Mikiyasu Sakanaka

List of Publications by Year
in descending order

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Version: 2024-02-01

22

papers

1,098

citations

623734

14

h-index

713466

21

g-index

25

all docs

25

docs citations

25

times ranked

965

citing authors

#	Article	IF	Citations
1	Evolution of milk oligosaccharides: Origin and selectivity of the ratio of milk oligosaccharides to lactose among mammals. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130012.	2.4	19
2	Ecological and molecular perspectives on responders and non-responders to probiotics and prebiotics. Current Opinion in Biotechnology, 2022, 73, 108-120.	6.6	15
3	Diversification of a Fucosyllactose Transporter within the Genus <i>Bifidobacterium</i>. Applied and Environmental Microbiology, 2022, 88, AEM0143721.	3.1	18
4	Priority effects shape the structure of infant-type <i>Bifidobacterium</i> communities on human milk oligosaccharides. ISME Journal, 2022, 16, 2265-2279.	9.8	34
5	Next-generation prebiotic promotes selective growth of bifidobacteria, suppressing <i>Clostridioides difficile</i>. Gut Microbes, 2021, 13, 1973835.	9.8	18
6	Bifidobacterium response to lactulose ingestion in the gut relies on a solute-binding protein-dependent ABC transporter. Communications Biology, 2021, 4, 541.	4.4	11
7	Bifidobacterium species associated with breastfeeding produce aromatic lactic acids in the infant gut. Nature Microbiology, 2021, 6, 1367-1382.	13.3	176
8	Varied Pathways of Infant Gut-Associated Bifidobacterium to Assimilate Human Milk Oligosaccharides: Prevalence of the Gene Set and Its Correlation with Bifidobacteria-Rich Microbiota Formation. Nutrients, 2020, 12, 71.	4.1	127
9	Application of Recombinase-Based In Vivo Expression Technology to Bifidobacterium longum subsp. longum for Identification of Genes Induced in the Gastrointestinal Tract of Mice. Microorganisms, 2020, 8, 410.	3.6	6
10	Butyrate producing colonic Clostridiales metabolise human milk oligosaccharides and cross feed on mucin via conserved pathways. Nature Communications, 2020, 11, 3285.	12.8	102
11	Enzymatic Adaptation of Bifidobacterium bifidum to Host Glycans, Viewed from Glycoside Hydrolyases and Carbohydrate-Binding Modules. Microorganisms, 2020, 8, 481.	3.6	41
12	è«¸å–å›½ã§å§‹ã¾ã£ãŸä¹³å…ç”¨è‚²è£½ç²‰ä¹³ã¸ã®2â€²-ãƒ•ã‚³ã‚·ãƒ«ãƒ©ã‚¯ãƒˆãƒ¼ã‚¹æ·»åŠ â€”ã•ã®ç§'å¦çš„èƒŒæ™¯ã¨ç¾çŠ¶â€". Kag		
13	Evolutionary adaptation in fucosyllactose uptake systems supports bifidobacteria-infant symbiosis. Science Advances, 2019, 5, eaaw7696.	10.3	120
14	Sharing of human milk oligosaccharides degradants within bifidobacterial communities in faecal cultures supplemented with Bifidobacterium bifidum. Scientific Reports, 2018, 8, 13958.	3.3	121
15	A Transposon Mutagenesis System for Bifidobacterium longum subsp. longum Based on an IS 3 Family Insertion Sequence, IS Blo11. Applied and Environmental Microbiology, 2018, 84, .	3.1	14
16	Molecular Insight into Evolution of Symbiosis between Breast-Fed Infants and a Member of the Human Gut Microbiome Bifidobacterium longum. Cell Chemical Biology, 2017, 24, 515-524.e5.	5.2	102
17	Use of Gifu Anaerobic Medium for culturing 32 dominant species of human gut microbes and its evaluation based on short-chain fatty acids fermentation profiles. Bioscience, Biotechnology and Biochemistry, 2017, 81, 2009-2017.	1.3	50
18	Isolation and transposition properties of ISBlo11, an active insertion sequence belonging to the IS3 family, from Bifidobacterium longum 105-A. FEMS Microbiology Letters, 2015, 362, .	1.8	6

#	Article	IF	Citations
19	Complete Genome Sequence of Bifidobacterium longum 105-A, a Strain with High Transformation Efficiency. Genome Announcements, 2014, 2, .	0.8	16
20	Functional analysis of bifidobacterial promoters in Bifidobacterium longum and Escherichia coli using the Î±-galactosidase gene as a reporter. Journal of Bioscience and Bioengineering, 2014, 118, 489-495.	2.2	16
21	Development of a Double-Crossover Markerless Gene Deletion System in Bifidobacterium longum: Functional Analysis of the Î±-Galactosidase Gene for Raffinose Assimilation. Applied and Environmental Microbiology, 2012, 78, 4984-4994.	3.1	59
22	Technological Advances in Bifidobacterial Molecular Genetics: Application to Functional Genomics and Medical Treatments. Bioscience of Microbiota, Food and Health, 2012, 31, 15-25.	1.8	8