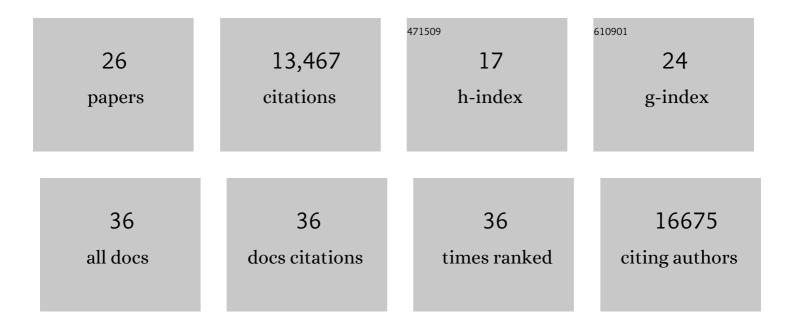
Fernando Vargas

List of Publications by Year in descending order

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| # | Article | lF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. Nature Biotechnology, 2019, 37, 852-857. | 17.5 | 11,167 |
| 2 | Feature-based molecular networking in the GNPS analysis environment. Nature Methods, 2020, 17, 905-908. | 19.0 | 650 |
| 3 | Reproducible molecular networking of untargeted mass spectrometry data using GNPS. Nature Protocols, 2020, 15, 1954-1991. | 12.0 | 344 |
| 4 | Global chemical effects of the microbiome include new bile-acid conjugations. Nature, 2020, 579, 123-129. | 27.8 | 316 |
| 5 | Mass spectrometry searches using MASST. Nature Biotechnology, 2020, 38, 23-26. | 17.5 | 160 |
| 6 | Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. Nature Communications, 2021, 12, 3832. | 12.8 | 119 |
| 7 | Database-independent molecular formula annotation using Gibbs sampling through ZODIAC. Nature Machine Intelligence, 2020, 2, 629-641. | 16.0 | 103 |
| 8 | Coupling Targeted and Untargeted Mass Spectrometry for Metabolome-Microbiome-Wide Association Studies of Human Fecal Samples. Analytical Chemistry, 2017, 89, 7549-7559. | 6.5 | 62 |
| 9 | Mortality Risk Profiling of Staphylococcus aureus Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. Cell, 2020, 182, 1311-1327.e14. | 28.9 | 58 |
| 10 | Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. PLoS ONE, 2020, 15, e0229001. | 2.5 | 56 |
| 11 | Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290. | 8.2 | 52 |
| 12 | MetaMiner: A Scalable Peptidogenomics Approach for Discovery of Ribosomal Peptide Natural Products with Blind Modifications from Microbial Communities. Cell Systems, 2019, 9, 600-608.e4. | 6.2 | 46 |
| 13 | Mass Spectrometry-Based Visualization of Molecules Associated with Human Habitats. Analytical Chemistry, 2016, 88, 10775-10784. | 6.5 | 44 |
| 14 | Experimental Chagas disease-induced perturbations of the fecal microbiome and metabolome. PLoS Neglected Tropical Diseases, 2018, 12, e0006344. | 3.0 | 39 |
| 15 | Ruminiclostridium 5, Parabacteroides distasonis, and bile acid profile are modulated by prebiotic diet and associate with facilitated sleep/clock realignment after chronic disruption of rhythms. Brain, Behavior, and Immunity, 2021, 97, 150-166. | 4.1 | 34 |
| 16 | Enhancing untargeted metabolomics using metadata-based source annotation. Nature Biotechnology, 2022, 40, 1774-1779. | 17.5 | 25 |
| 17 | Paroxetine Administration Affects Microbiota and Bile Acid Levels in Mice. Frontiers in Psychiatry, 2020, 11, 518. | 2.6 | 19 |
| 18 | Initial Development toward Non-Invasive Drug Monitoring via Untargeted Mass Spectrometric Analysis of Human Skin. Analytical Chemistry, 2019, 91, 8062-8069. | 6.5 | 17 |

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| # | Article | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Protocol for communityâ€created public MS/MS reference spectra within the Global Natural Products Social Molecular Networking infrastructure. Rapid Communications in Mass Spectrometry, 2020, 34, e8725. | 1.5 | 14 |
| 20 | Computational Removal of Undesired Mass Spectral Features Possessing Repeat Units via a Kendrick Mass Filter. Journal of the American Society for Mass Spectrometry, 2019, 30, 268-277. | 2.8 | 12 |
| 21 | The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 35-53. | 4.5 | 10 |
| 22 | Evaluating Organism-Wide Changes in the Metabolome and Microbiome following a Single Dose of Antibiotic. MSystems, 2020, 5, . | 3.8 | 6 |
| 23 | Multiomic Analyses of Nascent Preterm Infant Microbiomes Differentiation Suggest Opportunities for Targeted Intervention. Advanced Biology, 2022, 6, . | 2.5 | 4 |
| 24 | Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001. | | 0 |
| 25 | Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001. | | 0 |
| 26 | Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001. | | 0 |