

Bruno Fosso

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,572
citations

394421

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#	ARTICLE	IF	CITATIONS
1	Endogenous murine microbiota member <i>Faecalibaculum rodentium</i> and its human homologue protect from intestinal tumour growth. <i>Nature Microbiology</i> , 2020, 5, 511-524.	13.3	248
2	BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. <i>Immunity</i> , 2015, 43, 527-540.	14.3	247
3	Whole transcriptome profiling of Late-Onset Alzheimer's Disease patients provides insights into the molecular changes involved in the disease. <i>Scientific Reports</i> , 2018, 8, 4282.	3.3	102
4	T Follicular Helper Cells Promote a Beneficial Gut Ecosystem for Host Metabolic Homeostasis by Sensing Microbiota-Derived Extracellular ATP. <i>Cell Reports</i> , 2017, 18, 2566-2575.	6.4	87
5	Reference databases for taxonomic assignment in metagenomics. <i>Briefings in Bioinformatics</i> , 2012, 13, 682-695.	6.5	82
6	<i>Lactobacillus rossiae</i> , a Vitamin B12 Producer, Represents a Metabolically Versatile Species within the Genus <i>Lactobacillus</i> . <i>PLoS ONE</i> , 2014, 9, e107232.	2.5	74
7	Intestinal microbiota sustains inflammation and autoimmunity induced by hypomorphic <i>IL-10</i> defects. <i>Journal of Experimental Medicine</i> , 2016, 213, 355-375.	8.5	61
8	Complexity and Dynamics of the Winemaking Bacterial Communities in Berries, Musts, and Wines from Apulian Grape Cultivars through Time and Space. <i>PLoS ONE</i> , 2016, 11, e0157383.	2.5	60
9	The influence of invasive jellyfish blooms on the aquatic microbiome in a coastal lagoon (Varano, SE Tj ETQq1 1 0.784314 rgBT /Over 2.4 58	2.4	58
10	BioMaS: a modular pipeline for Bioinformatic analysis of Metagenomic AmpliconS. <i>BMC Bioinformatics</i> , 2015, 16, 203.	2.6	49
11	Dynamic inosinome profiles reveal novel patient stratification and gender-specific differences in glioblastoma. <i>Genome Biology</i> , 2019, 20, 33.	8.8	49
12	BioVeL: a virtual laboratory for data analysis and modelling in biodiversity science and ecology. <i>BMC Ecology</i> , 2016, 16, 49.	3.0	45
13	The metagenomic data life-cycle: standards and best practices. <i>GigaScience</i> , 2017, 6, 1-11.	6.4	42
14	Human Endometrial Microbiota at Term of Normal Pregnancies. <i>Genes</i> , 2019, 10, 971.	2.4	38
15	ITSoneDB: a comprehensive collection of eukaryotic ribosomal RNA Internal Transcribed Spacer 1 (ITS1) sequences. <i>Nucleic Acids Research</i> , 2018, 46, D127-D132.	14.5	31
16	Microbiota composition, gene pool and its expression in Gir cattle (<i>Bos indicus</i>) rumen under different forage diets using metagenomic and metatranscriptomic approaches. <i>Systematic and Applied Microbiology</i> , 2018, 41, 374-385.	2.8	29
17	Jellyfish summer outbreaks as bacterial vectors and potential hazards for marine animals and humans health? The case of <i>Rhizostoma pulmo</i> (Scyphozoa, Cnidaria). <i>Science of the Total Environment</i> , 2019, 692, 305-318.	8.0	27
18	Gastric Adenocarcinomas and Signet-Ring Cell Carcinoma: Unraveling Gastric Cancer Complexity through Microbiome Analysis–Deepening Heterogeneity for a Personalized Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9735.	4.1	25

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19	Microbiome composition indicate dysbiosis and lower richness in tumor breast tissues compared to healthy adjacent paired tissue, within the same women. <i>BMC Cancer</i> , 2022, 22, 30.	2.6	23
20	Stem Cell Impairment at the Host-Microbiota Interface in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 996.	3.7	22
21	MetaShot: an accurate workflow for taxon classification of host-associated microbiome from shotgun metagenomic data. <i>Bioinformatics</i> , 2017, 33, 1730-1732.	4.1	21
22	A Differential Metabarcoding Approach to Describe Taxonomy Profiles of Bacteria and Archaea in the Saltern of Margherita di Savoia (Italy). <i>Microorganisms</i> , 2020, 8, 936.	3.6	21
23	Enrichment of intestinal <i>Lactobacillus</i> by enhanced secretory IgA coating alters glucose homeostasis in P2rx7 ^{+/+} mice. <i>Scientific Reports</i> , 2019, 9, 9315.	3.3	18
24	The Microbial Community Associated with <i>Rhizostoma pulmo</i> : Ecological Significance and Potential Consequences for Marine Organisms and Human Health. <i>Marine Drugs</i> , 2020, 18, 437.	4.6	16
25	Unbiased Taxonomic Annotation of Metagenomic Samples. <i>Journal of Computational Biology</i> , 2018, 25, 348-360.	1.6	12
26	Microbiome as Mediator of Diet on Colorectal Cancer Risk: The Role of Vitamin D, Markers of Inflammation and Adipokines. <i>Nutrients</i> , 2021, 13, 363.	4.1	11
27	Accurate detection and quantification of SARS-CoV-2 genomic and subgenomic mRNAs by ddPCR and meta-transcriptomics analysis. <i>Communications Biology</i> , 2021, 4, 1215.	4.4	10
28	Functional Integration of mRNA Translational Control Programs. <i>Biomolecules</i> , 2015, 5, 1580-1599.	4.0	9
29	Evaluating the Efficiency of DNA Metabarcoding to Analyze the Diet of <i>Hippocampus guttulatus</i> (Teleostea: Syngnathidae). <i>Life</i> , 2021, 11, 998.	2.4	9
30	A primer on machine learning techniques for genomic applications. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4345-4359.	4.1	8
31	Accurate quantification of bacterial abundance in metagenomic DNAs accounting for variable DNA integrity levels. <i>Microbial Genomics</i> , 2020, 6, .	2.0	8
32	e-DNA Meta-Barcoding: From NGS Raw Data to Taxonomic Profiling. <i>Methods in Molecular Biology</i> , 2015, 1269, 257-278.	0.9	4
33	Analysis of microbiome in gastrointestinal stromal tumors: Looking for different players in tumorigenesis and novel therapeutic options. <i>Cancer Science</i> , 2022, 113, 2590-2599.	3.9	4
34	No metagenomic evidence of tumorigenic viruses in cancers from a selected cohort of immunosuppressed subjects. <i>Scientific Reports</i> , 2019, 9, 19815.	3.3	3
35	Management at the service of research: ReOmicS, a quality management system for omics sciences. <i>Palgrave Communications</i> , 2019, 5, .	4.7	2
36	Comparative Fecal Microbiota Analysis of Infants With Acute Bronchiolitis Caused or Not Caused by Respiratory Syncytial Virus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 815715.	3.9	2

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37	ITSoneWB: profiling global taxonomic diversity of eukaryotic communities on Galaxy. <i>Bioinformatics</i> , 2021, 37, 4253-4254.	4.1	1
38	Evaluating DNA metabarcoding to analyze diet composition of wild long-snouted seahorse <i>Hippocampus guttulatus</i> . , 2021, , .		1
39	Morphological, molecular, and biochemical study of cyanobacteria from a eutrophic Algerian reservoir (Cheffia). <i>Environmental Science and Pollution Research</i> , 2022, 29, 27624.	5.3	1
40	Unbiased Taxonomic Annotation of Metagenomic Samples. <i>Lecture Notes in Computer Science</i> , 2017, , 162-173.	1.3	0