

# Les Dethlefsen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

12,172  
citations

13  
h-index

21  
g-index

21  
ext. papers

14,008  
ext. citations

12.7  
avg, IF

6.29  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 16 | Diversity of the human intestinal microbial flora. <i>Science</i> , <b>2005</b> , 308, 1635-8  | 33.3 | 5381      |
| 15 | The pervasive effects of an antibiotic on the human gut microbiota, as revealed by deep 16S rRNA sequencing. <i>PLoS Biology</i> , <b>2008</b> , 6, e280   | 9.7  | 1660      |
| 14 | Incomplete recovery and individualized responses of the human distal gut microbiota to repeated antibiotic perturbation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108 Suppl 1, 4554-61 | 11.5 | 1480      |
| 13 | An ecological and evolutionary perspective on human-microbe mutualism and disease. <i>Nature</i> , <b>2007</b> , 449, 811-8  | 50.4 | 1172      |
| 12 | The application of ecological theory toward an understanding of the human microbiome. <i>Science</i> , <b>2012</b> , 336, 1255-62  | 33.3 | 910       |
| 11 | Exploring microbial diversity and taxonomy using SSU rRNA hypervariable tag sequencing. <i>PLoS Genetics</i> , <b>2008</b> , 4, e1000255   | 6    | 666       |
| 10 | Assembly of the human intestinal microbiota. <i>Trends in Ecology and Evolution</i> , <b>2006</b> , 21, 517-23   | 10.9 | 400       |
| 9  | Distinct distal gut microbiome diversity and composition in healthy children from Bangladesh and the United States. <i>PLoS ONE</i> , <b>2013</b> , 8, e53838  | 3.7  | 224       |
| 8  | Performance of the translational apparatus varies with the ecological strategies of bacteria. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 3237-45  | 3.5  | 64        |
| 7  | Multidomain analyses of a longitudinal human microbiome intestinal cleanout perturbation experiment. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005706  | 5    | 45        |
| 6  | Microbial biogeography and ecology of the mouth and implications for periodontal diseases. <i>Periodontology 2000</i> , <b>2020</b> , 82, 26-41  | 12.9 | 32        |
| 5  | Comparisons of distance methods for combining covariates and abundances in microbiome studies. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , <b>2012</b> , 213-24   | 1.3  | 22        |
| 4  | The importance of individuals and scale: moving towards single cell microbiology. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 8-10  | 5.2  | 13        |
| 3  | COMPARISONS OF DISTANCE METHODS FOR COMBINING COVARIATES AND ABUNDANCES IN MICROBIOME STUDIES <b>2011</b> ,  |      | 12        |
| 2  | Differences in codon bias cannot explain differences in translational power among microbes. <i>BMC Bioinformatics</i> , <b>2005</b> , 6, 3   | 3.6  | 9         |
| 1  | Strategies for understanding dynamic, personalized profiles of host-derived proteins and microbes from human stool   |      | 1         |