

Aitor Blanco-Miguez

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.

26

papers

826

citations

11

h-index

28

g-index

31

ext. papers

1,493

ext. citations

10.7

avg, IF

4.3

L-index

#	Paper	IF	Citations
26	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600240	5.9	442
25	Integrating taxonomic, functional, and strain-level profiling of diverse microbial communities with bioBakery 3. <i>ELife</i> , 2021 , 10,	8.9	114
24	From amino acid sequence to bioactivity: The biomedical potential of antitumor peptides. <i>Protein Science</i> , 2016 , 25, 1084-95	6.3	42
23	Tackling probiotic and gut microbiota functionality through proteomics. <i>Journal of Proteomics</i> , 2016 , 147, 28-39	3.9	33
22	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	17.4	31
21	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,	5	24
20	Intestinal Akkermansia muciniphila predicts clinical response to PD-1 blockade in patients with advanced non-small-cell lung cancer.. <i>Nature Medicine</i> , 2022 ,	50.5	23
19	Integrating taxonomic, functional, and strain-level profiling of diverse microbial communities with bioBakery 3		22
18	Screening of the Human Gut Metaproteome Identifies Th17-Promoting Peptides Encrypted in Proteins of Commensal Bacteria. <i>Frontiers in Microbiology</i> , 2017 , 8, 1726	5.7	14
17	Genomic diversity and ecology of human-associated Akkermansia species in the gut microbiome revealed by extensive metagenomic assembly. <i>Genome Biology</i> , 2021 , 22, 209	18.3	14
16	Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma.. <i>Nature Medicine</i> , 2022 ,	50.5	14
15	Resources and tools for the high-throughput, multi-omic study of intestinal microbiota. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1032-1056	13.4	8
14	BlasterJS: A novel interactive JavaScript visualisation component for BLAST alignment results. <i>PLoS ONE</i> , 2018 , 13, e0205286	3.7	8
13	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	7	6
12	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	6
11	Next generation community assessment of biomedical entity recognition web servers: metrics, performance, interoperability aspects of BeCalm. <i>Journal of Cheminformatics</i> , 2019 , 11, 42	8.6	4
10	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, 137-41	6	3

9	Improving Phylogeny Reconstruction at the Strain Level Using Peptidome Datasets. <i>PLoS Computational Biology</i> , 2016 , 12, e1005271	5	3
8	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	6.3	3
7	In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. <i>Journal of Functional Foods</i> , 2020 , 70, 103969	5.1	2
6	Release of potential pro-inflammatory peptides from SARS-CoV-2 spike glycoproteins in neutrophil-extracellular traps		2
5	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	5.1	2
4	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	6.8	2
3	Computational prediction of the bioactivity potential of proteomes based on expert knowledge. <i>Journal of Biomedical Informatics</i> , 2019 , 91, 103121	10.2	1
2	Precision modification of the human gut microbiota targeting surface-associated proteins. <i>Scientific Reports</i> , 2021 , 11, 1270	4.9	1
1	P4P: a peptidome-based strain-level genome comparison web tool. <i>Nucleic Acids Research</i> , 2017 , 45, W265-W269	6.5	1