

Aitor Blanco-MÃ-guez

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,328
citations

759055

12
h-index

552653

26
g-index

31
all docs

31
docs citations

31
times ranked

2725
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Akkermansia muciniphila 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
2	Cross-cohort gut microbiome associations with immune checkpoint inhibitor response in advanced melanoma. <i>Nature Medicine</i> , 2022, 28, 535-544.	15.2	158
3	Precision modification of the human gut microbiota targeting surface-associated proteins. <i>Scientific Reports</i> , 2021, 11, 1270.	1.6	6
4	Integrating taxonomic, functional, and strain-level profiling of diverse microbial communities with bioBakery 3. <i>ELife</i> , 2021, 10, .	2.8	808
5	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.	3.8	65
6	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
7	Microbiota-Derived Î²-Amyloid-like Peptides Trigger Alzheimerâ€™s Disease-Related Pathways in the SH-SY5Y Neural Cell Line. <i>Nutrients</i> , 2021, 13, 3868.	1.7	1
8	Commensal Bifidobacterium Strains Enhance the Efficacy of Neo-Epitope Based Cancer Vaccines. <i>Vaccines</i> , 2021, 9, 1356.	2.1	10
9	The extracellular proteins of Lactobacillus acidophilus DSM 20079T display anti-inflammatory effect in both in piglets, healthy human donors and Crohnâ€™s Disease patients. <i>Journal of Functional Foods</i> , 2020, 64, 103660.	1.6	6
10	Cell wall hydrolase as a surface-associated protein target for the specific detection of Lactobacillus rhamnosus using flow cytometry. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 59, 102240.	2.7	4
11	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
12	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
13	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
14	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
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	Computational prediction of the bioactivity potential of proteomes based on expert knowledge. <i>Journal of Biomedical Informatics</i> , 2019, 91, 103121.	2.5	2
17	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
18	BlasterJS: A novel interactive JavaScript visualisation component for BLAST alignment results. <i>PLoS ONE</i> , 2018, 13, e0205286.	1.1	21

#	ARTICLE	IF	CITATIONS
19	MAHMI database: a comprehensive MetaHit-based resource for the study of the mechanism of action of the human microbiota. Database: the Journal of Biological Databases and Curation, 2017, 2017, baw157.	1.4	29
20	P4P: a peptidome-based strain-level genome comparison web tool. Nucleic Acids Research, 2017, 45, W265-W269.	6.5	1
21	Probiotics, gut microbiota, and their influence on host health and disease. Molecular Nutrition and Food Research, 2017, 61, 1600240.	1.5	678
22	In Silico Screening of the Human Gut Metaproteome Identifies Th17-Promoting Peptides Encrypted in Proteins of Commensal Bacteria. Frontiers in Microbiology, 2017, 8, 1726.	1.5	20
23	From amino acid sequence to bioactivity: The biomedical potential of antitumor peptides. Protein Science, 2016, 25, 1084-1095.	3.1	55
24	A peptidome-based phylogeny pipeline reveals differential peptides at the strain level within <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . Food Microbiology, 2016, 60, 137-141.	2.1	4
25	Tackling probiotic and gut microbiota functionality through proteomics. Journal of Proteomics, 2016, 147, 28-39.	1.2	40
26	Improving Phylogeny Reconstruction at the Strain Level Using Peptidome Datasets. PLoS Computational Biology, 2016, 12, e1005271.	1.5	4
27	Outer Membrane Vesicles From The Gut Microbiome Contribute to Tumor Immunity by Eliciting Cross-Reactive T Cells. Frontiers in Oncology, 0, 12, .	1.3	8