

# 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

758635

12  
h-index

552369

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, .	2.8	808
2	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600240.	1.5	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.	15.2	225
4	Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma. <i>Nature Medicine</i> , 2022, 28, 535-544.	15.2	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.	5.8	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.	3.8	65
7	From amino acid sequence to bioactivity: The biomedical potential of antitumor peptides. <i>Protein Science</i> , 2016, 25, 1084-1095.	3.1	55
8	Tackling probiotic and gut microbiota functionality through proteomics. <i>Journal of Proteomics</i> , 2016, 147, 28-39.	1.2	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.	1.4	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.	1.8	22
11	BlasterJS: A novel interactive JavaScript visualisation component for BLAST alignment results. <i>PLoS ONE</i> , 2018, 13, e0205286.	1.1	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.	1.5	20
13	Resources and tools for the high-throughput, multi-omic study of intestinal microbiota. <i>Briefings in Bioinformatics</i> , 2019, 20, 1032-1056.	3.2	10
14	Commensal <i>Bifidobacterium</i> Strains Enhance the Efficacy of Neo-Epitope Based Cancer Vaccines. <i>Vaccines</i> , 2021, 9, 1356.	2.1	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.	3.9	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.	2.9	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, .	1.3	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.	1.6	6

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19	Precision modification of the human gut microbiota targeting surface-associated proteins. <i>Scientific Reports</i> , 2021, 11, 1270.	1.6	6
20	A peptidome-based phylogeny pipeline reveals differential peptides at the strain level within <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Food Microbiology</i> , 2016, 60, 137-141.	2.1	4
21	Next generation community assessment of biomedical entity recognition web servers: metrics, performance, interoperability aspects of BeCalm. <i>Journal of Cheminformatics</i> , 2019, 11, 42.	2.8	4
22	Cell wall hydrolase as a surface-associated protein target for the specific detection of <i>Lactobacillus rhamnosus</i> using flow cytometry. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 59, 102240.	2.7	4
23	Improving Phylogeny Reconstruction at the Strain Level Using Peptidome Datasets. <i>PLoS Computational Biology</i> , 2016, 12, e1005271.	1.5	4
24	In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. <i>Journal of Functional Foods</i> , 2020, 70, 103969.	1.6	3
25	Computational prediction of the bioactivity potential of proteomes based on expert knowledge. <i>Journal of Biomedical Informatics</i> , 2019, 91, 103121.	2.5	2
26	P4P: a peptidome-based strain-level genome comparison web tool. <i>Nucleic Acids Research</i> , 2017, 45, W265-W269.	6.5	1
27	Microbiota-Derived $\beta$ -Amyloid-like Peptides Trigger Alzheimer's Disease-Related Pathways in the SH-SY5Y Neural Cell Line. <i>Nutrients</i> , 2021, 13, 3868.	1.7	1