

# Michael J Barratt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8997406/publications.pdf>

Version: 2024-02-01

28  
papers

3,765  
citations

430874

18  
h-index

526287

27  
g-index

45  
all docs

45  
docs citations

45  
times ranked

4875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent gut microbiota immaturity in malnourished Bangladeshi children. <i>Nature</i> , 2014, 510, 417-421.	27.8	1,019
2	Gut bacteria that prevent growth impairments transmitted by microbiota from malnourished children. <i>Science</i> , 2016, 351, .	12.6	580
3	Sialylated Milk Oligosaccharides Promote Microbiota-Dependent Growth in Models of Infant Undernutrition. <i>Cell</i> , 2016, 164, 859-871.	28.9	497
4	Effects of microbiota-directed foods in gnotobiotic animals and undernourished children. <i>Science</i> , 2019, 365, .	12.6	305
5	The effects of micronutrient deficiencies on bacterial species from the human gut microbiota. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	190
6	Childhood undernutrition, the gut microbiota, and microbiota-directed therapeutics. <i>Science</i> , 2016, 352, 1533-1533.	12.6	183
7	A Microbiota-Directed Food Intervention for Undernourished Children. <i>New England Journal of Medicine</i> , 2021, 384, 1517-1528.	27.0	145
8	A sparse covarying unit that describes healthy and impaired human gut microbiota development. <i>Science</i> , 2019, 365, .	12.6	136
9	Duodenal Microbiota in Stunted Undernourished Children with Enteropathy. <i>New England Journal of Medicine</i> , 2020, 383, 321-333.	27.0	105
10	The Gut Microbiota, Food Science, and Human Nutrition: A Timely Marriage. <i>Cell Host and Microbe</i> , 2017, 22, 134-141.	11.0	87
11	Evaluating microbiome-directed fibre snacks in gnotobiotic mice and humans. <i>Nature</i> , 2021, 595, 91-95.	27.8	70
12	<i>Bifidobacterium infantis</i> treatment promotes weight gain in Bangladeshi infants with severe acute malnutrition. <i>Science Translational Medicine</i> , 2022, 14, eabk1107.	12.4	61
13	Mechanisms by which sialylated milk oligosaccharides impact bone biology in a gnotobiotic mouse model of infant undernutrition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11988-11996.	7.1	55
14	Bangladesh Environmental Enteric Dysfunction (BEED) study: protocol for a community-based intervention study to validate non-invasive biomarkers of environmental enteric dysfunction. <i>BMJ Open</i> , 2017, 7, e017768.	1.9	47
15	Combined Prebiotic and Microbial Intervention Improves Oral Cholera Vaccination Responses in a Mouse Model of Childhood Undernutrition. <i>Cell Host and Microbe</i> , 2020, 27, 899-908.e5.	11.0	38
16	Diarrhea as a Potential Cause and Consequence of Reduced Gut Microbial Diversity Among Undernourished Children in Peru. <i>Clinical Infectious Diseases</i> , 2020, 71, 989-999.	5.8	35
17	Food and microbiota in the FDA regulatory framework. <i>Science</i> , 2017, 357, 39-40.	12.6	28
18	Microbial liberation of N-methylserotonin from orange fiber in gnotobiotic mice and humans. <i>Cell</i> , 2022, 185, 2495-2509.e11.	28.9	26

#	ARTICLE	IF	CITATIONS
19	Study of Environmental Enteropathy and Malnutrition (SEEM) in Pakistan: protocols for biopsy based biomarker discovery and validation. BMC Pediatrics, 2019, 19, 247.	1.7	22
20	Proof-of-concept study of the efficacy of a microbiota-directed complementary food formulation (MDCF) for treating moderate acute malnutrition. BMC Public Health, 2020, 20, 242.	2.9	20
21	Human Milk Oligosaccharide Compositions Illustrate Global Variations in Early Nutrition. Journal of Nutrition, 2022, 152, 1239-1253.	2.9	19
22	Gut microbiome contributions to altered metabolism in a pig model of undernutrition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
23	Products of gut microbial Toll/interleukin-1 receptor domain NADase activities in gnotobiotic mice and Bangladeshi children with malnutrition. Cell Reports, 2022, 39, 110738.	6.4	13
24	An approach for evaluating the effects of dietary fiber polysaccharides on the human gut microbiome and plasma proteome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2123411119.	7.1	12
25	Gut microbiome development and childhood undernutrition. Cell Host and Microbe, 2022, 30, 617-626.	11.0	9
26	Melding microbiome and nutritional science with early child development. Nature Medicine, 2021, 27, 1503-1506.	30.7	5
27	Developing shelf-stable Microbiota Directed Complementary Food (MDCF) prototypes for malnourished children: study protocol for a randomized, single-blinded, clinical study. BMC Pediatrics, 2022, 22, .	1.7	2
28	Business Development Strategies in the Repositioning Industry. , 2012, , 433-444.		0