

Vicente Perez Brocal

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,830
citations

159358

30
h-index

123241

61
g-index

73
all docs

73
docs citations

73
times ranked

6899
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	2.6	913
2	Immunity and other defenses in pea aphids, <i>Acyrtosiphon pisum</i> . <i>Genome Biology</i> , 2010, 11, R21.	13.9	389
3	Symbiosis. <i>Current Biology</i> , 2006, 16, R866-R871.	1.8	345
4	A Small Microbial Genome: The End of a Long Symbiotic Relationship?. <i>Science</i> , 2006, 314, 312-313.	6.0	309
5	Elevated circulating levels of succinate in human obesity are linked to specific gut microbiota. <i>ISME Journal</i> , 2018, 12, 1642-1657.	4.4	260
6	The microbiome in respiratory medicine: current challenges and future perspectives. <i>European Respiratory Journal</i> , 2017, 49, 1602086.	3.1	194
7	Severity-Related Changes of Bronchial Microbiome in Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Microbiology</i> , 2014, 52, 4217-4223.	1.8	181
8	Organelles in <i>Blastocystis</i> that Blur the Distinction between Mitochondria and Hydrogenosomes. <i>Current Biology</i> , 2008, 18, 580-585.	1.8	167
9	The Endobiota Study: Comparison of Vaginal, Cervical and Gut Microbiota Between Women with Stage 3/4 Endometriosis and Healthy Controls. <i>Scientific Reports</i> , 2019, 9, 2204.	1.6	125
10	Coexistence of <i>Wolbachia</i> with <i>Buchnera aphidicola</i> and a Secondary Symbiont in the Aphid <i>Cinara cedri</i> . <i>Journal of Bacteriology</i> , 2004, 186, 6626-6633.	1.0	119
11	Identification of the Weevil immune genes and their expression in the bacteriome tissue. <i>BMC Biology</i> , 2008, 6, 43.	1.7	114
12	Bronchial microbiome of severe COPD patients colonised by <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1101-1111.	1.3	112
13	Study of the Viral and Microbial Communities Associated With Crohn's Disease: A Metagenomic Approach. <i>Clinical and Translational Gastroenterology</i> , 2013, 4, e36.	1.3	108
14	Obesity Impairs Short-Term and Working Memory through Gut Microbial Metabolism of Aromatic Amino Acids. <i>Cell Metabolism</i> , 2020, 32, 548-560.e7.	7.2	88
15	Metagenomic Analysis of Crohn's Disease Patients Identifies Changes in the Virome and Microbiome Related to Disease Status and Therapy, and Detects Potential Interactions and Biomarkers. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2515-2532.	0.9	79
16	Evolution of the Secondary Symbiont <i>Candidatus Serratia symbiotica</i> in Aphid Species of the Subfamily Lachninae. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4236-4240.	1.4	77
17	Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.	7.2	77
18	Profiling of Protein Degradors in Cultures of Human Gut Microbiota. <i>Frontiers in Microbiology</i> , 2019, 10, 2614.	1.5	74

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19	Comparison of different assembly and annotation tools on analysis of simulated viral metagenomic communities in the gut. <i>BMC Genomics</i> , 2014, 15, 37.	1.2	73
20	Gut microbiota steroid sexual dimorphism and its impact on gonadal steroids: influences of obesity and menopausal status. <i>Microbiome</i> , 2020, 8, 136.	4.9	72
21	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021, 9, 104.	4.9	70
22	Analysis of the gut microbiota in alopecia areata: identification of bacterial biomarkers. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 400-405.	1.3	68
23	Analysis of Two Genomes from the Mitochondrion-Like Organelle of the Intestinal Parasite <i>Blastocystis</i> : Complete Sequences, Gene Content, and Genome Organization. <i>Molecular Biology and Evolution</i> , 2008, 25, 2475-2482.	3.5	59
24	Plasmids in the aphid endosymbiont <i>Buchnera aphidicola</i> with the smallest genomes. A puzzling evolutionary story. <i>Gene</i> , 2006, 370, 17-25.	1.0	50
25	Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. <i>Cell Host and Microbe</i> , 2022, 30, 340-356.e8.	5.1	50
26	Glutamate interactions with obesity, insulin resistance, cognition and gut microbiota composition. <i>Acta Diabetologica</i> , 2019, 56, 569-579.	1.2	49
27	Gut bacterial ClpB-like gene function is associated with decreased body weight and a characteristic microbiota profile. <i>Microbiome</i> , 2020, 8, 59.	4.9	46
28	A Genomic Reappraisal of Symbiotic Function in the Aphid/ <i>Buchnera</i> Symbiosis: Reduced Transporter Sets and Variable Membrane Organisations. <i>PLoS ONE</i> , 2011, 6, e29096.	1.1	44
29	The Gut Metagenome Changes in Parallel to Waist Circumference, Brain Iron Deposition, and Cognitive Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2962-2973.	1.8	40
30	Functional Metagenomics of the Bronchial Microbiome in COPD. <i>PLoS ONE</i> , 2015, 10, e0144448.	1.1	40
31	The analysis of the oral DNA virome reveals which viruses are widespread and rare among healthy young adults in Valencia (Spain). <i>PLoS ONE</i> , 2018, 13, e0191867.	1.1	33
32	A Linear Molecule with Two Large Inverted Repeats: The Mitochondrial Genome of the Stramenopile <i>Proteromonas lacertae</i> . <i>Genome Biology and Evolution</i> , 2010, 2, 257-266.	1.1	31
33	Obesity-associated deficits in inhibitory control are phenocopied to mice through gut microbiota changes in one-carbon and aromatic amino acids metabolic pathways. <i>Gut</i> , 2021, 70, 2283-2296.	6.1	31
34	The intestinal mycobiota and its relationship with overweight, obesity and nutritional aspects. <i>Journal of Human Nutrition and Dietetics</i> , 2021, 34, 645-655.	1.3	29
35	Symbionts and Pathogens: What is the Difference?. <i>Current Topics in Microbiology and Immunology</i> , 2011, 358, 215-243.	0.7	27
36	Bronchial microbiome, PA biofilm-forming capacity and exacerbation in severe COPD patients colonized by <i>P. aeruginosa</i> . <i>Future Microbiology</i> , 2017, 12, 379-392.	1.0	24

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37	Metagenomic analysis of formalin-fixed paraffin-embedded tumor and normal mucosa reveals differences in the microbiome of colorectal cancer patients. <i>Scientific Reports</i> , 2021, 11, 391.	1.6	21
38	The respiratory microbiome in bronchial mucosa and secretions from severe IgE-mediated asthma patients. <i>BMC Microbiology</i> , 2017, 17, 20.	1.3	20
39	Human Milk Virome Analysis: Changing Pattern Regarding Mode of Delivery, Birth Weight, and Lactational Stage. <i>Nutrients</i> , 2021, 13, 1779.	1.7	18
40	Human milk mycobiota composition: relationship with gestational age, delivery mode, and birth weight. <i>Beneficial Microbes</i> , 2020, 11, 151-162.	1.0	18
41	Cross-Regional View of Functional and Taxonomic Microbiota Composition in Obesity and Post-obesity Treatment Shows Country Specific Microbial Contribution. <i>Frontiers in Microbiology</i> , 2019, 10, 2346.	1.5	17
42	Beyond cells – The virome in the human holobiont. <i>Microbial Cell</i> , 2019, 6, 373-396.	1.4	17
43	Gut Microbiota in Children Vaccinated With Rotavirus Vaccine. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 1300-1302.	1.1	16
44	Retrospective case-control study of viral pathogen screening in proliferative verrucous leukoplakia lesions. <i>Clinical Otolaryngology</i> , 2014, 39, 272-280.	0.6	15
45	Optimized DNA extraction and purification method for characterization of bacterial and fungal communities in lung tissue samples. <i>Scientific Reports</i> , 2020, 10, 17377.	1.6	15
46	Advanced strategy to exploit wine-making waste by manufacturing antioxidant and prebiotic fibre-enriched vesicles for intestinal health. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111146.	2.5	14
47	Interkingdom Gut Microbiome and Resistome of the Cockroach <i>Blattella germanica</i> . <i>MSystems</i> , 2021, 6, .	1.7	13
48	New Insights on the Evolutionary History of Aphids and Their Primary Endosymbiont <i>Buchnera aphidicola</i> . <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-9.	1.0	10
49	Metagenomic Survey of the Highly Polyphagous <i>Anastrepha ludens</i> Developing in Ancestral and Exotic Hosts Reveals the Lack of a Stable Microbiota in Larvae and the Strong Influence of Metamorphosis on Adult Gut Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 685937.	1.5	10
50	Presence of <i>Blastocystis</i> in gut microbiota is associated with cognitive traits and decreased executive function. <i>ISME Journal</i> , 2022, 16, 2181-2197.	4.4	10
51	Comparative analysis of two genomic regions among four strains of <i>Buchnera aphidicola</i> , primary endosymbiont of aphids. <i>Gene</i> , 2005, 345, 73-80.	1.0	9
52	Dysbiotic gut microbiota in patients with inflammatory rosacea: another clue towards the existence of a brain-gut-skin axis. <i>British Journal of Dermatology</i> , 2021, 185, 655-657.	1.4	9
53	Intestinal mycobiota composition and changes in children with thalassemia who underwent allogeneic hematopoietic stem cell transplantation. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29411.	0.8	5
54	Subjects with detectable <i>Saccharomyces cerevisiae</i> in the gut microbiota show deficits in attention and executive function. <i>Journal of Internal Medicine</i> , 2021, 290, 740-743.	2.7	4

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55	Changes in glucagon-like peptide 1 and 2 levels in people with obesity after a diet-induced weight loss intervention are related to a specific microbiota signature: A prospective cohort study. <i>Clinical and Translational Medicine</i> , 2021, 11, e575.	1.7	3
56	Kin recognition in <i>Drosophila</i> : rearing environment and relatedness can modulate gut microbiota and cuticular hydrocarbon odour profiles. <i>Oikos</i> , 2022, 2022, .	1.2	3
57	Minimal genomes required for life. , 0, , 105-122.		2
58	The respiratory virome in chronic obstructive pulmonary disease. <i>Future Virology</i> , 2018, 13, 457-466.	0.9	2
59	AB0492...INTESTINAL MICROBIOTA COMPOSITION OF PATIENTS WITH BEHCET'S DISEASE: DIFFERENCES BETWEEN EYE, MUCOCUTANEOUS AND VASCULAR INVOLVEMENT (RHEUMA-BIOTA STUDY). <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1543.2-1544.	0.5	2
60	The endobiota study: comparison of vaginal, cervical and intestinal microbiota composition between women with histology proven endometriosis and healthy controls. <i>Fertility and Sterility</i> , 2018, 110, e391.	0.5	1
61	Obesity status and obesity-associated gut dysbiosis effects on hypothalamic structural covariance. <i>International Journal of Obesity</i> , 2021, , .	1.6	1
62	Influence of biofilm on the bronchial microbiome in COPD patients colonized or infected by <i>Pseudomonas aeruginosa</i> . , 2015, , .		1
63	New DNA Extraction Method for the Detection of <i>Pneumocystis</i> in Lung Tissue Samples of Colonized Individuals. <i>OBM Genetics</i> , 2019, 3, 1-1.	0.2	1
64	A Real-Time PCR Assay for Detection of Low <i>Pneumocystis jirovecii</i> Levels. <i>Frontiers in Microbiology</i> , 2021, 12, 787554.	1.5	1
65	Reply to "Chronic Obstructive Pulmonary Disease Lung Microbiota Diversity May Be Mediated by Age or Inhaled Corticosteroid Use". <i>Journal of Clinical Microbiology</i> , 2015, 53, 1051-1051.	1.8	0
66	Isolation in small populations of Wayampi Amerindians promotes endemism and homogenisation of their faecal virome, but its distribution is not entirely random. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	0
67	OR40: Gut Bacterial <i>ClpB</i> Gene Function is Associated with Dietary Fiber Intake and Decreased Body Weight. <i>Clinical Nutrition</i> , 2019, 38, S19.	2.3	0
68	LSC Abstract "Functional metagenomics of respiratory microbiome in exacerbated COPD. , 2015, , .		0
69	LATE-BREAKING ABSTRACT: Bronchial microbiome in severe persistent oral corticosteroid-dependent asthma. , 2015, , .		0
70	Optimized DNA Extraction and Purification Method for Characterization of Bacterial and Fungal Communities in Lung Tissue Samples. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
71	AB1035...INTESTINAL MICROBIOTA COMPOSITION OF ADULT PATIENTS WITH FAMILIAL MEDITERRANEAN FEVER AND HEALTHY CONTROLS (THE RHEUMA-BIOTA STUDY). <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1809.2-1809.	0.5	0