation of the Effects of Two Probiotic Strains on the Oral Ecosystem: A Randomized Clinical Trial. Frontiers in Oral Health, 2022, 3, 825017.	1.2	1
77	OMICs in Cariology and Endodontology â€“ what have we learned so far?. Journal of Oral Microbiology, 2017, 9, 1325192.	1.2	0
78	Reply. Arthritis and Rheumatology, 2022, 74, 1297-1298.	2.9	0