

# Joseph F Petrosino

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201  
papers

21,592  
citations

61  
h-index

146  
g-index

215  
ext. papers

28,246  
ext. citations

9.1  
avg, IF

6.67  
L-index

#	Paper	IF	Citations
201	Age-Associated Gut Dysbiosis, Marked by Loss of Butyrogenic Potential, Correlates With Altered Plasma Tryptophan Metabolites in Older People Living With HIV.. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2022</b> , 89, S56-S64	3.1	0
200	Multiple Respiratory Syncytial Virus (RSV) Strains Infecting HEp-2 and A549 Cells Reveal Cell Line-Dependent Differences in Resistance to RSV Infection.. <i>Journal of Virology</i> , <b>2022</b> , e0190421	6.6	1
199	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response.. <i>Science</i> , <b>2021</b> , 374, 1632-1640	33.3	52
198	Fructan-sensitive children with irritable bowel syndrome have distinct gut microbiome signatures. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2021</b> , 53, 499-509	6.1	4
197	Drivers of transcriptional variance in human intestinal epithelial organoids. <i>Physiological Genomics</i> , <b>2021</b> , 53, 486-508	3.6	2
196	The impact of the Th17:Treg axis on the IgA-Biome across the glycemic spectrum. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258812	3.7	0
195	Is the gut microbiota associated with suicidality? Non-significant finding among a large cohort of psychiatrically hospitalized individuals with serious mental illness. <i>Journal of Affective Disorders Reports</i> , <b>2021</b> , 6, 100266	1.4	
194	Baseline Oral Microbiome and All-cancer Incidence in a Cohort of Nonsmoking Mexican American Women. <i>Cancer Prevention Research</i> , <b>2021</b> , 14, 383-392	3.2	3
193	Oral Health and the Altered Colonic Mucosa-Associated Gut Microbiota. <i>Digestive Diseases and Sciences</i> , <b>2021</b> , 66, 2981-2991	4	2
192	Human milk oligosaccharide DSLNT and gut microbiome in preterm infants predicts necrotising enterocolitis. <i>Gut</i> , <b>2021</b> , 70, 2273-2282	19.2	36
191	A study of innate immune kinetics reveals a role for a chloride transporter in a virulent <i>Francisella tularensis</i> type B strain. <i>MicrobiologyOpen</i> , <b>2021</b> , 10, e1170	3.4	
190	Restructuring the Gut Microbiota by Intermittent Fasting Lowers Blood Pressure. <i>Circulation Research</i> , <b>2021</b> , 128, 1240-1254	15.7	9
189	Microbiome Responses to Vancomycin Treatment in a Child With Primary Sclerosing Cholangitis and Ulcerative Colitis. <i>ACG Case Reports Journal</i> , <b>2021</b> , 8, e00577	0.6	1
188	Diversity and composition of gut microbiome of cervical cancer patients: Do results of 16S rRNA sequencing and whole genome sequencing approaches align?. <i>Journal of Microbiological Methods</i> , <b>2021</b> , 185, 106213	2.8	1
187	Gut microbiota signatures are associated with toxicity to combined CTLA-4 and PD-1 blockade. <i>Nature Medicine</i> , <b>2021</b> , 27, 1432-1441	50.5	57
186	Habitual Sleep Duration and the Colonic Mucosa-Associated Gut Microbiota in Humans-A Pilot Study. <i>Clocks &amp; Sleep</i> , <b>2021</b> , 3, 387-397	2.9	3
185	The gut microbiome contributes to blood-brain barrier disruption in spontaneously hypertensive stroke prone rats. <i>FASEB Journal</i> , <b>2021</b> , 35, e21201	0.9	4

184	Oral insulin immunotherapy in children at risk for type 1 diabetes in a randomised controlled trial. <i>Diabetologia</i> , <b>2021</b> , 64, 1079-1092	10.3	11
183	A type VII secretion system of <i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> contributes to gut colonization and the development of colon tumors. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009182	7.6	12
182	Decrease in acetyl-CoA pathway utilizing butyrate-producing bacteria is a key pathogenic feature of alcohol-induced functional gut microbial dysbiosis and development of liver disease in mice. <i>Gut Microbes</i> , <b>2021</b> , 13, 1946367	8.8	4
181	Houston hurricane Harvey health (Houston-3H) study: assessment of allergic symptoms and stress after hurricane Harvey flooding. <i>Environmental Health</i> , <b>2021</b> , 20, 9	6	9
180	Gut Microbiome Profiles and Associated Metabolic Pathways in HIV-Infected Treatment-Naïve Patients. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
179	Gut microbiome diversity is an independent predictor of survival in cervical cancer patients receiving chemoradiation. <i>Communications Biology</i> , <b>2021</b> , 4, 237	6.7	22
178	Transmission event of SARS-CoV-2 Delta variant reveals multiple vaccine breakthrough infections <b>2021</b> ,		29
177	Exploration of Diet Quality by Obesity Severity in Association with Gestational Weight Gain and Distal Gut Microbiota in Pregnant African American Women: Opportunities for Intervention. <i>Maternal and Child Health Journal</i> , <b>2021</b> , 1	2.4	0
176	Oligonucleotide capture sequencing of the SARS-CoV-2 genome and subgenomic fragments from COVID-19 individuals. <i>PLoS ONE</i> , <b>2021</b> , 16, e0244468	3.7	8
175	Urinary Tract Infections in Children with Vesicoureteral Reflux Are Accompanied by Alterations in Urinary Microbiota and Metabolome Profiles. <i>European Urology</i> , <b>2021</b> , 81, 151-151	10.2	1
174	Transmission event of SARS-CoV-2 delta variant reveals multiple vaccine breakthrough infections. <i>BMC Medicine</i> , <b>2021</b> , 19, 255	11.4	68
173	Distinct gene expression profiles between human preterm-derived and adult-derived intestinal organoids exposed to : a pilot study.. <i>Gut</i> , <b>2021</b> ,	19.2	2
172	Gut Microbiota-Derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. <i>Circulation Research</i> , <b>2020</b> , 127, 453-465	15.7	91
171	Dietary inflammatory potential in relation to the gut microbiome: results from a cross-sectional study. <i>British Journal of Nutrition</i> , <b>2020</b> , 124, 931-942	3.6	17
170	Rotavirus infection induces glycan availability to promote ileum-specific changes in the microbiome aiding rotavirus virulence. <i>Gut Microbes</i> , <b>2020</b> , 11, 1324-1347	8.8	25
169	The Fecal Microbiome in Infants With Biliary Atresia Associates With Bile Flow After Kasai Portoenterostomy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 70, 789-795	2.8	4
168	SMRT Sequencing of <i>Paramecium Bursaria</i> Chlorella Virus-1 Reveals Diverse Methylation Stability in Adenines Targeted by Restriction Modification Systems. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 887	5.7	4
167	Comparison of Methods To Collect Fecal Samples for Microbiome Studies Using Whole-Genome Shotgun Metagenomic Sequencing. <i>MSphere</i> , <b>2020</b> , 5,	5	13

166	Oligonucleotide capture sequencing of the SARS-CoV-2 genome and subgenomic fragments from COVID-19 individuals <b>2020</b> ,		8
165	Oligonucleotide Capture Sequencing of the SARS-CoV-2 Genome and Subgenomic Fragments from COVID-19 Individuals <b>2020</b> ,		7
164	Increased Moraxella and Streptococcus species abundance after severe bronchiolitis is associated with recurrent wheezing. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 518-527.e8	11.5	27
163	Intermittent fasting from dawn to sunset for 30 consecutive days is associated with anticancer proteomic signature and upregulates key regulatory proteins of glucose and lipid metabolism, circadian clock, DNA repair, cytoskeleton remodeling, immune system and cognitive function in health and disease. <i>Cell</i> , <b>2020</b> , 182, 1231-1247	3.9	23
162	Metagenomics of the faecal virome indicate a cumulative effect of enterovirus and gluten amount on the risk of coeliac disease autoimmunity in genetically at risk children: the TEDDY study. <i>Gut</i> , <b>2020</b> , 69, 1416-1422	19.2	43
161	Maternal Fish Consumption in Pregnancy Is Associated with a -Dominant Microbiome Profile in Infants. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, nzz133	0.4	5
160	Fungal cutaneous microbiome and host determinants in preterm and term neonates. <i>Pediatric Research</i> , <b>2020</b> , 88, 225-233	3.2	6
159	The gut microbiota is associated with psychiatric symptom severity and treatment outcome among individuals with serious mental illness. <i>Journal of Affective Disorders</i> , <b>2020</b> , 264, 98-106	6.6	27
158	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008851	7.6	12
157	Alcohol use alters the colonic mucosa-associated gut microbiota in humans. <i>Nutrition Research</i> , <b>2020</b> , 83, 119-128	4	6
156	Rationale, design and baseline characteristics of the Microbiome and Insulin Longitudinal Evaluation Study (MILES). <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 1976-1984	6.7	2
155	Longitudinal Changes in Early Nasal Microbiota and the Risk of Childhood Asthma. <i>Pediatrics</i> , <b>2020</b> , 146,	7.4	10
154	Young versus aged microbiota transplants to germ-free mice: increased short-chain fatty acids and improved cognitive performance. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-14	8.8	28
153	Impact of Diabetes on the Gut and Salivary IgA Microbiomes. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	5
152	Effect of Antibiotics on Gut and Vaginal Microbiomes Associated with Cervical Cancer Development in Mice. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 997-1006	3.2	2
151	Exploration of the Vaginal and Gut Microbiome in African American Women by Body Mass Index, Class of Obesity, and Gestational Weight Gain: A Pilot Study. <i>American Journal of Perinatology</i> , <b>2020</b> , 37, 1160-1172	3.3	5
150	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection <b>2020</b> , 16, e1008851		
149	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection <b>2020</b> , 16, e1008851		

148	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection <b>2020</b> , 16, e1008851		
147	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection <b>2020</b> , 16, e1008851		
146	ATCC 8483 monotherapy is superior to traditional fecal transplant and multi-strain bacteriotherapy in a murine colitis model. <i>Gut Microbes</i> , <b>2019</b> , 10, 504-520	8.8	30
145	Serum Metabolome Is Associated With the Nasopharyngeal Microbiota and Disease Severity Among Infants With Bronchiolitis. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 2005-2014	7	12
144	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , <b>2019</b> , 569, 655-662	50.4	761
143	Early nasal microbiota and acute respiratory infections during the first years of life. <i>Thorax</i> , <b>2019</b> , 74, 592-599	7.3	26
142	Leveraging Human Microbiome Features to Diagnose and Stratify Children with Irritable Bowel Syndrome. <i>Journal of Molecular Diagnostics</i> , <b>2019</b> , 21, 449-461	5.1	33
141	Using formalin fixed paraffin embedded tissue to characterize the preterm gut microbiota in necrotising enterocolitis and spontaneous isolated perforation using marginal and diseased tissue. <i>BMC Microbiology</i> , <b>2019</b> , 19, 52	4.5	14
140	Frequency of Tongue Cleaning Impacts the Human Tongue Microbiome Composition and Enterosalivary Circulation of Nitrate. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 39	5.9	42
139	Tumor Microbiome Diversity and Composition Influence Pancreatic Cancer Outcomes. <i>Cell</i> , <b>2019</b> , 178, 795-806.e12	56.2	389
138	Dietary quality and the colonic mucosa-associated gut microbiome in humans. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 701-712	7	50
137	Neonatal Oral Exposure to Environmental Chemicals Produces Persistent Dysbiosis Corresponding to Hepatic Epigenetic Reprogramming in Adult Mice. <i>FASEB Journal</i> , <b>2019</b> , 33, lb23	0.9	
136	The BE GONE trial study protocol: a randomized crossover dietary intervention of dry beans targeting the gut microbiome of overweight and obese patients with a history of colorectal polyps or cancer. <i>BMC Cancer</i> , <b>2019</b> , 19, 1233	4.8	4
135	Prospective virome analyses in young children at increased genetic risk for type 1 diabetes. <i>Nature Medicine</i> , <b>2019</b> , 25, 1865-1872	50.5	84
134	Insular resting state functional connectivity is associated with gut microbiota diversity. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 2446-2452	3.5	17
133	Arginine Metabolism Is Altered in Adults with A-β-Ketosis-Prone Diabetes. <i>Journal of Nutrition</i> , <b>2018</b> , 148, 185-193	4.1	12
132	Antibiotic-mediated bacteriome depletion in Apc mice is associated with reduction in mucus-producing goblet cells and increased colorectal cancer progression. <i>Cancer Medicine</i> , <b>2018</b> , 7, 2003-2012	4.8	28
131	The microbiome in precision medicine: the way forward. <i>Genome Medicine</i> , <b>2018</b> , 10, 12	14.4	56

130	Investigating Colonization of the Healthy Adult Gastrointestinal Tract by Fungi. <i>MSphere</i> , <b>2018</b> , 3,	5	108
129	A Lachnospiraceae-dominated bacterial signature in the fecal microbiota of HIV-infected individuals from Colombia, South America. <i>Scientific Reports</i> , <b>2018</b> , 8, 4479	4.9	21
128	Influence of fecal collection conditions and 16S rRNA gene sequencing at two centers on human gut microbiota analysis. <i>Scientific Reports</i> , <b>2018</b> , 8, 4386	4.9	26
127	Impact of Age-Related Mitochondrial Dysfunction and Exercise on Intestinal Microbiota Composition. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 571-578	6.4	19
126	Gut microbiome modulates response to anti-PD-1 immunotherapy in melanoma patients. <i>Science</i> , <b>2018</b> , 359, 97-103	33.3	1895
125	Oral microbiota reveals signs of acculturation in Mexican American women. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194107	10.7	16
124	Metabolomic signatures distinguish the impact of formula carbohydrates on disease outcome in a preterm piglet model of NEC. <i>Microbiome</i> , <b>2018</b> , 6, 111	16.6	15
123	The association between anterior nares and nasopharyngeal microbiota in infants hospitalized for bronchiolitis. <i>Microbiome</i> , <b>2018</b> , 6, 2	16.6	33
122	Maximal viral information recovery from sequence data using VirMAP. <i>Nature Communications</i> , <b>2018</b> , 9, 3205	17.4	26
121	Association of changes in vaginal microbiome with oligoclonal T-cell expansion and early response to chemoradiation for cervical cancer.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 8-8	2.2	
120	Challenges of Francisella classification exemplified by an atypical clinical isolate. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2018</b> , 90, 241-247	2.9	1
119	Effects of tobacco smoke and electronic cigarette vapor exposure on the oral and gut microbiota in humans: a pilot study. <i>PeerJ</i> , <b>2018</b> , 6, e4693	3.1	54
118	Human milk oligosaccharides, milk microbiome and infant gut microbiome modulate neonatal rotavirus infection. <i>Nature Communications</i> , <b>2018</b> , 9, 5010	17.4	82
117	Safety and preliminary efficacy of orally administered lyophilized fecal microbiota product compared with frozen product given by enema for recurrent <i>Clostridium difficile</i> infection: A randomized clinical trial. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205064	3.7	50
116	Temporal development of the gut microbiome in early childhood from the TEDDY study. <i>Nature</i> , <b>2018</b> , 562, 583-588	50.4	619
115	The human gut microbiome in early-onset type 1 diabetes from the TEDDY study. <i>Nature</i> , <b>2018</b> , 562, 589-594	50.4	323
114	Prebiotics, Probiotics, and Acetate Supplementation Prevent Hypertension in a Model of Obstructive Sleep Apnea. <i>Hypertension</i> , <b>2018</b> , 72, 1141-1150	8.5	74
113	Circulating 25-hydroxyvitamin D, nasopharyngeal microbiota, and bronchiolitis severity. <i>Pediatric Allergy and Immunology</i> , <b>2018</b> , 29, 877-880	4.2	5

112	The Gut Microbiome of the Vector <i>Lutzomyia longipalpis</i> Is Essential for Survival of <i>Leishmania infantum</i> . <i>MBio</i> , <b>2017</b> , 8,	7.8	80
111	Randomised clinical trial: faecal microbiota transplantation for recurrent <i>Clostridium difficile</i> infection - fresh, or frozen, or lyophilised microbiota from a small pool of healthy donors delivered by colonoscopy. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2017</b> , 45, 899-908	6.1	116
110	Isolation and concentration of bacteria from blood using microfluidic membraneless dialysis and dielectrophoresis. <i>Lab on A Chip</i> , <b>2017</b> , 17, 1340-1348	7.2	41
109	Alterations in the gut microbiota can elicit hypertension in rats. <i>Physiological Genomics</i> , <b>2017</b> , 49, 96-104	3.6	198
108	IgA-coated enriched in Crohn's disease spondyloarthritis promote T17-dependent inflammation. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	172
107	Association of Maternal Gestational Weight Gain With the Infant Fecal Microbiota. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2017</b> , 65, 509-515	2.8	12
106	Subspecies Influences Proinflammatory Cytokine Expression and Monocyte Activation in Human Colorectal Tumors. <i>Cancer Prevention Research</i> , <b>2017</b> , 10, 398-409	3.2	74
105	Single Delivery of High-Diversity Fecal Microbiota Preparation by Colonoscopy Is Safe and Effective in Increasing Microbial Diversity in Active Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , <b>2017</b> , 23, 903-911	4.5	60
104	Nasal Airway Microbiota Profile and Severe Bronchiolitis in Infants: A Case-control Study. <i>Pediatric Infectious Disease Journal</i> , <b>2017</b> , 36, 1044-1051	3.4	38
103	Associations of Nasopharyngeal Metabolome and Microbiome with Severity among Infants with Bronchiolitis. A Multiomic Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 882-891	10.2	57
102	The relationship between nasopharyngeal CCL5 and microbiota on disease severity among infants with bronchiolitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 72, 1796-1800	9.3	17
101	Characterization of oral and gut microbiome temporal variability in hospitalized cancer patients. <i>Genome Medicine</i> , <b>2017</b> , 9, 21	14.4	51
100	Gut microbiota as a source of a surrogate antigen that triggers autoimmunity in an immune privileged site. <i>Gut Microbes</i> , <b>2017</b> , 8, 59-66	8.8	29
99	Lyophilized Fecal Microbiota Transplantation Capsules for Recurrent <i>Clostridium difficile</i> Infection. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S381-S381	1	0
98	Longitudinal development of the gut microbiome and metabolome in preterm neonates with late onset sepsis and healthy controls. <i>Microbiome</i> , <b>2017</b> , 5, 75	16.6	126
97	The gut mycobiome of the Human Microbiome Project healthy cohort. <i>Microbiome</i> , <b>2017</b> , 5, 153	16.6	324
96	Sphingolipid metabolism potential in fecal microbiome and bronchiolitis in infants: a case-control study. <i>BMC Research Notes</i> , <b>2017</b> , 10, 325	2.3	8
95	Conjunctival Microbiome Changes Associated With Soft Contact Lens and Orthokeratology Lens Wearing <b>2017</b> , 58, 128-136		40



94	Successful collection of stool samples for microbiome analyses from a large community-based population of elderly men. <i>Contemporary Clinical Trials Communications</i> , <b>2017</b> , 7, 158-162	1.8	24
93	Complete Genome Sequence of ATCC 43942. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
92	Serum LL-37 Levels Associated With Severity of Bronchiolitis and Viral Etiology. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 967-975	11.6	15
91	Serum cathelicidin, nasopharyngeal microbiota, and disease severity among infants hospitalized with bronchiolitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1383-1386.e6	11.5	19
90	Household siblings and nasal and fecal microbiota in infants. <i>Pediatrics International</i> , <b>2017</b> , 59, 473-481	1.2	23
89	Microbiome disruption and recovery in the fish following exposure to broad-spectrum antibiotic. <i>Infection and Drug Resistance</i> , <b>2017</b> , 10, 143-154	4.2	50
88	Cesarean or Vaginal Birth Does Not Impact the Longitudinal Development of the Gut Microbiome in a Cohort of Exclusively Preterm Infants. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1008	5.7	36
87	Association of diversity and composition of the gut microbiome with differential responses to PD-1 based therapy in patients with metastatic melanoma.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 2-2	2.2	8
86	Development of the cutaneous microbiome in the preterm infant: A prospective longitudinal study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176669	3.7	19
85	Impact of environmental microbiota on human microbiota of workers in academic mouse research facilities: An observational study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180969	3.7	22
84	Morphine Promotes Colonization of Anastomotic Tissues with Collagenase - Producing <i>Enterococcus faecalis</i> and Causes Leak. <i>Journal of Gastrointestinal Surgery</i> , <b>2016</b> , 20, 1744-51	3.3	32
83	Gut Microbiome Associates With Lifetime Cardiovascular Disease Risk Profile Among Bogalusa Heart Study Participants. <i>Circulation Research</i> , <b>2016</b> , 119, 956-64	15.7	170
82	Genetic and Environmental Determinants of Otitis Media in an Indigenous Filipino Population. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2016</b> , 155, 856-862	5.5	16
81	Water management impacts rice methylmercury and the soil microbiome. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 608-617	10.2	42
80	Microbiome-Epigenome Interactions and the Environmental Origins of Inflammatory Bowel Diseases. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2016</b> , 62, 208-19	2.8	34
79	Universal microbial diagnostics using random DNA probes. <i>Science Advances</i> , <b>2016</b> , 2, e1600025	14.3	6
78	Association of nasopharyngeal microbiota profiles with bronchiolitis severity in infants hospitalised for bronchiolitis. <i>European Respiratory Journal</i> , <b>2016</b> , 48, 1329-1339	13.6	99
77	The role of the gastrointestinal microbiome in infectious complications during induction chemotherapy for acute myeloid leukemia. <i>Cancer</i> , <b>2016</b> , 122, 2186-96	6.4	85



76	Microbial Reconstitution Reverses Maternal Diet-Induced Social and Synaptic Deficits in Offspring. <i>Cell</i> , <b>2016</b> , 165, 1762-1775	56.2	583
75	The role of gut microbiota in fetal methylmercury exposure: Insights from a pilot study. <i>Toxicology Letters</i> , <b>2016</b> , 242, 60-67	4.4	45
74	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , <b>2016</b> , 351, 158-62	33.3	256
73	Saturated and Unsaturated Dietary Fats Differentially Modulate Ethanol-Induced Changes in Gut Microbiome and Metabolome in a Mouse Model of Alcoholic Liver Disease. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 765-76	5.8	58
72	Role of the Gut Microbiome in Obstructive Sleep Apnea-Induced Hypertension. <i>Hypertension</i> , <b>2016</b> , 67, 469-74	8.5	181
71	Altered Mucosal Microbiome Diversity and Disease Severity in Sjögren Syndrome. <i>Scientific Reports</i> , <b>2016</b> , 6, 23561	4.9	184
70	Complete Genome Sequence of Streptococcus mitis Strain SVGS_061 Isolated from a Neutropenic Patient with Viridans Group Streptococcal Shock Syndrome. <i>Genome Announcements</i> , <b>2016</b> , 4,		4
69	Temporal bacterial and metabolic development of the preterm gut reveals specific signatures in health and disease. <i>Microbiome</i> , <b>2016</b> , 4, 67	16.6	91
68	Middle ear microbiome differences in indigenous Filipinos with chronic otitis media due to a duplication in the A2ML1 gene. <i>Infectious Diseases of Poverty</i> , <b>2016</b> , 5, 97	10.4	19
67	Complete Genome Sequence of Turicibacter sp. Strain H121, Isolated from the Feces of a Contaminated Germ-Free Mouse. <i>Genome Announcements</i> , <b>2016</b> , 4,		23
66	Respiratory syncytial virus and rhinovirus severe bronchiolitis are associated with distinct nasopharyngeal microbiota. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 1909-1913.e4	11.5	67
65	Microbial-Derived Metabolites Reflect an Altered Intestinal Microbiota during Catch-Up Growth in Undernourished Neonatal Mice. <i>Journal of Nutrition</i> , <b>2016</b> , 146, 940-8	4.1	13
64	Murine model of chemotherapy-induced extraintestinal pathogenic Escherichia coli translocation. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3243-56	3.7	17
63	Transmissible microbial and metabolomic remodeling by soluble dietary fiber improves metabolic homeostasis. <i>Scientific Reports</i> , <b>2015</b> , 5, 10604	4.9	46
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