

Bruce J Paster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5206405/publications.pdf>

Version: 2024-02-01

127
papers

18,287
citations

28274

55
h-index

18647

119
g-index

139
all docs

139
docs citations

139
times ranked

16840
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Oral Microbiome. <i>Journal of Bacteriology</i> , 2010, 192, 5002-5017.	2.2	2,536
2	Defining the Normal Bacterial Flora of the Oral Cavity. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5721-5732.	3.9	2,436
3	Bacterial Diversity in Human Subgingival Plaque. <i>Journal of Bacteriology</i> , 2001, 183, 3770-3783.	2.2	1,735
4	Bacteria of Dental Caries in Primary and Permanent Teeth in Children and Young Adults. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1407-1417.	3.9	721
5	Bacteremia Associated With Toothbrushing and Dental Extraction. <i>Circulation</i> , 2008, 117, 3118-3125.	1.6	675
6	The breadth of bacterial diversity in the human periodontal pocket and other oral sites. <i>Periodontology 2000</i> , 2006, 42, 80-87.	13.4	649
7	Molecular Analysis of Bacterial Species Associated with Childhood Caries. <i>Journal of Clinical Microbiology</i> , 2002, 40, 1001-1009.	3.9	601
8	Variations of oral microbiota are associated with pancreatic diseases including pancreatic cancer. <i>Gut</i> , 2012, 61, 582-588.	12.1	518
9	Comparisons of Subgingival Microbial Profiles of Refractory Periodontitis, Severe Periodontitis, and Periodontal Health Using the Human Oral Microbe Identification Microarray. <i>Journal of Periodontology</i> , 2009, 80, 1421-1432.	3.4	470
10	Salivary Biomarkers: Toward Future Clinical and Diagnostic Utilities. <i>Clinical Microbiology Reviews</i> , 2013, 26, 781-791.	13.6	438
11	Design of 16S rRNA gene primers for 454 pyrosequencing of the human foregut microbiome. <i>World Journal of Gastroenterology</i> , 2010, 16, 4135.	3.3	370
12	Phylogeny of the Defined Murine Microbiota: Altered Schaedler Flora. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3287-3292.	3.1	327
13	Lessons learned and unlearned in periodontal microbiology. <i>Periodontology 2000</i> , 2013, 62, 95-162.	13.4	268
14	An Uncultured Gastric Spiral Organism Is a Newly Identified <i>Helicobacter</i> in Humans. <i>Journal of Infectious Diseases</i> , 1993, 168, 379-385.	4.0	237
15	A practical guide to the oral microbiome and its relation to health and disease. <i>Oral Diseases</i> , 2017, 23, 276-286.	3.0	231
16	Bacterial Profiles of Root Caries in Elderly Patients. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2015-2021.	3.9	178
17	Impact of Periodontal Therapy on the Subgingival Microbiota of Severe Periodontitis: Comparison Between Good Responders and Individuals With Refractory Periodontitis Using the Human Oral Microbe Identification Microarray. <i>Journal of Periodontology</i> , 2012, 83, 1279-1287.	3.4	167
18	Molecular Analysis of Oral and Respiratory Bacterial Species Associated with Ventilator-Associated Pneumonia. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1588-1593.	3.9	158

#	ARTICLE	IF	CITATIONS
19	Oral Microbiome Profiles: 16S rRNA Pyrosequencing and Microarray Assay Comparison. PLoS ONE, 2011, 6, e22788.	2.5	151
20	Microbial signature profiles of periodontally healthy and diseased patients. Journal of Clinical Periodontology, 2014, 41, 1027-1036.	4.9	151
21	Microbiomes of Endodontic-Periodontal Lesions before and after Chemomechanical Preparation. Journal of Endodontics, 2015, 41, 1975-1984.	3.1	144
22	Diverse and Novel Oral Bacterial Species in Blood following Dental Procedures. Journal of Clinical Microbiology, 2008, 46, 2129-2132.	3.9	143
23	Alterations in diversity of the oral microbiome in pediatric inflammatory bowel disease. Inflammatory Bowel Diseases, 2012, 18, 935-942.	1.9	138
24	Prevalent Bacterial Species and Novel Phylotypes in Advanced Noma Lesions. Journal of Clinical Microbiology, 2002, 40, 2187-2191.	3.9	135
25	Resolvin E1 Reverses Experimental Periodontitis and Dysbiosis. Journal of Immunology, 2016, 197, 2796-2806.	0.8	128
26	Discordant 16S and 23S rRNA Gene Phylogenies for the Genus Helicobacter : Implications for Phylogenetic Inference and Systematics. Journal of Bacteriology, 2005, 187, 6106-6118.	2.2	125
27	Phylogenetic characterization of epibiotic bacteria in the accessory nidamental gland and egg capsules of the squid Loligo pealei (Cephalopoda: Loliginidae). Environmental Microbiology, 2001, 3, 151-167.	3.8	123
28	<i>Helicobacter canadensis</i> sp. nov. Isolated from Humans with Diarrhea as an Example of an Emerging Pathogen. Journal of Clinical Microbiology, 2000, 38, 2546-2549.	3.9	121
29	Association between Upper Digestive Tract Microbiota and Cancer-Predisposing States in the Esophagus and Stomach. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 735-741.	2.5	120
30	The Microbiomes of Pancreatic and Duodenum Tissue Overlap and Are Highly Subject Specific but Differ between Pancreatic Cancer and Noncancer Subjects. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 370-383.	2.5	120
31	A Consortium of Aggregatibacter actinomycetemcomitans, Streptococcus parasanguinis, and Filifactor alocis Is Present in Sites Prior to Bone Loss in a Longitudinal Study of Localized Aggressive Periodontitis. Journal of Clinical Microbiology, 2013, 51, 2850-2861.	3.9	119
32	Borrelia burgdorferi persists in the brain in chronic lyme neuroborreliosis and may be associated with Alzheimer disease. Journal of Alzheimer's Disease, 2005, 6, 639-649.	2.6	117
33	Bacterial profiles of saliva in relation to diet, lifestyle factors, and socioeconomic status. Journal of Oral Microbiology, 2014, 6, 23609.	2.7	114
34	Correlation Network Analysis Applied to Complex Biofilm Communities. PLoS ONE, 2011, 6, e28438.	2.5	108
35	Identification of oral streptococci using PCR-based, reverse-capture, checkerboard hybridization. Cytotechnology, 1998, 20, 223-231.	0.7	104
36	Molecular microbial diagnosis. Periodontology 2000, 2009, 51, 38-44.	13.4	104

#	ARTICLE	IF	CITATIONS
37	Temporal Stability of the Salivary Microbiota in Oral Health. PLoS ONE, 2016, 11, e0147472.	2.5	104
38	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.	3.0	99
39	The oral mucosal and salivary microbial community of Behçet's syndrome and recurrent aphthous stomatitis. Journal of Oral Microbiology, 2015, 7, 27150.	2.7	97
40	Bacterial Diversity in Necrotizing Ulcerative Periodontitis in HIV-Positive Subjects. , 2002, 7, 8-16.		94
41	Differences in bacterial saliva profile between periodontitis patients and a control cohort. Journal of Clinical Periodontology, 2014, 41, 104-112.	4.9	89
42	Novel Intestinal Helicobacter Species Isolated from Cotton-Top Tamarins (Saguinus oedipus) with Chronic Colitis. Journal of Clinical Microbiology, 1999, 37, 146-151.	3.9	87
43	The subgingival microbiome, systemic inflammation and insulin resistance: The Oral Infections, Glucose Intolerance and Insulin Resistance Study. Journal of Clinical Periodontology, 2017, 44, 255-265.	4.9	84
44	Genetic diversity of Leptotrichia and description of Leptotrichia goodfellowii sp. nov., Leptotrichia hofstadii sp. nov., Leptotrichia shahii sp. nov. and Leptotrichia wadei sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 583-592.	1.7	82
45	Evidence of an increased pathogenic footprint in the lingual microbiome of untreated HIV infected patients. BMC Microbiology, 2012, 12, 153.	3.3	80
46	Microbial profile comparisons of saliva, pooled and site-specific subgingival samples in periodontitis patients. PLoS ONE, 2017, 12, e0182992.	2.5	72
47	Phylogenetic foundation of spirochetes. Journal of Molecular Microbiology and Biotechnology, 2000, 2, 341-4.	1.0	72
48	Influence of periodontal treatment on subgingival and salivary microbiotas. Journal of Periodontology, 2018, 89, 531-539.	3.4	71
49	HIV Infection and Microbial Diversity in Saliva. Journal of Clinical Microbiology, 2014, 52, 1400-1411.	3.9	69
50	Subgingival Microbial Communities in Leukocyte Adhesion Deficiency and Their Relationship with Local Immunopathology. PLoS Pathogens, 2015, 11, e1004698.	4.7	68
51	Shewanella pealeana sp. nov., a member of the microbial community associated with the accessory nidamental gland of the squid Loligo pealei. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1341-1351.	1.7	67
52	Clinical characteristics and microbiota of progressing slight chronic periodontitis in adults. Journal of Clinical Periodontology, 2007, 34, 917-930.	4.9	65
53	Salivary bacterial fingerprints of established oral disease revealed by the Human Oral Microbe Identification using Next Generation Sequencing (HOMI-NGS) technique. Journal of Oral Microbiology, 2016, 8, 30170.	2.7	63
54	A Novel Enterohepatic Helicobacter Species 'Helicobacter mastomyrinus' Isolated from the Liver and Intestine of Rodents. Helicobacter, 2005, 10, 59-70.	3.5	61

#	ARTICLE	IF	CITATIONS
55	Heritability of Oral Microbial Species in Caries-Active and Caries-Free Twins. <i>Twin Research and Human Genetics</i> , 2007, 10, 821-828.	0.6	60
56	Novel Microarray Design Strategy To Study Complex Bacterial Communities. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1876-1885.	3.1	58
57	The oral bacterial microbiome of occlusal surfaces in children and its association with diet and caries. <i>PLoS ONE</i> , 2017, 12, e0180621.	2.5	55
58	Novel <i>Helicobacter</i> species isolated from rhesus monkeys with chronic idiopathic colitis. <i>Journal of Medical Microbiology</i> , 2001, 50, 421-429.	1.8	54
59	<i>Helicobacter marmotae</i> sp. nov. Isolated from Livers of Woodchucks and Intestines of Cats. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2513-2519.	3.9	53
60	Molecular methodology to assess the impact of cancer chemotherapy on the oral bacterial flora: a pilot study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, 554-560.	1.4	52
61	Interbacterial Adhesion Networks within Early Oral Biofilms of Single Human Hosts. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	50
62	Comparative analysis of bacterial profiles in unstimulated and stimulated saliva samples. <i>Journal of Oral Microbiology</i> , 2016, 8, 30112.	2.7	49
63	Salivary Gluten Degradation and Oral Microbial Profiles in Healthy Individuals and Celiac Disease Patients. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	47
64	Isolation and Characterization of a <i>Helicobacter</i> sp. from the Gastric Mucosa of Dolphins, <i>Lagenorhynchus acutus</i> and <i>Delphinus delphis</i> . <i>Applied and Environmental Microbiology</i> , 2000, 66, 4751-4757.	3.1	46
65	The Impact of <i>Helicobacter pylori</i> Infection on the Gastric Microbiota of the Rhesus Macaque. <i>PLoS ONE</i> , 2013, 8, e76375.	2.5	46
66	<i>Helicobacter anseris</i> sp. nov. and <i>Helicobacter brantae</i> sp. nov., Isolated from Feces of Resident Canada Geese in the Greater Boston Area. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4633-4637.	3.1	45
67	The Medically Important <i>Bacteroides</i> spp. in Health and Disease. , 2006, , 381-427.		45
68	Isolation and Characterization of a Novel <i>Helicobacter</i> Species, <i>Helicobacter macacae</i> , from Rhesus Monkeys with and without Chronic Idiopathic Colitis. <i>Journal of Clinical Microbiology</i> , 2007, 45, 4061-4063.	3.9	45
69	Association Between Nitrate-Reducing Oral Bacteria and Cardiometabolic Outcomes: Results From ORIGINS. <i>Journal of the American Heart Association</i> , 2019, 8, e013324.	3.7	43
70	Salivary microbiota in individuals with different levels of caries experience. <i>Journal of Oral Microbiology</i> , 2017, 9, 1270614.	2.7	42
71	TLR4, NOD1 and NOD2 mediate immune recognition of putative newly identified periodontal pathogens. <i>Molecular Oral Microbiology</i> , 2016, 31, 243-258.	2.7	40
72	Association between tobacco use and the upper gastrointestinal microbiome among Chinese men. <i>Cancer Causes and Control</i> , 2015, 26, 581-588.	1.8	39

#	ARTICLE	IF	CITATIONS
73	Bacterial Composition at the Implant-Abutment Connection under Loading in vivo. Clinical Implant Dentistry and Related Research, 2016, 18, 138-145.	3.7	39
74	<i>Campylobacter troglodytis</i> sp. nov., Isolated from Feces of Human-Habituated Wild Chimpanzees (<i>Pan troglodytes schweinfurthii</i>) in Tanzania. Applied and Environmental Microbiology, 2011, 77, 2366-2373.	3.1	37
75	Bacteria-reactive Immune Response May Induce RANKL-expressing T Cells in the Mouse Periapical Bone Loss Lesion. Journal of Endodontics, 2012, 38, 346-350.	3.1	36
76	A new family for termite gut treponemes™: description of Breznakiellaceae fam. nov., Gracilinema caldarium gen. nov., comb. nov., Leadbettera azotonutricia gen. nov., comb. nov., Helmutkoenigia isoptericolens gen. nov., comb. nov., and Zuelzera stenostrepta gen. nov., comb. nov., and proposal of Rectinemataceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	35
77	Differentiation of salivary bacterial profiles of subjects with periodontitis and dental caries. Journal of Oral Microbiology, 2015, 7, 27429.	2.7	32
78	Function of Pro-Resolving Lipid Mediator Resolvin E1 in Type 2 Diabetes. Critical Reviews in Immunology, 2018, 38, 343-365.	0.5	32
79	Phylum XV. Spirochaetes Garrity and Holt 2001. , 2010, , 471-566.		31
80	The Subgingival Microbiota of Papillon-Lévy Syndrome. Journal of Periodontology, 2012, 83, 902-908.	3.4	31
81	The hidden mycobacteriome™ of the human healthy oral cavity and upper respiratory tract. Journal of Oral Microbiology, 2015, 7, 26094.	2.7	31
82	Effects of short-term xylitol gum chewing on the oral microbiome. Clinical Oral Investigations, 2015, 19, 237-244.	3.0	30
83	Concordance of HOMIM and HOMI-NGS technologies in the microbiome analysis of clinical samples. Journal of Oral Microbiology, 2016, 8, 30379.	2.7	30
84	Two Paralogous Families of a Two-Gene Subtilisin Operon Are Widely Distributed in Oral Treponemes. Journal of Bacteriology, 2003, 185, 6860-6869.	2.2	28
85	Molecular Methods for Diagnosis of Odontogenic Infections. Journal of Oral and Maxillofacial Surgery, 2012, 70, 1854-1859.	1.2	27
86	Isolation and characterization of novel Helicobacter spp. from the gastric mucosa of harp seals Phoca groenlandica. Diseases of Aquatic Organisms, 2003, 57, 1-9.	1.0	27
87	Novel urease-negative Helicobacter sp. H. enhydrae sp. nov.™ isolated from inflamed gastric tissue of southern sea otters. Diseases of Aquatic Organisms, 2017, 123, 1-11.	1.0	26
88	Fused and Overlapping rpoB and rpoC Genes in Helicobacters, Campylobacters, and Related Bacteria. Journal of Bacteriology, 1999, 181, 3857-3859.	2.2	25
89	Oral microbiota in youth with perinatally acquired HIV infection. Microbiome, 2018, 6, 100.	11.1	24
90	Taxonomy of spirochetes. Anaerobe, 2000, 6, 39-57.	2.1	23

#	ARTICLE	IF	CITATIONS
91	Cholangiohepatitis and Inflammatory Bowel Disease Induced by a Novel Urease-Negative <i>Helicobacter</i> Species in A/J and Tac:ICR:HascidRF Mice. <i>Experimental Biology and Medicine</i> , 2001, 226, 420-428.	2.4	23
92	Identification of oral bacteria in blood cultures by conventional versus molecular methods. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 720-724.	1.4	22
93	A Characterization of the Oral Microbiome in Allogeneic Stem Cell Transplant Patients. <i>PLoS ONE</i> , 2012, 7, e47628.	2.5	22
94	Effect of Silver Diamine Fluoride Treatment on Microbial Profiles of Plaque Biofilms from Root/Cervical Caries Lesions. <i>Caries Research</i> , 2019, 53, 555-566.	2.0	22
95	Specified Species in Gingival Crevicular Fluid Predict Bacterial Diversity. <i>PLoS ONE</i> , 2010, 5, e13589.	2.5	21
96	Caries-associated oral microbiome in head and neck cancer radiation patients: a longitudinal study. <i>Journal of Oral Microbiology</i> , 2019, 11, 1586421.	2.7	21
97	Comparison of the gut microbiota from soldier and worker castes of the termite <i>Reticulitermes grassei</i> . <i>International Microbiology</i> , 2011, 14, 83-93.	2.4	21
98	Coevolution of symbiotic spirochete diversity in lower termites. <i>International Microbiology</i> , 2007, 10, 133-9.	2.4	20
99	The taxophysiological paradox: changes in the intestinal microbiota of the xylophagous cockroach <i>Cryptocercus punctulatus</i> depending on the physiological state of the host. <i>International Microbiology</i> , 2009, 12, 227-36.	2.4	19
100	Comparisons of oral, intestinal, and pancreatic bacterial microbiomes in patients with pancreatic cancer and other gastrointestinal diseases. <i>Journal of Oral Microbiology</i> , 2021, 13, 1887680.	2.7	17
101	Phylogenetic position of the spirochetal genus <i>Cristispira</i> . <i>Applied and Environmental Microbiology</i> , 1996, 62, 942-946.	3.1	17
102	Transcription Profiling Reveals Potential Mechanisms of Dysbiosis in the Oral Microbiome of Rhesus Macaques with Chronic Untreated SIV Infection. <i>PLoS ONE</i> , 2013, 8, e80863.	2.5	16
103	Changes in the supragingival microbiota surrounding brackets of upper central incisors during orthodontic treatment. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 1547-1554.	1.6	15
104	Novel <i>Helicobacter</i> species <i>H. japonicum</i> isolated from laboratory mice from Japan induces typhlocolitis and lower bowel carcinoma in C57BL/129 IL10 ^{−/−} mice. <i>Carcinogenesis</i> , 2016, 37, bgw101.	2.8	15
105	Correlation of <i>Aggregatibacter actinomycetemcomitans</i> Detection with Clinical/Immunoinflammatory Profile of Localized Aggressive Periodontitis Using a 16S rRNA Microarray Method: A Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e85066.	2.5	14
106	The bacterial microbiome and metabolome in caries progression and arrest. <i>Journal of Oral Microbiology</i> , 2021, 13, 1886748.	2.7	14
107	<i>Aggregatibacter actinomycetemcomitans</i> colonization and persistence in a primate model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22307-22313.	7.1	13
108	Phylogenetic diversity and temporal variation in the Spirochaeta populations from two Mediterranean microbial mats. <i>International Microbiology</i> , 2008, 11, 267-74.	2.4	13

#	ARTICLE	IF	CITATIONS
109	Diversity of <i>Veillonella</i> spp. from subgingival plaque by polyphasic approach. <i>Apmis</i> , 2010, 118, 230-242.	2.0	12
110	Bayesian variable selection for multivariate zero-inflated models: Application to microbiome count data. <i>Biostatistics</i> , 2020, 21, 499-517.	1.5	12
111	The association between the upper digestive tract microbiota by HOMIM and oral health in a population-based study in Linxian, China. <i>BMC Public Health</i> , 2014, 14, 1110.	2.9	10
112	<i>Helicobacter bilis</i> and <i>Helicobacter trogontum</i> : infectious causes of abortion in sheep. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 225-234.	1.1	10
113	Analysis of microorganisms in periapical lesions: A systematic review and meta-analysis. <i>Archives of Oral Biology</i> , 2021, 124, 105055.	1.8	10
114	Cross-sectional comparisons of subgingival microbiome and gingival fluid inflammatory cytokines in periodontally healthy vegetarians versus non-vegetarians. <i>Journal of Periodontal Research</i> , 2021, 56, 1079-1090.	2.7	10
115	Analysis of oral bacterial communities: comparison of HOMI-NGS with a tree-based approach implemented in QIIME. <i>Journal of Oral Microbiology</i> , 2019, 11, 1586413.	2.7	9
116	Bacterial metatranscriptome of dentin caries. <i>Journal of Oral Microbiology</i> , 2017, 9, 1325194.	2.7	8
117	Salivary metabolite levels in perinatally HIV-infected youth with periodontal disease. <i>Metabolomics</i> , 2020, 16, 98.	3.0	8
118	The Genus <i>Treponema</i> . , 2006, , 211-234.		8
119	Interrelationship between the Microbial Communities of the Root Canals and Periodontal Pockets in Combined Endodontic-Periodontal Diseases. <i>Microorganisms</i> , 2021, 9, 1925.	3.6	7
120	Early microbial markers of periodontal and cardiometabolic diseases in ORIGINS. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 30.	6.4	7
121	Cultivated and not-yet-cultivated bacteria in oral biofilms. <i>Microbial Ecology in Health and Disease</i> , 2009, 21, 65-71.	3.5	5
122	Chemomechanical preparation influences the microbial community and the levels of LPS, LTA and cytokines in combined endodontic-periodontal lesions: A clinical study. <i>Journal of Periodontal Research</i> , 2022, 57, 341-356.	2.7	4
123	Subgingival microflora in chronic obstructive pulmonary disease. <i>Microbial Ecology in Health and Disease</i> , 2009, 21, 183-192.	3.5	2
124	Comprehensive analysis of aerobic and anaerobic bacteria found on dental bib clips. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ)</i> : 1995), 2013, 34, 1-12.	0.1	1
125	Absence of actin genes in spirochetes. <i>Current Microbiology</i> , 1984, 11, 285-287.	2.2	0
126	Microbiome at sites of gingival recession in children with Hutchinson-Gilford progeria syndrome. <i>Journal of Periodontology</i> , 2018, 89, 635-644.	3.4	0

#	ARTICLE	IF	CITATIONS
127	The effect of arginine on oral biofilm communities. <i>Molecular Oral Microbiology</i> , 2013, , n/a-n/a.	2.7	0