

Bernd W Brandt

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,842
citations

304743

22
h-index

289244

40
g-index

61
all docs

61
docs citations

61
times ranked

3057
citing authors

#	ARTICLE	IF	CITATIONS
1	Same Exposure but Two Radically Different Responses to Antibiotics: Resilience of the Salivary Microbiome versus Long-Term Microbial Shifts in Feces. <i>MBio</i> , 2015, 6, e01693-15.	4.1	333
2	Intrinsic challenges in ancient microbiome reconstruction using 16S rRNA gene amplification. <i>Scientific Reports</i> , 2015, 5, 16498.	3.3	153
3	Fluoride resistance in <i>Streptococcus mutans</i> : a mini review. <i>Journal of Oral Microbiology</i> , 2017, 9, 1344509.	2.7	99
4	The Oral Microbiome of Denture Wearers Is Influenced by Levels of Natural Dentition. <i>PLoS ONE</i> , 2015, 10, e0137717.	2.5	82
5	Dental aerosols: microbial composition and spatial distribution. <i>Journal of Oral Microbiology</i> , 2020, 12, 1762040.	2.7	72
6	Nitrate and the Origin of Saliva Influence Composition and Short Chain Fatty Acid Production of Oral Microcosms. <i>Microbial Ecology</i> , 2016, 72, 479-492.	2.8	58
7	<i>Candida albicans</i> alters the bacterial microbiome of early <i>in vitro</i> oral biofilms. <i>Journal of Oral Microbiology</i> , 2017, 9, 1270613.	2.7	57
8	The mycobiome of root canal infections is correlated to the bacteriome. <i>Clinical Oral Investigations</i> , 2017, 21, 1871-1881.	3.0	55
9	Microbial profiles at baseline and not the use of antibiotics determine the clinical outcome of the treatment of chronic periodontitis. <i>Scientific Reports</i> , 2016, 6, 20205.	3.3	51
10	Optimizing the quality of clinical studies on oral microbiome: A practical guide for planning, performing, and reporting. <i>Periodontology 2000</i> , 2021, 85, 210-236.	13.4	51
11	Subgingival microbiome of rheumatoid arthritis patients in relation to their disease status and periodontal health. <i>PLoS ONE</i> , 2018, 13, e0202278.	2.5	50
12	Integrating <i>Candida albicans</i> metabolism with biofilm heterogeneity by transcriptome mapping. <i>Scientific Reports</i> , 2016, 6, 35436.	3.3	39
13	Changes in the oral ecosystem induced by the use of 8% arginine toothpaste. <i>Archives of Oral Biology</i> , 2017, 73, 79-87.	1.8	39
14	Microcosm biofilms cultured from different oral niches in periodontitis patients. <i>Journal of Oral Microbiology</i> , 2019, 11, 1551596.	2.7	38
15	TaxMan: a server to trim rRNA reference databases and inspect taxonomic coverage. <i>Nucleic Acids Research</i> , 2012, 40, W82-W87.	14.5	33
16	Microbiomes associated with bovine periodontitis and oral health. <i>Veterinary Microbiology</i> , 2018, 218, 1-6.	1.9	33
17	Differences in the Oral Microbiome in Patients With Early Rheumatoid Arthritis and Individuals at Risk of Rheumatoid Arthritis Compared to Healthy Individuals. <i>Arthritis and Rheumatology</i> , 2021, 73, 1986-1993.	5.6	33
18	Fungal mitochondrial oxygen consumption induces the growth of strict anaerobic bacteria. <i>Fungal Genetics and Biology</i> , 2017, 109, 1-6.	2.1	32

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19	Microbial changes in relation to oral mucositis in autologous hematopoietic stem cell transplantation recipients. <i>Scientific Reports</i> , 2019, 9, 16929.	3.3	32
20	Unraveling the outcome of 16S rDNA-based taxonomy analysis through mock data and simulations. <i>Bioinformatics</i> , 2014, 30, 1530-1538.	4.1	29
21	Physico-chemical and biological aspects of a serially connected lab-scale constructed wetland-stabilization tank-GAC slow sand filtration system during removal of selected PPCPs. <i>Chemical Engineering Journal</i> , 2019, 369, 1109-1118.	12.7	29
22	Comparison of Red-Complex Bacteria Between Saliva and Subgingival Plaque of Periodontitis Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 727732.	3.9	28
23	Short-Chain <i>N</i> -Acylhomoserine Lactone Quorum-Sensing Molecules Promote Periodontal Pathogens in <i>In Vitro</i> Oral Biofilms. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	26
24	The efficacy of whole human genome capture on ancient dental calculus and dentin. <i>American Journal of Physical Anthropology</i> , 2019, 168, 496-509.	2.1	24
25	A Single Nucleotide Change in the Promoter <i>mutp</i> Enhances Fluoride Resistance of <i>Streptococcus mutans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7509-7512.	3.2	21
26	metaModules identifies key functional subnetworks in microbiome-related disease. <i>Bioinformatics</i> , 2016, 32, 1678-1685.	4.1	21
27	Submucosal microbiome of peri-implant sites: A cross-sectional study. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1228-1239.	4.9	21
28	A novel compound to maintain a healthy oral plaque ecology <i>in vitro</i> . <i>Journal of Oral Microbiology</i> , 2016, 8, 32513.	2.7	19
29	The microbiome of dental and peri-implant subgingival plaque during peri-implant mucositis therapy: A randomized clinical trial. <i>Journal of Clinical Periodontology</i> , 2022, 49, 28-38.	4.9	18
30	Red fluorescence of dental plaque in children – A cross-sectional study. <i>Journal of Dentistry</i> , 2017, 58, 40-47.	4.1	17
31	NGS-eval: NGS Error analysis and novel sequence Variant detection tool. <i>Nucleic Acids Research</i> , 2015, 43, W301-W305.	14.5	16
32	The Fitness Cost of Fluoride Resistance for Different <i>Streptococcus mutans</i> Strains in Biofilms. <i>Frontiers in Microbiology</i> , 2017, 8, 1630.	3.5	16
33	Genetic Loci Associated With Fluoride Resistance in <i>Streptococcus mutans</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3093.	3.5	16
34	Interkingdom interactions on the denture surface: Implications for oral hygiene. <i>Biofilm</i> , 2019, 1, 100002.	3.8	15
35	Regrowth of Microcosm Biofilms on Titanium Surfaces After Various Antimicrobial Treatments. <i>Frontiers in Microbiology</i> , 2019, 10, 2693.	3.5	14
36	Effects of DNA preservation solution and DNA extraction methods on microbial community profiling of soil. <i>Folia Microbiologica</i> , 2021, 66, 597-606.	2.3	14

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37	Proteins and peptides in parotid saliva of irradiated patients compared to that of healthy controls using SELDI-TOF-MS. <i>BMC Research Notes</i> , 2015, 8, 639.	1.4	12
38	Long-term impact of oral surgery with or without amoxicillin on the oral microbiome-A prospective cohort study. <i>Scientific Reports</i> , 2019, 9, 18761.	3.3	12
39	Diversity of SpaP in genetic and salivary agglutinin mediated adherence among <i>Streptococcus mutans</i> strains. <i>Scientific Reports</i> , 2019, 9, 19943.	3.3	12
40	Impact of the early-life skin microbiota on the development of canine atopic dermatitis in a high-risk breed birth cohort. <i>Scientific Reports</i> , 2020, 10, 1044.	3.3	11
41	High biodiversity in a benzene-degrading nitrate-reducing culture is sustained by a few primary consumers. <i>Communications Biology</i> , 2021, 4, 530.	4.4	11
42	Adaptive changes of sediment microbial communities associated with cleanup of oil spills in Nigerian mangrove forests. <i>Marine Pollution Bulletin</i> , 2022, 176, 113406.	5.0	10
43	An in-vitro dynamic flow model for translational research into dental unit water system biofilms. <i>Journal of Microbiological Methods</i> , 2020, 171, 105879.	1.6	9
44	The microbiological load and microbiome of the Dutch dental unit; "please, hold your breath"™. <i>Water Research</i> , 2021, 200, 117205.	11.3	9
45	Saliva-derived microcosm biofilms grown on different oral surfaces in vitro. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 74.	6.4	8
46	Correlating Biodegradation Kinetics of 2,4-Dichlorophenoxyacetic Acid (2,4-D) and 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T) to the Dynamics of Microbial Communities Originating From Soil in Vietnam Contaminated With Herbicides. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	2.4	8
47	Long-Term Analysis of Resilience of the Oral Microbiome in Allogeneic Stem Cell Transplant Recipients. <i>Microorganisms</i> , 2022, 10, 734.	3.6	8
48	Dysbiosis of the Oral Ecosystem in Severe Congenital Neutropenia Patients. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900058.	1.6	7
49	Tumor microbiome: Pancreatic cancer and duodenal fluids contain multitudes, but do they contradict themselves?. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 144, 102824.	4.4	6
50	Manipulation of Saliva-Derived Microcosm Biofilms To Resemble Dysbiotic Subgingival Microbiota. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	6
51	Comparability of microbiota of swabbed and spit saliva. <i>European Journal of Oral Sciences</i> , 2022, 130, e12858.	1.5	5
52	Home sampling is a feasible method for oral microbiota analysis for infants and mothers. <i>Journal of Dentistry</i> , 2020, 100, 103428.	4.1	4
53	Reprocessing 16S rRNA Gene Amplicon Sequencing Studies: (Meta)Data Issues, Robustness, and Reproducibility. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 720637.	3.9	4
54	Limited added value of fungal ITS amplicon sequencing in the study of bovine abortion. <i>Heliyon</i> , 2018, 4, e00915.	3.2	3

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55	Influence of short- and long-term exposure on the biodegradation capacity of activated sludge microbial communities in ready biodegradability tests. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 107-121.	2.4	3
56	Microbiome analysis of feline odontoclastic resorptive lesion (FORL) and feline oral health. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	3
57	TreeSeq, a Fast and Intuitive Tool for Analysis of Whole Genome and Metagenomic Sequence Data. <i>PLoS ONE</i> , 2015, 10, e0123851.	2.5	3
58	16S rDNA sequencing and metadata of Dutch dental unit water. <i>Data in Brief</i> , 2021, 37, 107221.	1.0	2
59	The Evaluation of the Effects of Two Probiotic Strains on the Oral Ecosystem: A Randomized Clinical Trial. <i>Frontiers in Oral Health</i> , 2022, 3, 825017.	3.0	1
60	Reply. <i>Arthritis and Rheumatology</i> , 2022, 74, 1297-1298.	5.6	0