

Jonathan Harris

List of Publications by Year in descending order

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45
papers

3,878
citations

236612

25
h-index

233125

45
g-index

47
all docs

47
docs citations

47
times ranked

5642
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpected Diversity and Complexity of the Guerrero Negro Hypersaline Microbial Mat. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3685-3695.	1.4	435
2	Molecular identification of bacteria in bronchoalveolar lavage fluid from children with cystic fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20529-20533.	3.3	339
3	The Effects of Airway Microbiome on Corticosteroid Responsiveness in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1193-1201.	2.5	310
4	Explicitet: graphical user interface software for metadata-driven management, analysis and visualization of microbiome data. <i>Bioinformatics</i> , 2013, 29, 3100-3101.	1.8	261
5	The Genetic Core of the Universal Ancestor. <i>Genome Research</i> , 2003, 13, 407-412.	2.4	253
6	Phylogenetic stratigraphy in the Guerrero Negro hypersaline microbial mat. <i>ISME Journal</i> , 2013, 7, 50-60.	4.4	198
7	Airway microbiota across age and disease spectrum in cystic fibrosis. <i>European Respiratory Journal</i> , 2017, 50, 1700832.	3.1	193
8	New Perspective on Uncultured Bacterial Phylogenetic Division OP11. <i>Applied and Environmental Microbiology</i> , 2004, 70, 845-849.	1.4	190
9	Expanding the Known Diversity and Environmental Distribution of an Uncultured Phylogenetic Division of Bacteria. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1617-1621.	1.4	135
10	On the Use of Diversity Measures in Longitudinal Sequencing Studies of Microbial Communities. <i>Frontiers in Microbiology</i> , 2018, 9, 1037.	1.5	135
11	Esophageal Microbiome in Eosinophilic Esophagitis. <i>PLoS ONE</i> , 2015, 10, e0128346.	1.1	134
12	Assessment of Airway Microbiota and Inflammation in Cystic Fibrosis Using Multiple Sampling Methods. <i>Annals of the American Thoracic Society</i> , 2015, 12, 221-229.	1.5	128
13	Phylogenetic diversity and ecology of environmental Archaea. <i>Current Opinion in Microbiology</i> , 2005, 8, 638-642.	2.3	120
14	Changes in Airway Microbiome and Inflammation with Ivacaftor Treatment in Patients with Cystic Fibrosis and the G551D Mutation. <i>Annals of the American Thoracic Society</i> , 2020, 17, 212-220.	1.5	113
15	Molecular analysis of point-of-use municipal drinking water microbiology. <i>Water Research</i> , 2014, 49, 225-235.	5.3	107
16	Diversity and Stratification of Archaea in a Hypersaline Microbial Mat. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1801-1810.	1.4	102
17	Measuring and improving respiratory outcomes in cystic fibrosis lung disease: Opportunities and challenges to therapy. <i>Journal of Cystic Fibrosis</i> , 2010, 9, 1-16.	0.3	93
18	Reliability of Quantitative Real-Time PCR for Bacterial Detection in Cystic Fibrosis Airway Specimens. <i>PLoS ONE</i> , 2010, 5, e15101.	1.1	71

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19	Comparison of Normalization Methods for Construction of Large, Multiplex Amplicon Pools for Next-Generation Sequencing. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3863-3868.	1.4	71
20	Factors Influencing Bacterial Diversity and Community Composition in Municipal Drinking Waters in the Ohio River Basin, USA. <i>PLoS ONE</i> , 2016, 11, e0157966.	1.1	70
21	Application of Two-Part Statistics for Comparison of Sequence Variant Counts. <i>PLoS ONE</i> , 2011, 6, e20296.	1.1	55
22	Longitudinal and Source-to-Tap New Orleans, LA, U.S.A. Drinking Water Microbiology. <i>Environmental Science & Technology</i> , 2017, 51, 4220-4229.	4.6	48
23	Novel Microbial Diversity Retrieved by Autonomous Robotic Exploration of the World's Deepest Vertical Phreatic Sinkhole. <i>Astrobiology</i> , 2010, 10, 201-213.	1.5	39
24	Succession of toxicity and microbiota in hydraulic fracturing flowback and produced water in the Denverâ€“Julesburg Basin. <i>Science of the Total Environment</i> , 2018, 644, 183-192.	3.9	35
25	High-Resolution Microbial Community Succession of Microbially Induced Concrete Corrosion in Working Sanitary Manholes. <i>PLoS ONE</i> , 2015, 10, e0116400.	1.1	30
26	A comparative molecular analysis of waterâ€“filled limestone sinkholes in northâ€“eastern Mexico. <i>Environmental Microbiology</i> , 2011, 13, 226-240.	1.8	23
27	<i>Novosphingobium</i> and Its Potential Role in Chronic Obstructive Pulmonary Diseases: Insights from Microbiome Studies. <i>PLoS ONE</i> , 2014, 9, e111150.	1.1	23
28	Pulmonary Aptamer Signatures in Childrenâ€™s Interstitial and Diffuse Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1496-1504.	2.5	21
29	Luminescent Nanosensors for Ratiometric Monitoring of Three-Dimensional Oxygen Gradients in Laboratory and Clinical <i>Pseudomonas aeruginosa</i> Biofilms. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	18
30	Effect of monochloramine treatment on the microbial ecology of <i>Legionella</i> and associated bacterial populations in a hospital hot water system. <i>Systematic and Applied Microbiology</i> , 2015, 38, 198-205.	1.2	17
31	Temporal airway microbiome changes related to ventilator-associated pneumonia in children. <i>European Respiratory Journal</i> , 2021, 57, 2001829.	3.1	16
32	Molecular Identification of <i>Staphylococcus aureus</i> in Airway Samples from Children with Cystic Fibrosis. <i>PLoS ONE</i> , 2016, 11, e0147643.	1.1	15
33	Bacterial identification and analytic challenges in clinical microbiome studies. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 441-442.	1.5	13
34	Evaluation and refinement of tmRNA structure using gene sequences from natural microbial communities. <i>Rna</i> , 2001, 7, 1310-1316.	1.6	11
35	Airway microbiome and responses to corticosteroids in corticosteroid-resistant asthma patients treated with acid suppression medications. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 860-862.e1.	1.5	11
36	Molecular analysis of single room humidifier bacteriology. <i>Water Research</i> , 2015, 69, 318-327.	5.3	9

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37	Effects of ivacaftor on systemic inflammation and the plasma proteome in people with CF and G551D. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 950-958.	0.3	9
38	Microbial and Biogeochemical Indicators of Methane in Groundwater Aquifers of the Denver Basin, Colorado. <i>Environmental Science & Technology</i> , 2021, 55, 292-303.	4.6	7
39	Nanodiagnostics to monitor biofilm oxygen metabolism for antibiotic susceptibility testing. <i>Analyst</i> , 2020, 145, 3996-4003.	1.7	5
40	Bacterial Signatures of Paediatric Respiratory Disease: An Individual Participant Data Meta-Analysis. <i>Frontiers in Microbiology</i> , 2021, 12, 711134.	1.5	5
41	Influence of Acid Blockade on the Aerodigestive Tract Microbiome in Children With Cystic Fibrosis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 520-527.	0.9	3
42	Assessing the Airway Microbiota in Cystic Fibrosis. <i>Clinical Microbiology Newsletter</i> , 2016, 38, 179-184.	0.4	2
43	Modified PCR protocol to increase sensitivity for determination of bacterial community composition. <i>Microbiome</i> , 2021, 9, 90.	4.9	2
44	Microbiome of the Lower Airways Alters Corticosteroid Responsiveness in Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB138.	1.5	1
45	Molecular analysis of endotracheal tube biofilms and tracheal aspirates in the pediatric intensive care unit. <i>Advances in Pediatric Research</i> , 2017, 4, .	2.0	1