

# George E Chlipala

## List of Publications by Year in Descending Order

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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.

34  
papers

1,245  
citations

18  
h-index

35  
g-index

39  
ext. papers

1,673  
ext. citations

6.7  
avg, IF

4.14  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 34 | Apolipoprotein E genotype-dependent nutrigenetic effects to prebiotic inulin for modulating systemic metabolism and neuroprotection in mice via gut-brain axis. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-11                                 | 3.6  | 5         |
| 33 | Metabolomic profile associated with obstructive sleep apnoea severity in obese pregnant women with gestational diabetes mellitus: A pilot study. <i>Journal of Sleep Research</i> , <b>2021</b> , 30, e13327   | 5.8  | 2         |
| 32 | Longitudinal Analysis of the T-cell Receptor Repertoire in Graft-infiltrating Lymphocytes Following Hand Transplantation. <i>Transplantation</i> , <b>2021</b> , 105, 1502-1509  | 1.8  | 1         |
| 31 | Berberine alters gut microbial function through modulation of bile acids. <i>BMC Microbiology</i> , <b>2021</b> , 21, 24   | 4.5  | 3         |
| 30 | Murine Gut Microbiome Association With Alleles. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 200   | 8.4  | 20        |
| 29 | COVID-19 Outbreak Among a University Men's and Women's Soccer Teams - Chicago, Illinois, July-August 2020. <i>Morbidity and Mortality Weekly Report</i> , <b>2020</b> , 69, 1591-1594  | 31.7 | 13        |
| 28 | Seasonal Ely Copper Mine Superfund site shotgun metagenomic and metatranscriptomic data analysis. <i>Data in Brief</i> , <b>2020</b> , 32, 106282  | 1.2  | 0         |
| 27 | Characterization of an acid rock drainage microbiome and transcriptome at the Ely Copper Mine Superfund site. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237599   | 3.7  | 4         |
| 26 | The lifestyle of bile acid 7 $\alpha$ -dehydroxylating bacteria: comparative genomics, metatranscriptomic, and bile acid metabolomics analysis of a defined microbial community in gnotobiotic mice. <i>Gut Microbes</i> , <b>2020</b> , 11, 381-404 | 8.8  | 31        |
| 25 | No changes in gut microbiota after two-week sleep extension in chronically sleep-deprived individuals. <i>Sleep Medicine</i> , <b>2020</b> , 68, 27-30   | 4.6  | 6         |
| 24 | Effect of Dietary Fiber on the Composition of the Murine Dental Microbiome. <i>Dentistry Journal</i> , <b>2019</b> , 7,  | 3.1  | 7         |
| 23 | Dietary inulin alters the gut microbiome, enhances systemic metabolism and reduces neuroinflammation in an APOE4 mouse model. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221828   | 3.7  | 42        |
| 22 | Predictors of Obesity among Gut Microbiota Biomarkers in African American Men with and without Diabetes. <i>Microorganisms</i> , <b>2019</b> , 7,  | 4.9  | 17        |
| 21 | The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , <b>2019</b> , 364,  | 33.3 | 300       |
| 20 | Complete Genome Sequence of a USA100 Methicillin-Resistant Staphylococcus aureus Strain. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,   | 1.3  | 1         |
| 19 | Reproducible changes in the gut microbiome suggest a shift in microbial and host metabolism during spaceflight. <i>Microbiome</i> , <b>2019</b> , 7, 113   | 16.6 | 29        |
| 18 | HIV Status Does Not Affect Rectal Microbiome Composition, Diversity, or Stability over Time: A Chicago Women's Interagency HIV Study. <i>AIDS Research and Human Retroviruses</i> , <b>2019</b> , 35, 260-266  | 1.6  | 3         |

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|----|---|------|-----|
| 17 | Ketogenic diet enhances neurovascular function with altered gut microbiome in young healthy mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 6670   | 4.9  | 115 |
| 16 | Gut microbiota varies by opioid use, circulating leptin and oxytocin in African American men with diabetes and high burden of chronic disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194171   | 3.7  | 44  |
| 15 | Fructose diet alleviates acetaminophen-induced hepatotoxicity in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182977   | 3.7  | 7   |
| 14 | Age Drives Distortion of Brain Metabolic, Vascular and Cognitive Functions, and the Gut Microbiome. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 298   | 5.3  | 62  |
| 13 | Identification of an unexpected shunt pathway product provides new insights into tirandamycin biosynthesis. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 5919-5923  | 2    | 5   |
| 12 | Actinoramide A Identified as a Potent Antimalarial from Titration-Based Screening of Marine Natural Product Extracts. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 2411-22  | 4.9  | 25  |
| 11 | Identification of Quorum-Sensing Inhibitors Disrupting Signaling between Rgg and Short Hydrophobic Peptides in Streptococci. <i>MBio</i> , <b>2015</b> , 6, e00393-15   | 7.8  | 20  |
| 10 | Microseiramide from the Freshwater Cyanobacterium sp. UIC 10445. <i>Phytochemistry Letters</i> , <b>2015</b> , 13, 47-52  | 1.9  | 1   |
| 9  | Carbamidocyclophanes F and G with Anti- Activity from the Cultured Freshwater Cyanobacterium sp. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 686-689   | 2    | 31  |
| 8  | Baulamycins A and B, broad-spectrum antibiotics identified as inhibitors of siderophore biosynthesis in <i>Staphylococcus aureus</i> and <i>Bacillus anthracis</i> . <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 1579-86 | 16.4 | 84  |
| 7  | Biochemical and structural characterization of germicidin synthase: analysis of a type III polyketide synthase that employs acyl-ACP as a starter unit donor. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7359-66        | 16.4 | 45  |
| 6  | Chemodiversity in freshwater and terrestrial cyanobacteria - a source for drug discovery. <i>Current Drug Targets</i> , <b>2011</b> , 12, 1654-73   | 3    | 89  |
| 5  | CYANOS: a data management system for natural product drug discovery efforts using cultured microorganisms. <i>Journal of Chemical Information and Modeling</i> , <b>2011</b> , 51, 171-80   | 6.1  | 2   |
| 4  | Nhatrangins A and B, aplysiatoxin-related metabolites from the marine cyanobacterium <i>Lyngbya majuscula</i> from Vietnam. <i>Journal of Natural Products</i> , <b>2010</b> , 73, 784-7  | 4.9  | 49  |
| 3  | Cylindrocyclophanes with proteasome inhibitory activity from the Cyanobacterium <i>Nostoc</i> sp. <i>Journal of Natural Products</i> , <b>2010</b> , 73, 1529-37  | 4.9  | 34  |
| 2  | Antimicrobial ambiguine isonitriles from the cyanobacterium <i>Fischerella ambigua</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 894-9   | 4.9  | 115 |
| 1  | Investigation of antimicrobial and protease-inhibitory activity from cultured cyanobacteria. <i>Pharmaceutical Biology</i> , <b>2009</b> , 47, 53-60  | 3.8  | 26  |