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List of Publications by Year
in descending order

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47	papers
21,842	citations
196777 29	h-index
286692 43	g-index
47	all docs
47	docs citations
47	times ranked
32674	citing authors

#	Article	IF	Citations
1	Fecal Microbiota Transplantation Commonly Failed in Children With Coâ€Morbidities. Journal of Pediatric Gastroenterology and Nutrition, 2022, 74, 227-235.	0.9	4
2	Probiotic VSL#3 Treatment Reduces Colonic Permeability and Abdominal Pain Symptoms in Patients With Irritable Bowel Syndrome. Frontiers in Pain Research, 2021, 2, 691689.	0.9	9
3	Multi â€˜omic data integration: A review of concepts, considerations, and approaches. Seminars in Perinatology, 2021, 45, 151456.	1.1	37
4	Can prescribed fires restore C₄ grasslands invaded by a C₃ woody species and a coâ€dominant C₃ grass species?. Ecosphere, 2021, 12, .	1.0	6
5	Potential Applications of Human Viral Metagenomics and Reference Materials: Considerations for Current and Future Viruses. Applied and Environmental Microbiology, 2020, 86, .	1.4	13
6	Human Virome and Disease: High-Throughput Sequencing for Virus Discovery, Identification of Phage-Bacteria Dysbiosis and Development of Therapeutic Approaches with Emphasis on the Human Gut. Viruses, 2019, 11, 656.	1.5	111
7	Leveraging Human Microbiome Features to Diagnose and Stratify Children with Irritable Bowel Syndrome. Journal of Molecular Diagnostics, 2019, 21, 449-461.	1.2	59
8	Fungal Community Structural and Microbial Functional Pattern Changes After Soil Amendments by Oilseed Meals of Jatropha curcas and Camelina sativa: A Microcosm Study. Frontiers in Microbiology, 2019, 10, 537.	1.5	10
9	Biochemical but not compositional recovery of skin mucosal microbiome communities after disruption . Infection and Drug Resistance, 2019, Volume 12, 399-416.	1.1	5
10	Considering the Supraorganism: Harnessing the Gut Microbiome for Cancer Prevention, Detection, and Treatment. American Journal of Gastroenterology, 2019, 114, 1030-1031.	0.2	0
11	Airway Microbiome and Development of Bronchopulmonary Dysplasia in Preterm Infants: A Systematic Review. Journal of Pediatrics, 2019, 204, 126-133.e2.	0.9	81
12	Leveraging sequence-based faecal microbial community survey data to identify a composite biomarker for colorectal cancer. Gut, 2018, 67, 882-891.	6.1	159
13	Characterization of the Stool Microbiome in Hispanic Preschool Children by Weight Status and Time. Childhood Obesity, 2018, 14, 122-130.	0.8	21
14	Re-purposing 16S rRNA gene sequence data from within case paired tumor biopsy and tumor-adjacent biopsy or fecal samples to identify microbial markers for colorectal cancer. PLoS ONE, 2018, 13, e0207002.	1.1	25
15	Psyllium Fiber Reduces Abdominal Pain in Children With Irritable Bowel Syndrome in a Randomized, Double-Blind Trial. Clinical Gastroenterology and Hepatology, 2017, 15, 712-719.e4.	2.4	77
16	Differences in gut microbial composition correlate with regional brain volumes in irritable bowel syndrome. Microbiome, 2017, 5, 49.	4.9	228
17	Microbial markers in the diagnosis of colorectal cancer: the promise, reality and challenge. Future Microbiology, 2017, 12, 1341-1344.	1.0	8
18	The Microbiome, Intestinal Function, and Arginine Metabolism of Healthy Indian Women Are Different from Those of American and Jamaican Women. Journal of Nutrition, 2016, 146, 706-713.	1.3	40

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19	Colonic Mucosal Epigenome and Microbiome Development in Children and Adolescents. Journal of Immunology Research, 2016, 2016, 1-7.	0.9	36
20	The mucosal microbiota in a young child with severe non-Helicobacter gastritis. Therapeutic Advances in Gastroenterology, 2016, 9, 749-751.	1.4	0
21	Composition and function of the pediatric colonic mucosal microbiome in untreated patients with ulcerative colitis. Gut Microbes, 2016, 7, 384-396.	4.3	84
22	Reply. Clinical Gastroenterology and Hepatology, 2016, 14, 1667-1668.	2.4	0
23	Transfer of Viral Communities between Human Individuals during Fecal Microbiota Transplantation. MBio, 2016, 7, e00322.	1.8	90
24	The Fecal Microbiome in Pediatric Patients With Short Bowel Syndrome. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1106-1113.	1.3	57
25	Role of the Gut Microbiome in Obstructive Sleep Apneaâ€"Induced Hypertension. Hypertension, 2016, 67, 469-474.	1.3	252
26	Bioinformation and â€™Omic Approaches for Characterization of Environmental Microorganisms. , 2015, , 483-505.		4
27	Serial Fecal Microbiota Transplantation Alters Mucosal Gene Expression in Pediatric Ulcerative Colitis. American Journal of Gastroenterology, 2015, 110, 604-606.	0.2	61
28	Structure and function of the healthy pre-adolescent pediatric gut microbiome. Microbiome, 2015, 3, 36.	4.9	283
29	Gut microbiota influences low fermentable substrate diet efficacy in children with irritable bowel syndrome. Gut Microbes, 2014, 5, 165-175.	4.3	121
30	The airway microbiome of intubated premature infants: characteristics and changes that predict the development of bronchopulmonary dysplasia. Pediatric Research, 2014, 76, 294-301.	1.1	112
31	From Prediction to Function Using Evolutionary Genomics: Human-Specific Ecotypes of Lactobacillus reuteri Have Diverse Probiotic Functions. Genome Biology and Evolution, 2014, 6, 1772-1789.	1.1	83
32	Compositional and Functional Features of the Gastrointestinal Microbiome and Their Effects on Human Health. Gastroenterology, 2014, 146, 1449-1458.	0.6	386
33	Evaluating the performance of carboxylate platform fermentations across diverse inocula originating as sediments from extreme environments. Bioresource Technology, 2014, 155, 388-394.	4.8	11
34	Soil bacterial and fungal communities respond differently to various isothiocyanates added for biofumigation. Frontiers in Microbiology, 2014, 5, 729.	1.5	56
35	Differential impacts of brassicaceous and nonbrassicaceous oilseed meals on soil bacterial and fungal communities. FEMS Microbiology Ecology, 2013, 83, 632-641.	1.3	71
36	Comparison of mixed-acid fermentations inoculated with six different mixed cultures. Bioresource Technology, 2012, 118, 343-349.	4.8	11

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37	Impact of Indian Mustard (<i>Brassica juncea</i>) and Flax (<i>Linum usitatissimum</i>) Seed Meal Applications on Soil Carbon, Nitrogen, and Microbial Dynamics. Applied and Environmental Soil Science, 2012, 2012, 1-14.	0.8	26
38	Mesophilic and Thermophilic Conditions Select for Unique but Highly Parallel Microbial Communities to Perform Carboxylate Platform Biomass Conversion. PLoS ONE, 2012, 7, e39689.	1.1	30
39	Impacts of Cropping Systems and Long-Term Tillage on Soil Microbial Population Levels and Community Composition in Dryland Agricultural Setting. ISRN Ecology, 2012, 2012, 1-11.	1.0	16
40	Water Management Impacts on Arsenic Speciation and Iron-Reducing Bacteria in Contrasting Rice-Rhizosphere Compartments. Environmental Science & Technology, 2011, 45, 8328-8335.	4.6	122
41	Microbial communities in rice rhizosphere altered by intermittent and continuous flooding in fields with long-term arsenic application. Soil Biology and Biochemistry, 2011, 43, 1220-1228.	4.2	71
42	Investigation of intermittent air exposure on four-stage and one-stage anaerobic semi-continuous mixed-acid fermentations. Bioresource Technology, 2011, 102, 5066-5075.	4.8	18
43	Structure and dynamics of the microbial communities underlying the carboxylate platform for biofuel production. Applied Microbiology and Biotechnology, 2010, 88, 389-399.	1.7	32
44	Structural and functional diversity of soil bacterial and fungal communities following woody plant encroachment in the southern Great Plains. Soil Biology and Biochemistry, 2010, 42, 1816-1824.	4.2	72
45	Shifts in microbial community structure along an ecological gradient of hypersaline soils and sediments. ISME Journal, 2010, 4, 829-838.	4.4	289
46	Black Box Chimera Check (B2C2): a Windows-Based Software for Batch Depletion of Chimeras from Bacterial 16S rRNA Gene Datasets. Open Microbiology Journal, 2010, 4, 47-52.	0.2	165
47	Introducing mothur: Open-Source, Platform-Independent, Community-Supported Software for Describing and Comparing Microbial Communities. Applied and Environmental Microbiology, 2009, 75, 7537-7541.	1.4	18,390