

# Valerio Iebba

## List of Publications by Year in descending order

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63  
papers

4,055  
citations

159585

30  
h-index

149698

56  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial ratchet motors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9541-9545.	7.1	559
2	Rebuilding the Gut Microbiota Ecosystem. International Journal of Environmental Research and Public Health, 2018, 15, 1679.	2.6	231
3	Intestinal Akkermansia muciniphila predicts clinical response to PD-1 blockade in patients with advanced non-small-cell lung cancer. Nature Medicine, 2022, 28, 315-324.	30.7	225
4	Swimming with an Image. Physical Review Letters, 2011, 106, 038101.	7.8	217
5	Cross-reactivity between tumor MHC class II-restricted antigens and an enterococcal bacteriophage. Science, 2020, 369, 936-942.	12.6	217
6	Gut microbiota signatures are associated with toxicity to combined CTLA-4 and PD-1 blockade. Nature Medicine, 2021, 27, 1432-1441.	30.7	216
7	A distinctive 'microbial signature' in celiac pediatric patients. BMC Microbiology, 2010, 10, 175.	3.3	201
8	Gut Bacteria Composition Drives Primary Resistance to Cancer Immunotherapy in Renal Cell Carcinoma Patients. European Urology, 2020, 78, 195-206.	1.9	192
9	Microbiota and the gut-liver axis: Bacterial translocation, inflammation and infection in cirrhosis. World Journal of Gastroenterology, 2014, 20, 16795.	3.3	187
10	Ketogenic diet and ketone bodies enhance the anticancer effects of PD-1 blockade. JCI Insight, 2021, 6, .	5.0	143
11	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. Nature Medicine, 2020, 26, 919-931.	30.7	118
12	Eubiosis and dysbiosis: the two sides of the microbiota. New Microbiologica, 2016, 39, 1-12.	0.1	109
13	Higher Prevalence and Abundance of Bdellovibrio bacteriovorus in the Human Gut of Healthy Subjects. PLoS ONE, 2013, 8, e61608.	2.5	93
14	Microbiota tryptophan metabolism induces aryl hydrocarbon receptor activation and improves alcohol-induced liver injury. Gut, 2021, 70, 1299-1308.	12.1	92
15	Gut microbiota related to Giardia duodenalis, Entamoeba spp. and Blastocystis hominis infections in humans from Cote d'Ivoire. Journal of Infection in Developing Countries, 2016, 10, 1035-1041.	1.2	89
16	Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Allelic Variants Relate to Shifts in Faecal Microbiota of Cystic Fibrosis Patients. PLoS ONE, 2013, 8, e61176.	2.5	83
17	Bdellovibrio bacteriovorus directly attacks Pseudomonas aeruginosa and Staphylococcus aureus Cystic fibrosis isolates. Frontiers in Microbiology, 2014, 5, 280.	3.5	74
18	Intestinal microbiota influences clinical outcome and side effects of early breast cancer treatment. Cell Death and Differentiation, 2021, 28, 2778-2796.	11.2	72

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19	Uncovering oral <i>Neisseria</i> tropism and persistence using metagenomic sequencing. <i>Nature Microbiology</i> , 2016, 1, 16070.	13.3	68
20	Structural Variations of Vaginal and Endometrial Microbiota: Hints on Female Infertility. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 350.	3.9	67
21	Combining amplicon sequencing and metabolomics in cirrhotic patients highlights distinctive microbiota features involved in bacterial translocation, systemic inflammation and hepatic encephalopathy. <i>Scientific Reports</i> , 2018, 8, 8210.	3.3	63
22	The Microbiota in Inflammatory Bowel Disease in Different Age Groups. <i>Digestive Diseases</i> , 2009, 27, 252-258.	1.9	56
23	Profiling of Oral Microbiota and Cytokines in COVID-19 Patients. <i>Frontiers in Microbiology</i> , 2021, 12, 671813.	3.5	50
24	Microevolution in <i>fimH</i> Gene of Mucosa-Associated <i>Escherichia coli</i> Strains Isolated from Pediatric Patients with Inflammatory Bowel Disease. <i>Infection and Immunity</i> , 2012, 80, 1408-1417.	2.2	49
25	Outbreak of <i>Achromobacter xylosoxidans</i> in an Italian Cystic fibrosis center: genome variability, biofilm production, antibiotic resistance, and motility in isolated strains. <i>Frontiers in Microbiology</i> , 2014, 5, 138.	3.5	46
26	Cancer Induces a Stress Ileopathy Depending on $\beta$ -Adrenergic Receptors and Promoting Dysbiosis that Contributes to Carcinogenesis. <i>Cancer Discovery</i> , 2022, 12, 1128-1151.	9.4	44
27	Dominant genotypes in mucosa-associated <i>Escherichia coli</i> strains from pediatric patients with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 661-672.	1.9	38
28	Protective Role of Postbiotic Mediators Secreted by <i>Lactobacillus rhamnosus</i> GG Versus Lipopolysaccharide-induced Damage in Human Colonic Smooth Muscle Cells. <i>Journal of Clinical Gastroenterology</i> , 2016, 50, S140-S144.	2.2	38
29	Gut Microbiota and Pediatric Disease. <i>Digestive Diseases</i> , 2011, 29, 531-539.	1.9	34
30	Gut Microbiota and the Immune System: An Intimate Partnership in Health and Disease. <i>International Journal of Immunopathology and Pharmacology</i> , 2012, 25, 823-833.	2.1	30
31	What is new about diet in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2016, 31, 1289-1294.	2.9	30
32	A potential role of <i>Escherichia coli</i> pathobionts in the pathogenesis of pediatric inflammatory bowel disease. <i>Canadian Journal of Microbiology</i> , 2012, 58, 426-432.	1.7	29
33	<i>Lactobacillus iners</i> and <i>gasseri</i> , <i>Prevotella bivia</i> and HPV Belong to the Microbiological Signature Negatively Affecting Human Reproduction. <i>Microorganisms</i> , 2021, 9, 39.	3.6	22
34	Plasmid-mediated fluoroquinolone resistance determinants in <i>Escherichia coli</i> from community uncomplicated urinary tract infection in an area of high prevalence of quinolone resistance. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1917-1921.	2.9	21
35	Influence of oral conditions on colonization by highly toxigenic <i>Staphylococcus aureus</i> strains. <i>Oral Diseases</i> , 2012, 18, 402-409.	3.0	20
36	Multifaceted modes of action of the anticancer probiotic <i>Enterococcus hirae</i> . <i>Cell Death and Differentiation</i> , 2021, 28, 2276-2295.	11.2	18

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37	Bacterial Biofilm in Salivary Gland Stones. <i>Otolaryngology - Head and Neck Surgery</i> , 2016, 154, 449-453.	1.9	17
38	Behaviour of <i>Bdellovibrio bacteriovorus</i> in the presence of Gram-positive <i>Staphylococcus aureus</i> . <i>New Microbiologica</i> , 2018, 41, 145-152.	0.1	16
39	Short-chain fatty acids promote the effect of environmental signals on the gut microbiome and metabolome in mice. <i>Communications Biology</i> , 2022, 5, .	4.4	16
40	<i>Achromobacter xylosoxidans</i> Genomic Characterization and Correlation of Randomly Amplified Polymorphic DNA Profiles of Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1035-1039.	3.9	14
41	High abundance of genus <i>Prevotella</i> is associated with dysregulation of IFN-I and T cell response in HIV-1-infected patients. <i>Aids</i> , 2020, 34, 1467-1473.	2.2	14
42	Exposure of <i>E. coli</i> to DNA-Methylating Agents Impairs Biofilm Formation and Invasion of Eukaryotic Cells via Down Regulation of the N-Acetylneuraminase Lyase <i>NanA</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 147.	3.5	13
43	Ileal immune tonus is a prognosis marker of proximal colon cancer in mice and patients. <i>Cell Death and Differentiation</i> , 2021, 28, 1532-1547.	11.2	11
44	Diffusion of methicillin-resistant <i>Staphylococcus aureus</i> USA300 strains in central Italy. <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 339-346.	2.5	9
45	Microbiological and molecular characterization of nosocomial and community <i>Staphylococcus aureus</i> isolates. <i>Epidemiology and Infection</i> , 2011, 139, 613-622.	2.1	9
46	JC Viral Reactivation in a Pediatric Patient with Crohn's Disease. <i>International Journal of Immunopathology and Pharmacology</i> , 2010, 23, 955-959.	2.1	8
47	Swimming and rafting of <i>E.coli</i> microcolonies at air-liquid interfaces. <i>MicrobiologyOpen</i> , 2018, 7, e00532.	3.0	7
48	Fecal Microbial Transplantation impact on gut microbiota composition and metabolome, microbial translocation and T-lymphocyte immune activation in recurrent <i>Clostridium difficile</i> infection patients. <i>New Microbiologica</i> , 2019, 42, 221-224.	0.1	7
49	Effect of lactoferricin on fluoroquinolone susceptibility of uropathogenic <i>Escherichia coli</i> . <i>Journal of Antibiotics</i> , 2009, 62, 109-111.	2.0	5
50	Gut microbiome composition to predict resistance in renal cell carcinoma (RCC) patients on nivolumab. <i>Journal of Clinical Oncology</i> , 2018, 36, 4519-4519.	1.6	4
51	Virulence Traits in <i>Escherichia Coli</i> Strains Isolated from Outpatients with Urinary Tract Infections. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 715-723.	2.1	2
52	Nasal microbiota in RSV microbiota. , 2019, , .		2
53	OPÆ THE PROTECTIVE ROLE OF <i>LACTOBACILLUS RHAMNOSUS</i> GGÆDERIVED FACTORS AGAINST LPSÆINDUCED DAMAGE OF HUMAN COLONIC SMOOTH MUSCLE CELLS.. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 61, 509-510.	1.8	1
54	Optimizing an array of self adapted temperature modulated metal oxide sensors for biomedical application. , 2017, , .		1

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55	&lt;i&gt;Escherichia coli&lt;/i&gt; Population-Based Study in Pediatric Crohnâ€™s Disease. <i>Advances in Microbiology</i> , 2014, 04, 886-889.	0.6	1
56	T1274 Dominant Mucosa-Associated Microbiota in Celiac Children At Diagnosis and After GFD. <i>Gastroenterology</i> , 2008, 134, A-520.	1.3	0
57	W1188 Dominant Genotypes in Mucosa-Associated Escherichia coli Strains from Pediatric Patients with Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2008, 134, A-651.	1.3	0
58	T1811 Dominant Intestinal Mucosa-Associated Microbiota in Pediatric Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2010, 138, S-583-S-584.	1.3	0
59	Assessment Of Daily Physical Activity In Patients With Cystic Fibrosis. , 2012, , .		0
60	Su1861 Postbiotic Protective Activity of Lactobacillus Rhamnosus GG-Derived Factors on Pathogen Lipopolysaccharide (LPS)-Induced Damage of Human Colonic Smooth Muscle. <i>Gastroenterology</i> , 2015, 148, S-536.	1.3	0
61	Mo1927 Mucosa-Associated Microbiota and Promoter Methylation Status of Genes Involved in Immune Response in Crohn's Disease Patients. <i>Gastroenterology</i> , 2016, 150, S818.	1.3	0
62	1014 - Microbiota Composition, Metabolic Profiles and Inflammatory Host Response after Fecal Microbiota Transplantation (FMT) for Recurrent Clostridium Difficile Infection. Does Proteobacteria Abundance Predict the Response to FMT?. <i>Gastroenterology</i> , 2018, 154, S-192.	1.3	0
63	Physiologic colonic uptake of <sup>18</sup> F-FDG on PET/CT predicts immunotherapy response and gut microbiome diversity in patients with advanced non-small cell lung cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2020, 38, 9600-9600.	1.6	0