

George E Chlipala

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.

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	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , 2019 , 364,	33.3	300
33	Ketogenic diet enhances neurovascular function with altered gut microbiome in young healthy mice. <i>Scientific Reports</i> , 2018 , 8, 6670	4.9	115
32	Antimicrobial ambiguine isonitriles from the cyanobacterium <i>Fischerella ambigua</i> . <i>Journal of Natural Products</i> , 2009 , 72, 894-9	4.9	115
31	Chemodiversity in freshwater and terrestrial cyanobacteria - a source for drug discovery. <i>Current Drug Targets</i> , 2011 , 12, 1654-73	3	89
30	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> , 2014 , 136, 1579-86	16.4	84
29	Age Drives Distortion of Brain Metabolic, Vascular and Cognitive Functions, and the Gut Microbiome. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 298	5.3	62
28	Nhatrangins A and B, aplysiatoxin-related metabolites from the marine cyanobacterium <i>Lyngbya majuscula</i> from Vietnam. <i>Journal of Natural Products</i> , 2010 , 73, 784-7	4.9	49
27	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> , 2012 , 134, 7359-66	16.4	45
26	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> , 2018 , 13, e0194171	3.7	44
25	Dietary inulin alters the gut microbiome, enhances systemic metabolism and reduces neuroinflammation in an APOE4 mouse model. <i>PLoS ONE</i> , 2019 , 14, e0221828	3.7	42
24	Cylindrocyclophanes with proteasome inhibitory activity from the Cyanobacterium <i>Nostoc</i> sp. <i>Journal of Natural Products</i> , 2010 , 73, 1529-37	4.9	34
23	Carbamidocyclophanes F and G with Anti-Activity from the Cultured Freshwater Cyanobacterium sp. <i>Tetrahedron Letters</i> , 2014 , 55, 686-689	2	31
22	The Wifestylewóf bile acid 7Edehydroxylating bacteria: comparative genomics, metatranscriptomic, and bile acid metabolomics analysis of a defined microbial community in gnotobiotic mice. <i>Gut Microbes</i> , 2020 , 11, 381-404	8.8	31
21	Reproducible changes in the gut microbiome suggest a shift in microbial and host metabolism during spaceflight. <i>Microbiome</i> , 2019 , 7, 113	16.6	29
20	Investigation of antimicrobial and protease-inhibitory activity from cultured cyanobacteria. <i>Pharmaceutical Biology</i> , 2009 , 47, 53-60	3.8	26
19	Actinoramide A Identified as a Potent Antimalarial from Titration-Based Screening of Marine Natural Product Extracts. <i>Journal of Natural Products</i> , 2015 , 78, 2411-22	4.9	25
18	Identification of Quorum-Sensing Inhibitors Disrupting Signaling between Rgg and Short Hydrophobic Peptides in <i>Streptococci</i> . <i>MBio</i> , 2015 , 6, e00393-15	7.8	20

17	Murine Gut Microbiome Association With Alleles. <i>Frontiers in Immunology</i> , 2020 , 11, 200	8.4	20
16	Predictors of Obesity among Gut Microbiota Biomarkers in African American Men with and without Diabetes. <i>Microorganisms</i> , 2019 , 7,	4.9	17
15	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> , 2020 , 69, 1591-1594	31.7	13
14	Effect of Dietary Fiber on the Composition of the Murine Dental Microbiome. <i>Dentistry Journal</i> , 2019 , 7,	3.1	7
13	Fructose diet alleviates acetaminophen-induced hepatotoxicity in mice. <i>PLoS ONE</i> , 2017 , 12, e0182977	3.7	7
12	No changes in gut microbiota after two-week sleep extension in chronically sleep-deprived individuals. <i>Sleep Medicine</i> , 2020 , 68, 27-30	4.6	6
11	Identification of an unexpected shunt pathway product provides new insights into tirandamycin biosynthesis. <i>Tetrahedron Letters</i> , 2016 , 57, 5919-5923	2	5
10	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> , 2021 , 1-11	3.6	5
9	Characterization of an acid rock drainage microbiome and transcriptome at the Ely Copper Mine Superfund site. <i>PLoS ONE</i> , 2020 , 15, e0237599	3.7	4
8	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> , 2019 , 35, 260-266	1.6	3
7	Berberine alters gut microbial function through modulation of bile acids. <i>BMC Microbiology</i> , 2021 , 21, 24	4.5	3
6	CYANOS: a data management system for natural product drug discovery efforts using cultured microorganisms. <i>Journal of Chemical Information and Modeling</i> , 2011 , 51, 171-80	6.1	2
5	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> , 2021 , 30, e13327	5.8	2
4	Complete Genome Sequence of a USA100 Methicillin-Resistant <i>Staphylococcus aureus</i> Strain. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	1
3	Microseiramide from the Freshwater Cyanobacterium sp. UIC 10445. <i>Phytochemistry Letters</i> , 2015 , 13, 47-52	1.9	1
2	Longitudinal Analysis of the T-cell Receptor Repertoire in Graft-infiltrating Lymphocytes Following Hand Transplantation. <i>Transplantation</i> , 2021 , 105, 1502-1509	1.8	1
1	Seasonal Ely Copper Mine Superfund site shotgun metagenomic and metatranscriptomic data analysis. <i>Data in Brief</i> , 2020 , 32, 106282	1.2	0