

Aitor Blanco-MÃ-guez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1142519/publications.pdf>

Version: 2024-02-01

27
papers

2,328
citations

759233

12
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

2725
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Integrating taxonomic, functional, and strain-level profiling of diverse microbial communities with bioBakery 3. <i>ELife</i> , 2021, 10, . | 6.0 | 808 |
| 2 | Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600240. | 3.3 | 678 |
| 3 | Intestinal <i>Akkermansia muciniphila</i> predicts clinical response to PD-1 blockade in patients with advanced non-small-cell lung cancer. <i>Nature Medicine</i> , 2022, 28, 315-324. | 30.7 | 225 |
| 4 | Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma. <i>Nature Medicine</i> , 2022, 28, 535-544. | 30.7 | 158 |
| 5 | Faecal microbiota transplantation for the treatment of diarrhoea induced by tyrosine-kinase inhibitors in patients with metastatic renal cell carcinoma. <i>Nature Communications</i> , 2020, 11, 4333. | 12.8 | 82 |
| 6 | Genomic diversity and ecology of human-associated <i>Akkermansia</i> species in the gut microbiome revealed by extensive metagenomic assembly. <i>Genome Biology</i> , 2021, 22, 209. | 8.8 | 65 |
| 7 | From amino acid sequence to bioactivity: The biomedical potential of antitumor peptides. <i>Protein Science</i> , 2016, 25, 1084-1095. | 7.6 | 55 |
| 8 | Tackling probiotic and gut microbiota functionality through proteomics. <i>Journal of Proteomics</i> , 2016, 147, 28-39. | 2.4 | 40 |
| 9 | MAHMI database: a comprehensive MetaHit-based resource for the study of the mechanism of action of the human microbiota. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, baw157. | 3.0 | 29 |
| 10 | Hallstatt miners consumed blue cheese and beer during the Iron Age and retained a non-Westernized gut microbiome until the Baroque period. <i>Current Biology</i> , 2021, 31, 5149-5162.e6. | 3.9 | 22 |
| 11 | BlasterJS: A novel interactive JavaScript visualisation component for BLAST alignment results. <i>PLoS ONE</i> , 2018, 13, e0205286. | 2.5 | 21 |
| 12 | In Silico Screening of the Human Gut Metaproteome Identifies Th17-Promoting Peptides Encrypted in Proteins of Commensal Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 1726. | 3.5 | 20 |
| 13 | Resources and tools for the high-throughput, multi-omic study of intestinal microbiota. <i>Briefings in Bioinformatics</i> , 2019, 20, 1032-1056. | 6.5 | 10 |
| 14 | Commensal <i>Bifidobacterium</i> Strains Enhance the Efficacy of Neo-Epitope Based Cancer Vaccines. <i>Vaccines</i> , 2021, 9, 1356. | 4.4 | 10 |
| 15 | DEWE: A novel tool for executing differential expression RNA-Seq workflows in biomedical research. <i>Computers in Biology and Medicine</i> , 2019, 107, 197-205. | 7.0 | 9 |
| 16 | In silico prediction reveals the existence of potential bioactive neuropeptides produced by the human gut microbiota. <i>Food Research International</i> , 2019, 119, 221-226. | 6.2 | 8 |
| 17 | Outer Membrane Vesicles From The Gut Microbiome Contribute to Tumor Immunity by Eliciting Cross-Reactive T Cells. <i>Frontiers in Oncology</i> , 0, 12, . | 2.8 | 8 |
| 18 | The extracellular proteins of <i>Lactobacillus acidophilus</i> DSM 20079T display anti-inflammatory effect in both in piglets, healthy human donors and Crohn's Disease patients. <i>Journal of Functional Foods</i> , 2020, 64, 103660. | 3.4 | 6 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Precision modification of the human gut microbiota targeting surface-associated proteins. Scientific Reports, 2021, 11, 1270. | 3.3 | 6 |
| 20 | A peptidome-based phylogeny pipeline reveals differential peptides at the strain level within Bifidobacterium animalis subsp. lactis. Food Microbiology, 2016, 60, 137-141. | 4.2 | 4 |
| 21 | Next generation community assessment of biomedical entity recognition web servers: metrics, performance, interoperability aspects of BeCalm. Journal of Cheminformatics, 2019, 11, 42. | 6.1 | 4 |
| 22 | Cell wall hydrolase as a surface-associated protein target for the specific detection of Lactobacillus rhamnosus using flow cytometry. Innovative Food Science and Emerging Technologies, 2020, 59, 102240. | 5.6 | 4 |
| 23 | Improving Phylogeny Reconstruction at the Strain Level Using Peptidome Datasets. PLoS Computational Biology, 2016, 12, e1005271. | 3.2 | 4 |
| 24 | In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. Journal of Functional Foods, 2020, 70, 103969. | 3.4 | 3 |
| 25 | Computational prediction of the bioactivity potential of proteomes based on expert knowledge. Journal of Biomedical Informatics, 2019, 91, 103121. | 4.3 | 2 |
| 26 | P4P: a peptidome-based strain-level genome comparison web tool. Nucleic Acids Research, 2017, 45, W265-W269. | 14.5 | 1 |
| 27 | Microbiota-Derived β -Amyloid-like Peptides Trigger Alzheimer's Disease-Related Pathways in the SH-SY5Y Neural Cell Line. Nutrients, 2021, 13, 3868. | 4.1 | 1 |