

Delivery mode shapes the acquisition and structure of the multiple body habitats in newborns

Proceedings of the National Academy of Sciences of the United States of America
107, 11971-11975

DOI: [10.1073/pnas.1002601107](https://doi.org/10.1073/pnas.1002601107)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Human Intestinal Microbiota and Microbiome. , 0, , 635-644.		0
2	Robotic-Assisted Laparoscopic Donor Nephrectomy with Transvaginal Extraction of the Kidney. American Journal of Transplantation, 2010, 10, 2708-2711.	2.6	54
3	Resistant Starches Types 2 and 4 Have Differential Effects on the Composition of the Fecal Microbiota in Human Subjects. PLoS ONE, 2010, 5, e15046.	1.1	508
4	Reply to Putignani et al.: Vagina as a major source of natural inoculum for the newborn. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, .	3.3	1
5	The bacterial microbiota in the oral mucosa of rural Amerindians. Microbiology (United Kingdom), 2010, 156, 3282-3287.	0.7	65
6	Additional maternal and nonmaternal factors contribute to microbiota shaping in newborns. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E159; author reply E160.	3.3	11
7	The developing intestinal microbiome and its relationship to health and disease in the neonate. Journal of Perinatology, 2011, 31, S29-S34.	0.9	173
8	Development of the Human Gastrointestinal Microbiota and Insights From High-Throughput Sequencing. Gastroenterology, 2011, 140, 1713-1719.	0.6	329
9	Gut microbiota, probiotics, and vitamin D: Interrelated exposures influencing allergy, asthma, and obesity?. Journal of Allergy and Clinical Immunology, 2011, 127, 1087-1094.	1.5	198
10	Effect of prenatal indoor pet exposure on the trajectory of total IgE levels in early childhood. Journal of Allergy and Clinical Immunology, 2011, 128, 880-885.e4.	1.5	66
11	Mode and place of delivery, gastrointestinal microbiota, and their influence on asthma and atopy. Journal of Allergy and Clinical Immunology, 2011, 128, 948-955.e3.	1.5	406
12	Gene-environment interaction in chronic disease: AÂEuropean Science Foundation Forward Look. Journal of Allergy and Clinical Immunology, 2011, 128, S27-S49.	1.5	30
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16	The Impact of a Consortium of Fermented Milk Strains on the Gut Microbiome of Gnotobiotic Mice and Monozygotic Twins. Science Translational Medicine, 2011, 3, 106ra106.	5.8	456
17	Diversity of the Human Skin Microbiome Early in Life. Journal of Investigative Dermatology, 2011, 131, 2026-2032.	0.3	402
18	Unraveling How Probiotic Yogurt Works. Science Translational Medicine, 2011, 3, 106ps41.	5.8	8

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20	The Human Microbiome Project in 2011 and Beyond. <i>Cell Host and Microbe</i> , 2011, 10, 287-291.	5.1	241
21	Antibiotics and the resistant microbiome. <i>Current Opinion in Microbiology</i> , 2011, 14, 556-563.	2.3	140
22	Skin microbiome: genomics-based insights into the diversity and role of skin microbes. <i>Trends in Molecular Medicine</i> , 2011, 17, 320-328.	3.5	222
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69	Role of microbiota in postnatal maturation of intestinal T-cell responses. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 502-508.	1.0	26
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97	The Human Microbiome and Its Potential Importance to Pediatrics. <i>Pediatrics</i> , 2012, 129, 950-960.	1.0	252
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1315	Maternal Factors Related to Variability in the Human Milk Microbiome. , 2017, , 329-348.		5
1316	Exploring the role of the microbiota member <i>Bifidobacterium</i> in modulating immune-linked diseases. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 333-349.	1.1	78
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1323	The Gastrointestinal Microbiome: A Review. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 9-25.	0.6	433
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1326	The Role of the Microbiome in the Developmental Origins of Health and Disease. <i>Pediatrics</i> , 2018, 141, .	1.0	246
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1344	Roles of Birth Mode and Infant Gut Microbiota in Intergenerational Transmission of Overweight and Obesity From Mother to Offspring. <i>JAMA Pediatrics</i> , 2018, 172, 368.	3.3	235
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1352	Does saline enema during the first stage of labour reduce the incidence of <i>Clostridium difficile</i> colonization in neonates? A randomized controlled trial. <i>Journal of Hospital Infection</i> , 2018, 99, 356-359.	1.4	3
1353	Epigenetics and neurodegeneration: role of early-life nutrition. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 1-13.	1.9	55
1354	Microbiome assembly of avian eggshells and their potential as transgenerational carriers of maternal microbiota. <i>ISME Journal</i> , 2018, 12, 1375-1388.	4.4	53

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1363	Microbiota Signaling Pathways that Influence Neurologic Disease. <i>Neurotherapeutics</i> , 2018, 15, 135-145.	2.1	127
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1368	Human vaginal pH and microbiota: an update. <i>Gynecological Endocrinology</i> , 2018, 34, 451-455.	0.7	43
1369	Targeting gut microbiome: A novel and potential therapy for autism. <i>Life Sciences</i> , 2018, 194, 111-119.	2.0	96
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1377	Factors associated with early childhood caries among 3 to 6 year old children in India: A case control study. <i>Journal of Neonatal-Perinatal Medicine</i> , 2018, 11, 45-50.	0.4	13
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1383	Relationship between diet, the gut microbiota, and brain function. <i>Nutrition Reviews</i> , 2018, 76, 603-617.	2.6	47
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1385	Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2018, 38, 193-205.	0.6	40
1386	The developing gut microbiota and its consequences for health. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 590-597.	0.7	113
1387	The oral microbiota – a mechanistic role for systemic diseases. <i>British Dental Journal</i> , 2018, 224, 447-455.	0.3	110
1388	The gut microbiota and its potential role in obesity. <i>Future Microbiology</i> , 2018, 13, 589-603.	1.0	32
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1391	Epidemiology and Hereditary Aspects of Acute Leukemia. , 2018, , 179-195.		0

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1395	Microbial Ecology of the Human Skin. <i>Microbial Ecology</i> , 2018, 76, 113-120.	1.4	86
1396	Vaginal seeding or vaginal microbial transfer from the mother to the caesarean-born neonate: a commentary regarding clinical management. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 533-536.	1.1	25
1397	Gut microbiota-mediated pharmacokinetics of ginseng saponins. <i>Journal of Ginseng Research</i> , 2018, 42, 255-263.	3.0	135
1398	Gut microbial diversity in HIV infection post combined antiretroviral therapy. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 38-44.	1.5	23
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1400	Impacts of the Human Gut Microbiome on Therapeutics. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 253-270.	4.2	74
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1402	Probiotics in the Prevention of Gestational Diabetes Mellitus (GDM). , 2018, , 275-288.		0
1403	Bifidobacteria and the infant gut: an example of co-evolution and natural selection. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 103-118.	2.4	129
1404	Early microbiota, antibiotics and health. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 83-91.	2.4	76
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1406	Prenatal antimicrobial use and early-childhood body mass index. <i>International Journal of Obesity</i> , 2018, 42, 1-7.	1.6	38
1407	Beyond gut feelings: how the gut microbiota regulates blood pressure. <i>Nature Reviews Cardiology</i> , 2018, 15, 20-32.	6.1	287
1408	Mother-newborn separation at birth in hospitals: A possible risk for neurodevelopmental disorders?. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 337-351.	2.9	52
1409	Maternal obesity is associated with gut microbial metabolic potential in offspring during infancy. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 159-169.	1.3	29

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1411	Breastfeeding increases microbial community resilience. <i>Jornal De Pediatria</i> , 2018, 94, 258-267.	0.9	15
1412	The microbiota influences cell death and microglial colonization in the perinatal mouse brain. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 218-229.	2.0	54
1413	The gut microbiome, symptoms, and targeted interventions in children with cancer: a systematic review. <i>Supportive Care in Cancer</i> , 2018, 26, 427-439.	1.0	37
1414	Gut reactions: How the blood-brain barrier connects the microbiome and the brain. <i>Experimental Biology and Medicine</i> , 2018, 243, 159-165.	1.1	161
1415	A review of metabolic potential of human gut microbiome in human nutrition. <i>Archives of Microbiology</i> , 2018, 200, 203-217.	1.0	206
1416	Gut Microbiota and Host Juvenile Growth. <i>Calcified Tissue International</i> , 2018, 102, 387-405.	1.5	40
1417	Co-occurrence of early gut colonization in neonatal piglets with microbiota in the maternal and surrounding delivery environments. <i>Anaerobe</i> , 2018, 49, 30-40.	1.0	92
1418	Sampling, Extraction, and High-Throughput Sequencing Methods for Environmental Microbial and Viral Communities. <i>Methods in Molecular Biology</i> , 2018, 1712, 163-173.	0.4	2
1420	Gut microbiome: a new player in gastrointestinal disease. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 159-172.	1.4	59
1421	Next Generation Sequencing. <i>Methods in Molecular Biology</i> , 2018, , .	0.4	2
1422	Microbiome, Dysbiosis, and Atopic Dermatitis. , 2018, , 141-155.		1
1423	Adverse effect of early-life high-fat/high-carbohydrate (Western) diet on bacterial community in the distal bowel of mice. <i>Nutrition Research</i> , 2018, 50, 25-36.	1.3	20
1424	Influence of the intestinal microbiota on the immunogenicity of oral rotavirus vaccine given to infants in south India. <i>Vaccine</i> , 2018, 36, 264-272.	1.7	88
1425	How poverty affects diet to shape the microbiota and chronic disease. <i>Nature Reviews Immunology</i> , 2018, 18, 279-287.	10.6	46
1426	Manipulating the microbiome: evolution of a strategy to prevent <i>S. aureus</i> disease in children. <i>Journal of Perinatology</i> , 2018, 38, 105-109.	0.9	12
1427	Another reason to favor exclusive breastfeeding: microbiome resilience. <i>Jornal De Pediatria</i> , 2018, 94, 224-225.	0.9	4
1428	Skin barrier and microbiome in acne. <i>Archives of Dermatological Research</i> , 2018, 310, 181-185.	1.1	88

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1431	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. Neurotherapeutics, 2018, 15, 36-59.	2.1	358
1432	Cesarean Section on the Risk of Celiac Disease in the Offspring. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 417-424.	0.9	47
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1769	Biological Complexity in Primate Sociality and Health. , 2019, , 133-140.		0
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1772	Life History of Savanna Monkeys. , 2019, , 163-198.		1
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1777	Ethnoprimateology and Savanna Monkeys. , 2019, , 235-243.		1
1778	Exploring Caribbean Green Monkeys (<i>Chlorocebus sabaues</i>) through an Ethnoprimateological Lens. , 2019, , 244-254.		0

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1782	Michigan cohorts to determine associations of maternal pre-pregnancy body mass index with pregnancy and infant gastrointestinal microbial communities: Late pregnancy and early infancy. <i>PLoS ONE</i> , 2019, 14, e0213733.	1.1	49
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1788	Microbes and the Mind: How Bacteria Shape Affect, Neurological Processes, Cognition, Social Relationships, Development, and Pathology. <i>Perspectives on Psychological Science</i> , 2019, 14, 397-418.	5.2	25
1789	The Perturbation of Infant Gut Microbiota Caused by Cesarean Delivery Is Partially Restored by Exclusive Breastfeeding. <i>Frontiers in Microbiology</i> , 2019, 10, 598.	1.5	65
1790	Cesarean birth and the growth of Yucatec Maya and Toba/Qom children. <i>American Journal of Human Biology</i> , 2019, 31, e23228.	0.8	8
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1792	Microbial Colonization Coordinates the Pathogenesis of a <i>Klebsiella pneumoniae</i> Infant Isolate. <i>Scientific Reports</i> , 2019, 9, 3380.	1.6	26
1793	Development and Function of the Intestinal Microbiome and Potential Implications for Pig Production. <i>Animals</i> , 2019, 9, 76.	1.0	72
1794	Effect of oral supplementation of <i>Lactobacillus rhamnosus</i> and <i>Enterococcus faecium</i> on the composition of the faecal microbiota of foals. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 915-924.	1.0	4
1795	Birth Mode, Breastfeeding, Pet Exposure, and Antibiotic Use: Associations With the Gut Microbiome and Sensitization in Children. <i>Current Allergy and Asthma Reports</i> , 2019, 19, 22.	2.4	113
1796	Current understanding of the role of gut dysbiosis in type 1 diabetes. <i>Journal of Diabetes</i> , 2019, 11, 632-644.	0.8	55
1797	Microbiome programming of brain development: implications for neurodevelopmental disorders. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 744-749.	1.1	25
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1800	The Preterm Gut Microbiota: An Inconspicuous Challenge in Nutritional Neonatal Care. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 85.	1.8	99
1801	Thinking bigger: How early-life environmental exposures shape the gut microbiome and influence the development of asthma and allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2103-2115.	2.7	114
1802	Factors influencing the gut microbiome in children: from infancy to childhood. <i>Journal of Biosciences</i> , 2019, 44, 1.	0.5	81
1803	Intestinal Microbiota in Early Life and Its Implications on Childhood Health. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 13-25.	3.0	159
1804	Metaproteomic and 16S rRNA Gene Sequencing Analysis of the Infant Fecal Microbiome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1430.	1.8	12
1805	Feeding modes shape the acquisition and structure of the initial gut microbiota in newborn lambs. <i>Environmental Microbiology</i> , 2019, 21, 2333-2346.	1.8	45
1806	The Cutaneous Microbiome: Implications for Dermatology Practice. <i>Journal of Cutaneous Medicine and Surgery</i> , 2019, 23, 436-441.	0.6	10
1807	Primate microbiomes over time: Longitudinal answers to standing questions in microbiome research. <i>American Journal of Primatology</i> , 2019, 81, e22970.	0.8	46
1808	The gut virome: the "missing link" between gut bacteria and host immunity?. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481983662.	1.4	127
1809	The Human Microbiota and Prostate Cancer: Friend or Foe?. <i>Cancers</i> , 2019, 11, 459.	1.7	38
1810	Perinatal factors affect the gut microbiota up to four years after birth. <i>Nature Communications</i> , 2019, 10, 1517.	5.8	176
1811	Cytokines and Chemokines as Biomarkers of Future Asthma. <i>Frontiers in Pediatrics</i> , 2019, 7, 72.	0.9	22
1812	Gut Microbiome in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2019, 48, 221-235.	1.0	23
1813	Maternal motives behind elective cesarean sections. <i>American Journal of Human Biology</i> , 2019, 31, e23226.	0.8	10
1814	The Dimension of Time in Host-Microbiome Interactions. <i>MSystems</i> , 2019, 4, .	1.7	49
1815	Prenatal Developmental Origins of Future Psychopathology: Mechanisms and Pathways. <i>Annual Review of Clinical Psychology</i> , 2019, 15, 317-344.	6.3	195
1816	Innate immunity and oral microbiome: a personalized, predictive, and preventive approach to the management of oral diseases. <i>EPMA Journal</i> , 2019, 10, 43-50.	3.3	38

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1819	Metabolome and Microbiome From Infancy to Elderly. , 2019, , 85-89.		0
1820	Bioactive Molecules of the Human Microbiome. , 2019, , 115-125.		3
1821	Deleterious Impact of Smog on the Intestinal Bacteria. , 2019, , 409-414.		1
1822	The Human Vaginal Microbiome. , 2019, , 109-114.		4
1823	The role of antimicrobial treatment during pregnancy on the neonatal gut microbiome and the development of atopy, asthma, allergy and obesity in childhood. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 173-185.	1.0	53
1824	Dietary Short Chain Fatty Acids: How the Gut Microbiota Fight Against Autoimmune and Inflammatory Diseases. , 2019, , 139-159.		5
1825	Wheeze and Food Allergies in Children Born via Cesarean Delivery. <i>American Journal of Epidemiology</i> , 2019, 188, 355-362.	1.6	28
1826	HIV-exposed uninfected compared with unexposed infants show the presence of leucocytes, lower lactoferrin levels and antimicrobial-resistant micro-organisms in the stool. <i>Paediatrics and International Child Health</i> , 2019, 39, 249-258.	0.3	3
1827	Caesarean delivery, immune function and inflammation in early life among Ecuadorian infants and young children. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 555-562.	0.7	10
1828	Eczema-protective probiotic alters infant gut microbiome functional capacity but not composition: sub-sample analysis from a RCT. <i>Beneficial Microbes</i> , 2019, 10, 5-17.	1.0	31
1829	Gut microbiota development of preterm infants hospitalised in intensive care units. <i>Beneficial Microbes</i> , 2019, 10, 641-651.	1.0	31
1830	Mechanisms and immunomodulatory properties of pre- and probiotics. <i>Beneficial Microbes</i> , 2019, 10, 225-236.	1.0	38
1831	The Therapeutic Potential of the “Yin-Yang” Garden in Our Gut. , 2019, , .		2
1832	Impact of oral administration of four <i>Lactobacillus</i> strains on Nugent score “ systematic review and meta-analysis. <i>Beneficial Microbes</i> , 2019, 10, 483-496.	1.0	13
1833	Towards Prepared mums (TOP-mums) for a healthy start, a lifestyle intervention for women with overweight and a child wish: study protocol for a randomised controlled trial in the Netherlands. <i>BMJ Open</i> , 2019, 9, e030236.	0.8	7
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1837	Microbial evolution and ecological opportunity in the gut environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191964.	1.2	26
1838	The effect of microbiome exposure at birth on pediatric outcomes using a twin cohort discordant for microbiome exposure at birth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3355-3361.	0.7	2
1839	Is the delivery mode a critical factor for the microbial communities in the meconium?. <i>EBioMedicine</i> , 2019, 49, 354-363.	2.7	45
1840	A Mother's Touch: Emerging Roles in Development of the Cutaneous Microbiome. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2414-2416.	0.3	1
1841	The association between caesarean section delivery and later life obesity in 21-24 year olds in an Urban South African birth cohort. <i>PLoS ONE</i> , 2019, 14, e0221379.	1.1	8
1842	Dynamics and stabilization of the rumen microbiome in yearling Tibetan sheep. <i>Scientific Reports</i> , 2019, 9, 19620.	1.6	35
1843	Mode of delivery and necrotizing enterocolitis in very preterm very-low-birth-weight infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3933-3939.	0.7	10
1844	Maternal milk and fecal microbes guide the spatiotemporal development of mucosa-associated microbiota and barrier function in the porcine neonatal gut. <i>BMC Biology</i> , 2019, 17, 106.	1.7	51
1845	The microbiota composition of the offspring of patients with gestational diabetes mellitus (GDM). <i>PLoS ONE</i> , 2019, 14, e0226545.	1.1	45
1846	Microbiome changes: an indicator of Parkinson's disease?. <i>Translational Neurodegeneration</i> , 2019, 8, 38.	3.6	61
1847	Lung Microbiome in Asthma: Current Perspectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 1967.	1.0	51
1848	The Potential Influence of the Bacterial Microbiome on the Development and Progression of ADHD. <i>Nutrients</i> , 2019, 11, 2805.	1.7	57
1849	Gut and Lung Microbiota in Preterm Infants: Immunological Modulation and Implication in Neonatal Outcomes. <i>Frontiers in Immunology</i> , 2019, 10, 2910.	2.2	71
1850	Evaluation of the effect of HIV virus on the digestive flora of infected versus non infected infants. <i>Pan African Medical Journal</i> , 2019, 34, 24.	0.3	2
1851	Maturation of the Goat Rumen Microbiota Involves Three Stages of Microbial Colonization. <i>Animals</i> , 2019, 9, 1028.	1.0	29
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1854	Term Elective Cesarean Delivery and Offspring Infectious Morbidity. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 176-180.	1.1	22
1855	Diet, Health, and the Gut Microbiota. , 2019, , 815-829.		1
1856	Early-Life Contributors to Child Well-Being. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 5-6.	1.0	0
1857	The Unique Microbiome and Innate Immunity During Pregnancy. <i>Frontiers in Immunology</i> , 2019, 10, 2886.	2.2	65
1858	The Skin and Intestinal Microbiota and Their Specific Innate Immune Systems. <i>Frontiers in Immunology</i> , 2019, 10, 2950.	2.2	63
1859	Microbial transmission from mother to child: improving infant intestinal microbiota development by identifying the obstacles. <i>Critical Reviews in Microbiology</i> , 2019, 45, 613-648.	2.7	30
1860	Oral Microbiota Development in Early Childhood. <i>Scientific Reports</i> , 2019, 9, 19025.	1.6	30
1861	Stunted microbiota and opportunistic pathogen colonization in caesarean-section birth. <i>Nature</i> , 2019, 574, 117-121.	13.7	617
1862	Sharing of gut microbial strains between selected individual sets of twins cohabitating for decades. <i>PLoS ONE</i> , 2019, 14, e0226111.	1.1	31
1863	Comparative Analysis of Microbiome in Nasopharynx and Middle Ear in Young Children With Acute Otitis Media. <i>Frontiers in Genetics</i> , 2019, 10, 1176.	1.1	16
1864	The Microbiome and Its Potential for Pharmacology. <i>Handbook of Experimental Pharmacology</i> , 2019, 260, 301-326.	0.9	14
1865	Maternal and Breast Milk Influences on the Infant Gut Microbiome, Enteric Health and Growth Outcomes of Rhesus Monkeys. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 363-369.	0.9	10
1866	The Initial Oral Microbiota of Neonates Among Subjects With Gestational Diabetes Mellitus. <i>Frontiers in Pediatrics</i> , 2019, 7, 513.	0.9	14
1868	Fetal cardiac growth is associated with in utero gut colonization. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 170-176.	1.1	10
1869	Effects of Césection on the human microbiota. <i>American Journal of Human Biology</i> , 2019, 31, e23196.	0.8	4
1870	Prenatal stress enhances postnatal plasticity: The role of microbiota. <i>Developmental Psychobiology</i> , 2019, 61, 729-738.	0.9	10
1871	Microbiome in Mechanisms of Asthma. <i>Clinics in Chest Medicine</i> , 2019, 40, 87-96.	0.8	22

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1874	The microbiome in asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 270-275.	0.5	65
1875	Protective Mechanisms of Butyrate on Inflammatory Bowel Disease. <i>Current Pharmaceutical Design</i> , 2019, 24, 4154-4166.	0.9	97
1876	Necrotizing Enterocolitis Pathophysiology. <i>Clinics in Perinatology</i> , 2019, 46, 29-38.	0.8	21
1877	The Role of the Microbiome in Asthma: The Gut-Lung Axis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 123.	1.8	162
1878	Uddanam Kidney Nephropathy Under the Light of Metagenomics Perspective. <i>SN Comprehensive Clinical Medicine</i> , 2019, 1, 23-25.	0.3	1
1879	Dietary metabolism, the gut microbiome, and heart failure. <i>Nature Reviews Cardiology</i> , 2019, 16, 137-154.	6.1	449
1880	Importance of gut microbiota in obesity. <i>European Journal of Clinical Nutrition</i> , 2019, 72, 26-37.	1.3	88
1881	Cesarean Section Induces Microbiota-Regulated Immune Disturbances in C57BL/6 Mice. <i>Journal of Immunology</i> , 2019, 202, 142-150.	0.4	34
1882	Les probiotiques: une stratégie nutritionnelle pour prévenir des allergies. <i>Revue Française D'allergologie</i> , 2019, 59, 90-101.	0.1	0
1883	The Human Microbiota and Asthma. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 350-363.	2.9	92
1884	Gut microbiota development in mice is affected by hydrogen peroxide produced from amino acid metabolism during lactation. <i>FASEB Journal</i> , 2019, 33, 3343-3352.	0.2	13
1885	Cesarean Delivery Impacts Infant Brain Development. <i>American Journal of Neuroradiology</i> , 2019, 40, 169-177.	1.2	26
1886	The Gut-Brain Axis and the Microbiome: Mechanisms and Clinical Implications. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 322-332.	2.4	285
1887	Breastfeeding: a key modulator of gut microbiota characteristics in late infancy. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 206-213.	0.7	15
1888	Connection between gut microbiome and brain development in preterm infants. <i>Developmental Psychobiology</i> , 2019, 61, 739-751.	0.9	77
1889	Lung inflammation and disease: A perspective on microbial homeostasis and metabolism. <i>IUBMB Life</i> , 2019, 71, 152-165.	1.5	58

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1891	Comparison of the salivary and dentinal microbiome of children with severe-early childhood caries to the salivary microbiome of caries-free children. <i>BMC Oral Health</i> , 2019, 19, 13.	0.8	86
1892	Socioeconomic Status and the Gut Microbiome: A TwinsUK Cohort Study. <i>Microorganisms</i> , 2019, 7, 17.	1.6	93
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1894	Prevalence and sociodemographic determinants of household-level double burden of malnutrition in Bangladesh. <i>Public Health Nutrition</i> , 2019, 22, 1425-1432.	1.1	38
1895	The Microbiota and Energy Balance. <i>Endocrinology</i> , 2019, , 109-126.	0.1	2
1896	The microbiome in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 26-35.	1.5	317
1897	The role of the gut microbiota in development, function and disorders of the central nervous system and the enteric nervous system. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12684.	1.2	172
1898	Bacterial community and metabolome shifts in the cecum and colon of captive sika deer (<i>Cervus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	11
1899	What can the gut microbiome teach us about the connections between child physical and mental health? A systematic review. <i>Developmental Psychobiology</i> , 2019, 61, 700-713.	0.9	9
1900	The Microbiome in Celiac Disease. <i>Gastroenterology Clinics of North America</i> , 2019, 48, 115-126.	1.0	38
1901	The interplay among gut microbiota, hypertension and kidney diseases: The role of short-chain fatty acids. <i>Pharmacological Research</i> , 2019, 141, 366-377.	3.1	94
1902	Elective cesarean delivery at term and the long-term risk for endocrine and metabolic morbidity of the offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 429-435.	0.7	3
1903	Healthy infants harbor intestinal bacteria that protect against food allergy. <i>Nature Medicine</i> , 2019, 25, 448-453.	15.2	306
1904	The microbiotaâ€“gutâ€“brain axis: A promising avenue to foster healthy developmental outcomes. <i>Developmental Psychobiology</i> , 2019, 61, 772-782.	0.9	21
1905	Relations between mode of birth delivery and timing of developmental milestones and adiposity in preadolescence: A retrospective study. <i>Early Human Development</i> , 2019, 129, 52-59.	0.8	16
1906	Mode of delivery and offspring adiposity in late adolescence: The modifying role of maternal pre-pregnancy body size. <i>PLoS ONE</i> , 2019, 14, e0209581.	1.1	7
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1910	Gut Microbiota; Its Importance in Obesity. , 2019, , 353-362.		1
1911	<i>Salmonella</i> shedding status of the sow affects the microbiota of their piglets at weaning. Journal of Applied Microbiology, 2019, 126, 411-423.	1.4	16
1912	Obesity, diabetes, and the gut microbiome: an updated review. Expert Review of Gastroenterology and Hepatology, 2019, 13, 3-15.	1.4	139
1913	Nucleic Acid Sensing Perturbation: How Aberrant Recognition of Self-Nucleic Acids May Contribute to Autoimmune and Autoinflammatory Diseases. International Review of Cell and Molecular Biology, 2019, 344, 117-137.	1.6	6
1914	Colonization of Cutibacterium avidum during infant gut microbiota establishment. FEMS Microbiology Ecology, 2019, 95, .	1.3	15
1915	Antibiotics as both friends and foes of the human gut microbiome: The microbial community approach. Drug Development Research, 2019, 80, 86-97.	1.4	43
1916	Diesel exhausts particles: Their role in increasing the incidence of asthma. Reviewing the evidence of a causal link. Science of the Total Environment, 2019, 652, 1129-1138.	3.9	58
1917	Microbiomeâ€“microglia connections via the gutâ€“brain axis. Journal of Experimental Medicine, 2019, 216, 41-59.	4.2	275
1918	A primer on investigating the role of the microbiome in brain and cognitive development. Developmental Psychobiology, 2019, 61, 341-349.	0.9	13
1919	An insight into gut microbiota and its functionalities. Cellular and Molecular Life Sciences, 2019, 76, 473-493.	2.4	552
1920	The gut microbiome: Relationships with disease and opportunities for therapy. Journal of Experimental Medicine, 2019, 216, 20-40.	4.2	547
1921	Gut microbiota and obesity: An opportunity to alter obesity through faecal microbiota transplant (FMT). Diabetes, Obesity and Metabolism, 2019, 21, 479-490.	2.2	101
1922	Probiotics in the treatment of otitis media. The past, the present and the future. International Journal of Pediatric Otorhinolaryngology, 2019, 116, 135-140.	0.4	12
1923	Transmaternal Helicobacter pylori exposure reduces allergic airway inflammation in offspring through regulatory T cells. Journal of Allergy and Clinical Immunology, 2019, 143, 1496-1512.e11.	1.5	38
1924	Distribution of Late-Onset Neonatal Sepsis Pathogens Differs in Inpatient and Outpatient Settings. American Journal of Perinatology, 2019, 36, 1136-1141.	0.6	8
1925	A Systematic Review of the Interaction Between Gut Microbiota and Host Health from a Symbiotic Perspective. SN Comprehensive Clinical Medicine, 2019, 1, 224-235.	0.3	6

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1927	Microbial balance in the intestinal microbiota and its association with diabetes, obesity and allergic disease. <i>Microbial Pathogenesis</i> , 2019, 127, 48-55.	1.3	79
1928	Human Microbiome: Composition and Role in Inflammatory Skin Diseases. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2019, 67, 1-18.	1.0	66
1929	Exploring Human Bacterial Diversity Toward Prevention of Infectious Disease and Health Promotion. , 2019, , 519-533.		4
1930	Diabetic gut microbiota dysbiosis as an inflammaging and immunosenescence condition that fosters progression of retinopathy and nephropathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1876-1897.	1.8	102
1931	Allogeneic skin donors from a tissue bank in Southern Brazil: clinical and epidemiological profiles and microbial colonization of skin. <i>International Journal of Dermatology</i> , 2019, 58, 325-332.	0.5	2
1932	Management of the Asymptomatic Newborn at Risk for Sepsis. , 2019, , 3-14.		0
1933	Neonatal Necrotizing Enterocolitis. , 2019, , 87-98.		0
1934	Neonatal Gastrointestinal Tract as a Conduit to Systemic Inflammation. , 2019, , 157-171.		0
1935	The Microbial Mother Meets the Independent Organ: Cultural Discourses of Reproductive Microbiomes. <i>Journal of Medical Humanities</i> , 2019, 40, 329-345.	0.3	3
1936	Gut microbiota alterations and dietary modulation in childhood malnutrition – The role of short chain fatty acids. <i>Clinical Nutrition</i> , 2019, 38, 615-630.	2.3	65
1937	The exposome in atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 63-74.	2.7	111
1938	Identifying psychiatric disorder-associated gut microbiota using microbiota-related gene set enrichment analysis. <i>Briefings in Bioinformatics</i> , 2020, 21, 1016-1022.	3.2	63
1939	Neonatal microbiome – a brief review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3841-3848.	0.7	30
1940	At the forefront of psychoneuroimmunology in pregnancy: Implications for racial disparities in birth outcomes. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 327-333.	2.9	11
1941	Anorexia nervosa: Gut microbiota-immune-brain interactions. <i>Clinical Nutrition</i> , 2020, 39, 676-684.	2.3	66
1942	Changes of intestinal microbiota in early life. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 1036-1043.	0.7	58
1943	The role of filaggrin in atopic dermatitis and allergic disease. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 124, 36-43.	0.5	173

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1947	Copan microFLOQÁ® Direct Swab collection of bloodstains, saliva, and semen on cotton cloth. International Journal of Legal Medicine, 2020, 134, 45-54.	1.2	13
1948	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. Annual Review of Pharmacology and Toxicology, 2020, 60, 477-502.	4.2	227
1949	Maternal Vertical Transmission Affecting Early-life Microbiota Development. Trends in Microbiology, 2020, 28, 28-45.	3.5	121
1950	Human Microbiome and Allergic Diseases in Children: Pathogenetic Role and Therapeutic Options. Current Pediatric Reviews, 2020, 16, 89-94.	0.4	8
1951	Influence of Commensal Microbiota and Metabolite for Mucosal Immunity. , 2020, , 143-164.		1
1952	Reconciling Hygiene and Cleanliness: A New Perspective from Human Microbiome. Indian Journal of Microbiology, 2020, 60, 37-44.	1.5	10
1953	Metabolomics of bronchopulmonary dysplasia. Clinica Chimica Acta, 2020, 500, 109-114.	0.5	22
1954	Emerging Insights on the Interaction Between Anticancer and Immunosuppressant Drugs and Intestinal Microbiota in Pediatric Patients. Clinical and Translational Science, 2020, 13, 238-259.	1.5	12
1955	Does the gut microbiota contribute to the oligodendrocyte progenitor niche?. Neuroscience Letters, 2020, 715, 134574.	1.0	6
1956	Transplant associated infectionsâ€”The role of the gastrointestinal microbiota and potential therapeutic options. Nephrology, 2020, 25, 5-13.	0.7	14
1957	Painful interactions: Microbial compounds and visceral pain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165534.	1.8	21
1958	Epidemiology and Mechanisms of the Increasing Incidence of Colon and Rectal Cancers in Young Adults. Gastroenterology, 2020, 158, 341-353.	0.6	295
1959	The Airway Microbiome and Bronchopulmonary Dysplasia. , 2020, , 151-162.		0
1960	The impact of NBUVB on microbial community profiling in the lesional skin of vitiligo subjects. Microbial Pathogenesis, 2020, 140, 103943.	1.3	7
1961	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. Nutrients, 2020, 12, 133.	1.7	98
1962	Role of early life immune regulation in asthma development. Seminars in Immunopathology, 2020, 42, 29-42.	2.8	22

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1964	Characterization of the gut microbiota of Nicaraguan children in a water insecure context. <i>American Journal of Human Biology</i> , 2020, 32, e23371.	0.8	16
1965	Revealing the secret life of skin –with the microbiome you never walk alone. <i>International Journal of Cosmetic Science</i> , 2020, 42, 116-126.	1.2	53
1966	Microorganisms in the reproductive tissues of arthropods. <i>Nature Reviews Microbiology</i> , 2020, 18, 97-111.	13.6	74
1967	Gut microbiome composition and diversity are related to human personality traits. <i>Human Microbiome Journal</i> , 2020, 15, 100069.	3.8	119
1968	Gut microbiota and immunology of the gastrointestinal tract. , 2020, , 63-78.		3
1969	Microbial orchestra in juvenile idiopathic arthritis: Sounds of disarray?. <i>Immunological Reviews</i> , 2020, 294, 9-26.	2.8	20
1970	The role of the microbiome in precision medicine. , 2020, , 13-18.		0
1971	Impacts of delivery mode on very low birth weight infants’s oral microbiome. <i>Pediatrics and Neonatology</i> , 2020, 61, 201-209.	0.3	6
1972	The connection between microbiome and schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 712-731.	2.9	50
1973	“Layered immunity” and the “neonatal window of opportunity” – timed succession of non-redundant phases to establish mucosal host-microbial homeostasis after birth. <i>Immunology</i> , 2020, 159, 15-25.	2.0	72
1974	Understanding immune-microbiota interactions in the intestine. <i>Immunology</i> , 2020, 159, 4-14.	2.0	62
1975	Annual Research Review: Critical windows – the microbiota-gut-brain axis in neurocognitive development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 353-371.	3.1	103
1976	Oral microbiota and Alzheimer’s disease: Do all roads lead to Rome?. <i>Pharmacological Research</i> , 2020, 151, 104582.	3.1	79
1977	Higher frequency of vertebrate-infecting viruses in the gut of infants born to mothers with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 271-279.	1.2	10
1978	The Role of the Canine Gut Microbiome and Metabolome in Health and Gastrointestinal Disease. <i>Frontiers in Veterinary Science</i> , 2019, 6, 498.	0.9	215
1979	Maternal Dietary Fiber Composition during Gestation Induces Changes in Offspring Antioxidative Capacity, Inflammatory Response, and Gut Microbiota in a Sow Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 31.	1.8	56
1980	Characterizing the Composition of the Pediatric Gut Microbiome: A Systematic Review. <i>Nutrients</i> , 2020, 12, 16.	1.7	27

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1981	Investigating the demographic history of Japan using ancient oral microbiota. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190578.	1.8	19
1982	Human Respiratory and Gut Microbiomes—Do They Really Contribute to Respiratory Health?. <i>Frontiers in Pediatrics</i> , 2020, 8, 528.	0.9	11
1983	Long-Term Infectious Morbidity of Premature Infants: Is There a Critical Threshold?. <i>Journal of Clinical Medicine</i> , 2020, 9, 3008.	1.0	10
1984	Early development of the skin microbiome: therapeutic opportunities. <i>Pediatric Research</i> , 2021, 90, 731-737.	1.1	14
1985	Advances and novel developments in environmental influences on the development of atopic diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3077-3086.	2.7	35
1987	La nutrition des mille premiers jours: quels enjeux?. <i>Nutrition Clinique Et Metabolisme</i> , 2020, 34, 183-193.	0.2	1
1988	Determinants of Vaginal Microbiota Composition. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 467.	1.8	48
1989	Mode of delivery, order of birth, parental age gap and autism spectrum disorder among Malaysian children: A case-control study. <i>Heliyon</i> , 2020, 6, e05068.	1.4	5
1990	A pioneer calf foetus microbiome. <i>Scientific Reports</i> , 2020, 10, 17712.	1.6	34
1991	Integrative Review of Gut Microbiota and Expression of Symptoms Associated With Neonatal Abstinence Syndrome. <i>Nursing Research</i> , 2020, 69, S66-S78.	0.8	2
1992	The Gut Microbiota and Inflammation: An Overview. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7618.	1.2	296
1993	Individualizing pharmacogenomic test results in the context of the microbiome. <i>Personalized Medicine</i> , 2020, 17, 459-468.	0.8	1
1994	Delayed Establishment of Gut Microbiota in Infants Delivered by Cesarean Section. <i>Frontiers in Microbiology</i> , 2020, 11, 2099.	1.5	53
1995	Female Gut and Genital Tract Microbiota-Induced Crosstalk and Differential Effects of Short-Chain Fatty Acids on Immune Sequelae. <i>Frontiers in Immunology</i> , 2020, 11, 2184.	2.2	82
1996	Autism Spectrum Disorder Associated With Gut Microbiota at Immune, Metabolomic, and Neuroactive Level. <i>Frontiers in Neuroscience</i> , 2020, 14, 578666.	1.4	68
1997	Evaluation of the diagnostic value of gastric juice aspirate culture for early-onset sepsis in newborns 28–35 weeks' gestation. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115115.	0.8	3
1998	Midwifing the Perinatal Microbiome. <i>Journal of Perinatal and Neonatal Nursing</i> , 2020, 34, 191-194.	0.5	1
1999	The Role of Environmental Exposures in Atopic Dermatitis. <i>Current Allergy and Asthma Reports</i> , 2020, 20, 74.	2.4	36

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2001	Association of class number, cumulative exposure, and earlier initiation of antibiotics during the first two-years of life with subsequent childhood obesity. Metabolism: Clinical and Experimental, 2020, 112, 154348.	1.5	17
2002	Microbiota Supplementation with Bifidobacterium and Lactobacillus Modifies the Preterm Infant Gut Microbiota and Metabolome: An Observational Study. Cell Reports Medicine, 2020, 1, 100077.	3.3	119
2003	Metagenome analysis of gut microbial in both the caged and non-caged ducks. Journal of Physics: Conference Series, 2020, 1524, 012076.	0.3	0
2004	Gut microbiota maturation during early human life induces enterocyte proliferation via microbial metabolites. BMC Microbiology, 2020, 20, 205.	1.3	25
2005	The Impact of Childhood Growth Stunting and Post-Migration Dysbiosis on the Development of Metabolic Syndrome Among Indigenous Immigrant Mexican Women. Biological Research for Nursing, 2020, 22, 552-560.	1.0	2
2006	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. Cardiovascular Research, 2020, 116, 1820-1834.	1.8	51
2007	Gut ecosystem during infancy: The role of "œbiotics". Archivos Argentinos De Pediatria, 2020, 118, 278-285.	0.3	4
2008	Does entry to center-based childcare affect gut microbial colonization in young infants?. Scientific Reports, 2020, 10, 10235.	1.6	11
2009	Interplay between Human Intestinal Microbiota and Gut-to-Brain Axis: Relationship with Autism Spectrum Disorders. , 2020, , .		2
2010	Role of the gut microbiota in the pathogenesis of coeliac disease and potential therapeutic implications. European Journal of Nutrition, 2020, 59, 3369-3390.	1.8	42
2011	Early Life Inoculation With Adult-Derived Microbiota Accelerates Maturation of Intestinal Microbiota and Enhances NK Cell Activation in Broiler Chickens. Frontiers in Veterinary Science, 2020, 7, 584561.	0.9	22
2012	The inflammatory microenvironment and the urinary microbiome in the initiation and progression of bladder cancer. Genes and Diseases, 2021, 8, 781-797.	1.5	11
2013	Infant Skin Bacterial Communities Vary by Skin Site and Infant Age across Populations in Mexico and the United States. MSystems, 2020, 5, .	1.7	16
2014	Breastfeeding and Gut Microbiota. , 0, , .		0
2015	Perinatal environment shapes microbiota colonization and infant growth: impact on host response and intestinal function. Microbiome, 2020, 8, 167.	4.9	53
2016	Breastfeeding restored the gut microbiota in caesarean section infants and lowered the infection risk in early life. BMC Pediatrics, 2020, 20, 532.	0.7	17
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2019	Much More Than IL-17A: Cytokines of the IL-17 Family Between Microbiota and Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 565470.	2.2	63
2020	The Bifidogenic Effect Revisited—Ecology and Health Perspectives of Bifidobacterial Colonization in Early Life. <i>Microorganisms</i> , 2020, 8, 1855.	1.6	31
2021	Microbiota—Immune alterations in adolescents following early life adversity: A proof of concept study. <i>Developmental Psychobiology</i> , 2021, 63, 851-863.	0.9	17
2022	Oxygen and Metabolism: Digesting Determinants of Antibiotic Susceptibility in the Gut. <i>IScience</i> , 2020, 23, 101875.	1.9	1
2023	Unique maternal immune and functional microbial profiles during prenatal stress. <i>Scientific Reports</i> , 2020, 10, 20288.	1.6	26
2024	State-of-the-Art of the Nutritional Alternatives to the Use of Antibiotics in Humans and Monogastric Animals. <i>Animals</i> , 2020, 10, 2199.	1.0	18
2025	Delivery mode and gut microbial changes correlate with an increased risk of childhood asthma. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	92
2026	The role of the microbiota in human genetic adaptation. <i>Science</i> , 2020, 370, .	6.0	61
2027	Vaginal Microbiota Diversity of Patients with Embryonic Miscarriage by Using 16S rDNA High-Throughput Sequencing. <i>International Journal of Genomics</i> , 2020, 2020, 1-12.	0.8	14
2028	Family matters: skin microbiome reflects the social group and spatial proximity in wild zebra finches. <i>BMC Ecology</i> , 2020, 20, 58.	3.0	15
2029	Prenatal and perinatal risk factors for anxiety disorders among children and adolescents: A systematic review. <i>Journal of Affective Disorders</i> , 2020, 277, 85-93.	2.0	13
2030	Nutri-Epigenetics and Gut Microbiota: How Birth Care, Bonding and Breastfeeding Can Influence and Be Influenced?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5032.	1.8	15
2031	Diversity of Vaginal Microbiome in Pregnancy: Deciphering the Obscurity. <i>Frontiers in Public Health</i> , 2020, 8, 326.	1.3	57
2032	Crosstalk between the microbiota-gut-brain axis and depression. <i>Heliyon</i> , 2020, 6, e04097.	1.4	90
2033	Early Bacterial Colonization and Antibiotic Resistance Gene Acquisition in Newborns. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 332.	1.8	17
2034	Distinct Skin Microbiota Imbalance and Responses to Clinical Treatment in Children With Atopic Dermatitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 336.	1.8	10
2035	Elective cesarean delivery and long-term cardiovascular morbidity in the offspring — a population-based cohort analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-8.	0.7	5

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2037	Seven-Year Case-Control Study in California of Risk Factors for Infant Botulism. <i>Journal of Pediatrics</i> , 2020, 227, 258-267.e8.	0.9	10
2038	Promoting and Protecting the Gastrointestinal Newborn Microbiome Through Breastfeeding Practices. <i>Journal of Perinatal and Neonatal Nursing</i> , 2020, 34, 222-230.	0.5	2
2039	Pulmonary Innate Immune Response Determines the Outcome of Inflammation During Pneumonia and Sepsis-Associated Acute Lung Injury. <i>Frontiers in Immunology</i> , 2020, 11, 1722.	2.2	283
2040	Bacterial Vaginosis: Current Diagnostic Avenues and Future Opportunities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 354.	1.8	92
2041	Resveratrol Favors Adhesion and Biofilm Formation of <i>Lactocaseibacillus paracasei</i> subsp. <i>paracasei</i> Strain ATCC334. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5423.	1.8	15
2042	Evolving Technologies in Gastrointestinal Microbiome Era and Their Potential Clinical Applications. <i>Journal of Clinical Medicine</i> , 2020, 9, 2565.	1.0	7
2043	Vaginal Microbiome in Preterm Rupture of Membranes. <i>Obstetrics and Gynecology Clinics of North America</i> , 2020, 47, 503-521.	0.7	39
2044	Gut microbiota in Celiac Disease: microbes, metabolites, pathways and therapeutics. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 1075-1092.	1.3	21
2045	Spontaneous delivery is associated with increased endothelial activity in cord blood compared to elective cesarean section. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 251, 229-234.	0.5	3
2046	The Role of Microbiota in Neutrophil Regulation and Adaptation in Newborns. <i>Frontiers in Immunology</i> , 2020, 11, 568685.	2.2	14
2047	Host phylogeny and life history stage shape the gut microbiome in dwarf (<i>Kogia sima</i>) and pygmy (<i>Kogia</i>) Tj ETQq1_1_0.784314 rgBT / 1.6 5	1.6	5
2048	Multi-population cohort meta-analysis of human intestinal microbiota in early life reveals the existence of infant community state types (ICSTs). <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2480-2493.	1.9	19
2049	Can change in gut microbiota composition be used as a surrogate marker of treatment efficacy of ketogenic diet in patients with drug-resistant epilepsy?. <i>Epilepsy and Behavior</i> , 2020, 113, 107444.	0.9	5
2050	Elevation of markers of endotoxemia in women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2020, 35, 2303-2311.	0.4	12
2051	Association between cesarean delivery types and obesity in preadolescence. <i>International Journal of Obesity</i> , 2020, 44, 2023-2034.	1.6	17
2052	Recent advances in understanding the ecology of the lung microbiota and deciphering the gut-lung axis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L710-L716.	1.3	28
2053	Upper Respiratory Tract Microbiome and Otitis Media Intertalk: Lessons from the Literature. <i>Journal of Clinical Medicine</i> , 2020, 9, 2845.	1.0	11

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2055	The gut microbiome in pediatric patients undergoing allogeneic hematopoietic stem cell transplantation. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28711.	0.8	25
2056	7. Microbiota development in piglets. , 2020, , 179-205.		5
2057	Mothers of Preterm Infants Have Individualized Breast Milk Microbiota that Changes Temporally Based on Maternal Characteristics. <i>Cell Host and Microbe</i> , 2020, 28, 669-682.e4.	5.1	31
2058	Gut Microbiota and Dysbiosis in Alzheimer's Disease: Implications for Pathogenesis and Treatment. <i>Molecular Neurobiology</i> , 2020, 57, 5026-5043.	1.9	191
2059	Relationship between the Quality of Colostrum and the Formation of Microflora in the Digestive Tract of Calves. <i>Animals</i> , 2020, 10, 1293.	1.0	8
2060	Bovine Lactoferrin Supplementation Does Not Disrupt Microbiota Development in Preterm Infants Receiving Probiotics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 71, 216-222.	0.9	5
2061	Brain-gut-microbiome interactions in obesity and food addiction. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 655-672.	8.2	127
2062	Differences in Sweet Taste Perception and Its Association with the Streptococcus mutans Cariogenic Profile in Preschool Children with Caries. <i>Nutrients</i> , 2020, 12, 2592.	1.7	13
2063	Disease, Drugs and Dysbiosis: Understanding Microbial Signatures in Metabolic Disease and Medical Interventions. <i>Microorganisms</i> , 2020, 8, 1381.	1.6	9
2064	The Association Between Caesarean Section and Inflammatory Bowel Disease in Childhood and Young Adulthood. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 71, e84-e89.	0.9	2
2065	Altered Gut Microbiota and Shift in Bacteroidetes between Young Obese and Normal-Weight Korean Children: A Cross-Sectional Observational Study. <i>BioMed Research International</i> , 2020, 2020, 1-19.	0.9	22
2066	Type 2 Diabetes Mellitus Associated with Obesity (Diabesity). The Central Role of Gut Microbiota and Its Translational Applications. <i>Nutrients</i> , 2020, 12, 2749.	1.7	58
2067	Lactose-reduced infant formula with added corn syrup solids is associated with a distinct gut microbiota in Hispanic infants. <i>Gut Microbes</i> , 2020, 12, 1813534.	4.3	18
2068	Catching a glimpse of the bacterial gut community of companion animals: a canine and feline perspective. <i>Microbial Biotechnology</i> , 2020, 13, 1708-1732.	2.0	38
2069	Of men in mice: the development and application of a humanized gnotobiotic mouse model for microbiome therapeutics. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1383-1396.	3.2	87
2070	Maternal gut microbes shape the early-life assembly of gut microbiota in passerine chicks via nests. <i>Microbiome</i> , 2020, 8, 129.	4.9	40
2071	Skin Microbiome as Years Go By. <i>American Journal of Clinical Dermatology</i> , 2020, 21, 12-17.	3.3	38

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2073	Early Life Stress and the Development of the Infant Gut Microbiota: Implications for Mental Health and Neurocognitive Development. <i>Current Psychiatry Reports</i> , 2020, 22, 61.	2.1	17
2074	The Potential Effects of Probiotics and ω -3 Fatty Acids on Chronic Low-Grade Inflammation. <i>Nutrients</i> , 2020, 12, 2402.	1.7	46
2075	Delivery mode and future infectious morbidity of the offspring: a sibling analysis. <i>Archives of Gynecology and Obstetrics</i> , 2020, 302, 1135-1141.	0.8	7
2076	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , 2020, 159, 2130-2145.e5.	0.6	64
2077	Determinants of the Very Low-Birth-Weight Infant's Intestinal Microbiome. <i>Journal of Perinatal and Neonatal Nursing</i> , 2020, 34, 257-275.	0.5	4
2078	The gut mycobiota of rural and urban individuals is shaped by geography. <i>BMC Microbiology</i> , 2020, 20, 257.	1.3	26
2079	A good start in life is important—perinatal factors dictate early microbiota development and longer term maturation. <i>FEMS Microbiology Reviews</i> , 2020, 44, 763-781.	3.9	39
2080	The influence of the gut microbiome on obesity. <i>Journal of the American Association of Nurse Practitioners</i> , 2020, 32, 504-510.	0.5	1
2081	A hyperaccumulator plant <i>Sedum alfredii</i> recruits Cd/Zn-tolerant but not Pb-tolerant endospheric bacterial communities from its rhizospheric soil. <i>Plant and Soil</i> , 2020, 455, 257-270.	1.8	12
2082	Randomized study of antiseptic application technique in healthy volunteers before vascular access insertion (TApAS trial). <i>Journal of Infection</i> , 2020, 81, 532-539.	1.7	10
2083	Vaccine Interactions With the Infant Microbiome: Do They Define Health and Disease?. <i>Frontiers in Pediatrics</i> , 2020, 8, 565368.	0.9	11
2084	Maternal microbiome during pregnancy and their impact on the canine microbiome in neonates. <i>Veterinarska Stanica</i> , 2020, 51, 593-604.	0.1	1
2085	Colonization of Germ-Free Piglets with Mucinolytic and Non-Mucinolytic <i>Bifidobacterium boum</i> Strains Isolated from the Intestine of Wild Boar and Their Interference with <i>Salmonella Typhimurium</i> . <i>Microorganisms</i> , 2020, 8, 2002.	1.6	7
2086	Emerging Biomarkers for Prediction and Early Diagnosis of Necrotizing Enterocolitis in the Era of Metabolomics and Proteomics. <i>Frontiers in Pediatrics</i> , 2020, 8, 602255.	0.9	38
2087	Determinants of <i>Staphylococcus aureus</i> carriage in the developing infant nasal microbiome. <i>Genome Biology</i> , 2020, 21, 301.	3.8	11
2088	Vertical transmission of gut microbiota: Points of action of environmental factors influencing brain development. <i>Neuroscience Research</i> , 2021, 168, 83-94.	1.0	14
2089	Microbiome dysbiosis in lung cancer: from composition to therapy. <i>Npj Precision Oncology</i> , 2020, 4, 33.	2.3	59

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2090	Assessment of Safety and Probiotic Traits of <i>Enterococcus durans</i> OSY-EGY, Isolated From Egyptian Artisanal Cheese, Using Comparative Genomics and Phenotypic Analyses. <i>Frontiers in Microbiology</i> , 2020, 11, 608314.	1.5	25
2091	The Open Challenge of in vitro Modeling Complex and Multi-Microbial Communities in Three-Dimensional Niches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 539319.	2.0	5
2092	Microbial Colonization From the Fetus to Early Childhood—A Comprehensive Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 573735.	1.8	42
2093	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 43-110.	0.9	35
2094	The microbiome: Composition and locations. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 1-42.	0.9	23
2095	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	1.8	65
2096	The Influence of Breastfeeding, Cesarean Section, Pet Animals, and Urbanization on the Development of Inflammatory Bowel Disease: Data from the Swiss IBD Cohort Study. <i>Inflammatory Intestinal Diseases</i> , 2020, 5, 170-179.	0.8	3
2097	Diet Influences the Oral Microbiota of Infants during the First Six Months of Life. <i>Nutrients</i> , 2020, 12, 3400.	1.7	25
2098	<i>Staphylococcus epidermidis</i> and <i>Cutibacterium acnes</i> : Two Major Sentinels of Skin Microbiota and the Influence of Cosmetics. <i>Microorganisms</i> , 2020, 8, 1752.	1.6	94
2099	Impact of Microbiota: A Paradigm for Evolving Herd Immunity against Viral Diseases. <i>Viruses</i> , 2020, 12, 1150.	1.5	7
2101	Airway Microbiota as a Modulator of Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3044.	1.8	35
2102	The gut microbiome but not the resistome is associated with urogenital schistosomiasis in preschool-aged children. <i>Communications Biology</i> , 2020, 3, 155.	2.0	33
2103	Caesarean delivery is associated with higher risk of overweight in the offspring: within-family analysis in the SUN cohort. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, jech-2019-213724.	2.0	3
2104	Dysregulated Mucosal Immunity and Associated Pathogeneses in Preterm Neonates. <i>Frontiers in Immunology</i> , 2020, 11, 899.	2.2	21
2105	Is there a dysbiosis in individuals with a neurodevelopmental disorder compared to controls over the course of development? A systematic review. <i>European Child and Adolescent Psychiatry</i> , 2020, 30, 1671-1694.	2.8	13
2106	The role of the microbiome in the neurobiology of social behaviour. <i>Biological Reviews</i> , 2020, 95, 1131-1166.	4.7	72
2107	Immunological consequences of extramedullary erythropoiesis: immunoregulatory functions of CD71 ⁺ erythroid cells. <i>Haematologica</i> , 2020, 105, 1478-1483.	1.7	24
2108	An individualized mosaic of maternal microbial strains is transmitted to the infant gut microbial community. <i>Royal Society Open Science</i> , 2020, 7, 192200.	1.1	24

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2109	Caesarean Section Delivery and Risk of Poor Childhood Growth. <i>Journal of Nutrition and Metabolism</i> , 2020, 2020, 1-12.	0.7	9
2110	Perinatal microbiota: review of its importance in newborn health. <i>Archivos Argentinos De Pediatria</i> , 2020, 118, e265-e270.	0.3	3
2111	Analysis of immune, microbiota and metabolome maturation in infants in a clinical trial of <i>Lactobacillus paracasei</i> CBAÅL74-fermented formula. <i>Nature Communications</i> , 2020, 11, 2703.	5.8	45
2112	New Insights into Molecular Links Between Microbiota and Gastrointestinal Cancers: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3212.	1.8	23
2113	Distinct Gut Microbiota and Metabolite Profiles Induced by Different Feeding Methods in Healthy Chinese Infants. <i>Frontiers in Microbiology</i> , 2020, 11, 714.	1.5	39
2114	Fecal Volatile Organic Compound Profiles are Not Influenced by Gestational Age and Mode of Delivery: A Longitudinal Multicenter Cohort Study. <i>Biosensors</i> , 2020, 10, 50.	2.3	8
2115	Season of Birth Impacts the Neonatal Nasopharyngeal Microbiota. <i>Children</i> , 2020, 7, 45.	0.6	10
2116	Duodenal bacterial load as determined by quantitative polymerase chain reaction in asymptomatic controls, functional gastrointestinal disorders and inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 155-167.	1.9	28
2117	Indonesian children fecal microbiome from birth until weaning was different from microbiomes of their mothers. <i>Gut Microbes</i> , 2020, 12, 1761240.	4.3	16
2118	Comparing Gut Microbiome in Mothers's Own Breast Milk- and Formula-Fed Moderate-Late Preterm Infants. <i>Frontiers in Microbiology</i> , 2020, 11, 891.	1.5	29
2119	Interaction between microbiota and immunity in health and disease. <i>Cell Research</i> , 2020, 30, 492-506.	5.7	1,724
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2122	The Role of the Microbiome in Food Allergy: A Review. <i>Children</i> , 2020, 7, 50.	0.6	37
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2178	Nutrients and Microbiota in Lung Diseases of Prematurity: The Placenta-Gut-Lung Triangle. <i>Nutrients</i> , 2020, 12, 469.	1.7	33
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2181	Gut microbiota in ulcerative colitis: insights on pathogenesis and treatment. <i>Journal of Digestive Diseases</i> , 2020, 21, 147-159.	0.7	129

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2184	Effects of diet on skin sensitization by nickel, poison ivy, and sesquiterpene lactones. <i>Food and Chemical Toxicology</i> , 2020, 137, 111137.	1.8	5
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2198	Oral microbiome: possible harbinger for childrenâ€™s health. <i>International Journal of Oral Science</i> , 2020, 12, 12.	3.6	105
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2238	Dietary pattern, colonic microbiota and immunometabolism interaction: new frontiers for diabetes mellitus and related disorders. <i>Diabetic Medicine</i> , 2021, 38, e14415.	1.2	34
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2251	The microbial origins of food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 808-813.	1.5	38
2252	Probiotic intervention as a potential therapeutic for managing gestational disorders and improving pregnancy outcomes. <i>Journal of Reproductive Immunology</i> , 2021, 143, 103244.	0.8	24
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2255	Diet Alters Micronutrient Pathways in the Gut and Placenta that Regulate Fetal Growth and Development in Pregnant Mice. <i>Reproductive Sciences</i> , 2021, 28, 447-461.	1.1	5
2256	Early life microbial exposures and allergy risks: opportunities for prevention. <i>Nature Reviews Immunology</i> , 2021, 21, 177-191.	10.6	146
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2259	Emerging Role of Microbiota in Precision Nutrition Approaches. , 2021, , 220-220.		1
2260	COVID-19 and the neonatal microbiome: will the pandemic cost infants their microbes?. <i>Gut Microbes</i> , 2021, 13, 1-7.	4.3	18
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2268	Gut Microbiota and Antibiotics: Dysbiosis and Antimicrobial Resistance. , 2022, , 374-386.		0
2269	Role of the Microbiome in Pancreatic Cancer. , 2021, , 267-285.		0
2270	Dynamic progression of the calf's microbiome and its influence on host health. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 989-1001.	1.9	31
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