

# Jacques Izard

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

20,894  
citations

172207

29  
h-index

197535

49  
g-index

70  
all docs

70  
docs citations

70  
times ranked

28501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic biomarker discovery and explanation. <i>Genome Biology</i> , 2011, 12, R60.	13.9	11,192
2	The Human Oral Microbiome. <i>Journal of Bacteriology</i> , 2010, 192, 5002-5017.	1.0	2,536
3	Microbial Co-occurrence Relationships in the Human Microbiome. <i>PLoS Computational Biology</i> , 2012, 8, e1002606.	1.5	1,268
4	Metabolic Reconstruction for Metagenomic Data and Its Application to the Human Microbiome. <i>PLoS Computational Biology</i> , 2012, 8, e1002358.	1.5	939
5	The Human Oral Microbiome Database: a web accessible resource for investigating oral microbe taxonomic and genomic information. <i>Database: the Journal of Biological Databases and Curation</i> , 2010, 2010, baq013-baq013.	1.4	874
6	Composition of the adult digestive tract bacterial microbiome based on seven mouth surfaces, tonsils, throat and stool samples. <i>Genome Biology</i> , 2012, 13, R42.	13.9	797
7	Relating the metatranscriptome and metagenome of the human gut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2329-38.	3.3	552
8	Plasma antibodies to oral bacteria and risk of pancreatic cancer in a large European prospective cohort study. <i>Gut</i> , 2013, 62, 1764-1770.	6.1	330
9	The Host Microbiome Regulates and Maintains Human Health: A Primer and Perspective for Non-Microbiologists. <i>Cancer Research</i> , 2017, 77, 1783-1812.	0.4	270
10	Stability of the human faecal microbiome in a cohort of adult men. <i>Nature Microbiology</i> , 2018, 3, 347-355.	5.9	203
11	Efficient and robust RNA-seq process for cultured bacteria and complex community transcriptomes. <i>Genome Biology</i> , 2012, 13, r23.	13.9	197
12	Metatranscriptome of human faecal microbial communities in a cohort of adult men. <i>Nature Microbiology</i> , 2018, 3, 356-366.	5.9	168
13	Long-term use of antibiotics and risk of colorectal adenoma. <i>Gut</i> , 2018, 67, gutjnl-2016-313413.	6.1	125
14	The Microbiomes of Pancreatic and Duodenum Tissue Overlap and Are Highly Subject Specific but Differ between Pancreatic Cancer and Noncancer Subjects. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 370-383.	1.1	120
15	Rapid screening method for quantitation of bacterial cell lipids from whole cells. <i>Journal of Microbiological Methods</i> , 2003, 55, 411-418.	0.7	118
16	<i>Tannerella forsythia</i> , a periodontal pathogen entering the genomic era. <i>Periodontology 2000</i> , 2006, 42, 88-113.	6.3	117
17	<i>Pyramidobacter piscicolens</i> gen. nov., sp. nov., a member of the phylum 'Synergistetes' isolated from the human oral cavity. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 972-980.	0.8	108
18	Cryo-Electron Tomography Elucidates the Molecular Architecture of <i>Treponema pallidum</i> , the Syphilis Spirochete. <i>Journal of Bacteriology</i> , 2009, 191, 7566-7580.	1.0	92

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19	Microbiota, Oral Microbiome, and Pancreatic Cancer. <i>Cancer Journal (Sudbury, Mass )</i> , 2014, 20, 203-206.	1.0	92
20	Microbial community function and biomarker discovery in the human microbiome. <i>Genome Biology</i> , 2011, 12, .	13.9	89
21	Association Between Sulfur-Metabolizing Bacterial Communities in Stool and Risk of Distal Colorectal Cancer in Men. <i>Gastroenterology</i> , 2020, 158, 1313-1325.	0.6	88
22	Dietary fiber intake, the gut microbiome, and chronic systemic inflammation in a cohort of adult men. <i>Genome Medicine</i> , 2021, 13, 102.	3.6	62
23	Insertional Inactivation of <i>Treponema denticola tap1</i> Results in a Nonmotile Mutant with Elongated Flagellar Hooks. <i>Journal of Bacteriology</i> , 1999, 181, 3743-3750.	1.0	56
24	The Sulfur Microbial Diet Is Associated With Increased Risk of Early-Onset Colorectal Cancer Precursors. <i>Gastroenterology</i> , 2021, 161, 1423-1432.e4.	0.6	45
25	Native cellular architecture of <i>Treponema denticola</i> revealed by cryo-electron tomography. <i>Journal of Structural Biology</i> , 2008, 163, 10-17.	1.3	41
26	Fluorescence study of the three tryptophan residues of the pore-forming domain of colicin A Using multifrequency phase fluorometry. <i>Biochemistry</i> , 1995, 34, 1734-1743.	1.2	35
27	Cytoplasmic Filament-Deficient Mutant of <i>Treponema denticola</i> Has Pleiotropic Defects. <i>Journal of Bacteriology</i> , 2001, 183, 1078-1084.	1.0	32
28	<i>Neisseria oralis</i> sp. nov., isolated from healthy gingival plaque and clinical samples. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1323-1328.	0.8	31
29	A Prospective Study of Periodontal Disease and Risk of Gastric and Duodenal Ulcer in Male Health Professionals. <i>Clinical and Translational Gastroenterology</i> , 2014, 5, e49.	1.3	30
30	The unseen world: environmental microbial sequencing and identification methods for ecologists. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 224-231.	1.9	27
31	Role of Dietary Flavonoid Compounds in Driving Patterns of Microbial Community Assembly. <i>MBio</i> , 2019, 10, .	1.8	27
32	Membrane Topology of the Colicin A Pore-forming Domain Analyzed by Disulfide Bond Engineering. <i>Journal of Biological Chemistry</i> , 1996, 271, 15401-15406.	1.6	25
33	Development of a Novel Chloramphenicol Resistance Expression Plasmid Used for Genetic Complementation of a <i>fliG</i> Deletion Mutant in <i>Treponema denticola</i> . <i>Infection and Immunity</i> , 2004, 72, 5493-5497.	1.0	25
34	Genetic and Structural Analyses of Cytoplasmic Filaments of Wild-Type <i>Treponema phagedenis</i> and a Flagellar Filament-Deficient Mutant. <i>Journal of Bacteriology</i> , 1999, 181, 6739-6746.	1.0	24
35	Tomographic reconstruction of treponemal cytoplasmic filaments reveals novel bridging and anchoring components. <i>Molecular Microbiology</i> , 2003, 51, 609-618.	1.2	22
36	A single amino acid substitution can restore the solubility of aggregated colicin A mutants in <i>Escherichia coli</i> . <i>Protein Engineering, Design and Selection</i> , 1994, 7, 1495-1500.	1.0	21

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37	Cytoskeletal Cytoplasmic Filament Ribbon of <i>Treponema</i> : A Member of an Intermediate-Like Filament Protein Family. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2006, 11, 159-166.	1.0	20
38	Lifestyle, dietary factors, and antibody levels to oral bacteria in cancer-free participants of a European cohort study. <i>Cancer Causes and Control</i> , 2013, 24, 1901-1909.	0.8	20
39	Comparisons of oral, intestinal, and pancreatic bacterial microbiomes in patients with pancreatic cancer and other gastrointestinal diseases. <i>Journal of Oral Microbiology</i> , 2021, 13, 1887680.	1.2	17
40	Mucosa-Associated Microbiota in Barrett's Esophagus, Dysplasia, and Esophageal Adenocarcinoma Differ Similarly Compared With Healthy Controls. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00199.	1.3	15
41	Overview of the Microbiome Among Nurses study (Micro-N) as an example of prospective characterization of the microbiome within cohort studies. <i>Nature Protocols</i> , 2021, 16, 2724-2731.	5.5	7
42	The Sulfur Microbial Diet and Risk of Colorectal Cancer by Molecular Subtypes and Intratumoral Microbial Species in Adult Men. <i>Clinical and Translational Gastroenterology</i> , 2021, 12, e00338.	1.3	7
43	Killing of <i>Treponema denticola</i> by Mouse Peritoneal Macrophages. <i>Journal of Dental Research</i> , 2010, 89, 521-526.	2.5	5
44	Pathogenicity of <i>Treponema denticola</i> Wild-Type and Mutant Strain Tested by an Active Mode of Periodontal Infection Using Microinjection. <i>International Journal of Dentistry</i> , 2012, 2012, 1-4.	0.5	3
45	Promises and Prospects of Microbiome Studies. , 2015, , 145-159.		3
46	Fecal Microbiome in Epidemiologic Studies Letter. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 869-869.	1.1	3
47	Steps in Metagenomics: Let's Avoid Garbage in and Garbage Out. , 2015, , 1-23.		2
48	Abstract A24: Lifetime use of antibiotics and risk of colorectal adenoma. , 2017, , .		2
49	Abstract B07: Oral, intestinal, and pancreatic microbiomes are correlated and exhibit co-abundance in patients with pancreatic cancer and other gastrointestinal diseases. , 2020, , .		2
50	Metagenomics for Bacteriology. , 2015, , 113-134.		1
51	Su1940 - Dietary Patterns, Sulfur Intake, and the Abundance of Sulfate-Reducing Bacteria. <i>Gastroenterology</i> , 2018, 154, S-640.	0.6	1
52	Sa1910 Life Course Antibiotic Use and Alterations in the Gut Microbiome in a Cohort of Older Men. <i>Gastroenterology</i> , 2019, 156, S-449.	0.6	1
53	119 THE SULFUR MICROBIAL DIET AND RISK OF INFLAMMATORY BOWEL DISEASE: RESULTS FROM THREE LARGE PROSPECTIVE COHORTS. <i>Gastroenterology</i> , 2020, 158, S-21.	0.6	1
54	802 EMPIRICAL DIETARY PATTERN ASSOCIATED WITH SHORT-CHAIN FATTY ACID-PRODUCING BACTERIA IN RELATION TO COLORECTAL CANCER RISK. <i>Gastroenterology</i> , 2021, 160, S-165-S-166.	0.6	1

#	ARTICLE	IF	CITATIONS
55	Abstract LB-328: Plasma antibodies to oral pathogen and commensals and risk of pancreatic cancer in a large European prospective cohort study. , 2012, , .		1
56	Output Consistency Scale to Standardize Ostomate Output Description in Clinical Practice and Studies. Academic Journal of Gastroenterology & Hepatology, 2021, 3, .	0.3	1
57	631 " Dietary Intake, H2S-Producing Microbes, and Risk of Colorectal Cancer. Gastroenterology, 2019, 156, S-133.	0.6	0
58	Sa2033 " Short- and Long-Term Alcohol Intake and Alterations in the Gut Microbiome Among Healthy Individuals. Gastroenterology, 2019, 156, S-479-S-480.	0.6	0
59	112 THE SULFUR MICROBIAL DIET AND RISK OF EARLY-ONSET PRECURSORS OF COLORECTAL CANCER. Gastroenterology, 2020, 158, S-18.	0.6	0
60	1151 THE SULFUR MICROBIAL DIET SCORE AND RISK COLORECTAL CANCER ACCORDING TO FUSOBACTERIUM NUCLEATUM STATUS AND MOLECULAR SUBTYPES. Gastroenterology, 2020, 158, S-229-S-230.	0.6	0
61	1007 DIETARY FIBER INTAKE, THE GUT MICROBIOME, AND CHRONIC SYSTEMIC INFLAMMATION. Gastroenterology, 2020, 158, S-200.	0.6	0
62	3D Printing of Human Microbiome Constituents to Understand Spatial Relationships & Shape Parameters in Bacteriology. American Biology Teacher, 2021, 83, 188-190.	0.1	0
63	Sa594 THE GUT MICROBIOME MODULATES THE BENEFICIAL EFFECTS OF VITAMIN D ON CARDIOVASCULAR RISK. Gastroenterology, 2021, 160, S-565-S-566.	0.6	0
64	Building the genomic base-layer of the oral "omic" world. , 2010, , 388-393.		0
65	Abstract PR7: Lifestyle and dietary factors and antibody levels to oral bacteria in healthy individuals.. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, PR7-PR7.	1.1	0
66	Small bowel stomas are associated with higher risk of circulating food-specific-IgG than patients with organic gastrointestinal conditions and colostomies. BMJ Open Gastroenterology, 2022, 9, e000906.	1.1	0