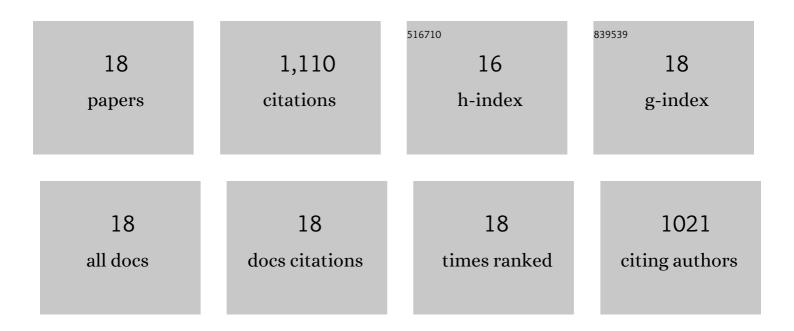
Takane Katayama

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9100807/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An oral cancer vaccine using a Bifidobacterium vector suppresses tumor growth in a syngeneic mouse bladder cancer model. Molecular Therapy - Oncolytics, 2021, 22, 592-603.	4.4	8
2	Bifidobacterium species associated with breastfeeding produce aromatic lactic acids in the infant gut. Nature Microbiology, 2021, 6, 1367-1382.	13.3	176
3	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
4	Butyrate producing colonic Clostridiales metabolise human milk oligosaccharides and cross feed on mucin via conserved pathways. Nature Communications, 2020, 11, 3285.	12.8	102
5	Enzymatic Adaptation of Bifidobacterium bifidum to Host Glycans, Viewed from Glycoside Hydrolyases and Carbohydrate-Binding Modules. Microorganisms, 2020, 8, 481.	3.6	41
6	Evolutionary adaptation in fucosyllactose uptake systems supports bifidobacteria-infant symbiosis. Science Advances, 2019, 5, eaaw7696.	10.3	120
7	Minority species influences microbiota formation: the role of <i>Bifidobacterium</i> with extracellular glycosidases in bifidus flora formation in breastfed infant guts. Microbial Biotechnology, 2019, 12, 259-264.	4.2	15
8	Generation of a Mutant Mucor hiemalis Endoglycosidase That Acts on Core-fucosylated N-Glycans. Journal of Biological Chemistry, 2016, 291, 23305-23317.	3.4	21
9	Introduction of H-antigens into oligosaccharides and sugar chains of glycoproteins using highly efficient 1,2-α-l-fucosynthase. Glycobiology, 2016, 26, 1235-1247.	2.5	31
10	Host-derived glycans serve as selected nutrients for the gut microbe: human milk oligosaccharides and bifidobacteriaâ€. Bioscience, Biotechnology and Biochemistry, 2016, 80, 621-632.	1.3	75
11	Tracing microbiota changes in <i>yamahai</i> - <i>moto</i> , the traditional Japanese sake starter. Bioscience, Biotechnology and Biochemistry, 2016, 80, 399-406.	1.3	56
12	α-N-Acetylglucosaminidase from Bifidobacterium bifidum specifically hydrolyzes α-linked N-acetylglucosamine at nonreducing terminus of O-glycan on gastric mucin. Applied Microbiology and Biotechnology, 2015, 99, 3941-3948.	3.6	25
13	A β1â€6/β1â€3 galactosidase from B ifidobacterium animalis subsp. lactis †B lâ€04 gives insight into subâ€specificities of βâ€galactoside catabolism within B ifidobacterium. Molecular Microbiology, 2014, 94, 1024-1040.	2.5	35
14	Distinct substrate specificities of three glycoside hydrolase family 42 Â-galactosidases from Bifidobacterium longum subsp. infantis ATCC 15697. Glycobiology, 2014, 24, 208-216.	2.5	40
15	Lacto-N-biosidase Encoded by a Novel Gene of Bifidobacterium longum Subspecies longum Shows Unique Substrate Specificity and Requires a Designated Chaperone for Its Active Expression. Journal of Biological Chemistry, 2013, 288, 25194-25206.	3.4	83
16	Bifidobacterial α-galactosidase with unique carbohydrate-binding module specifically acts on blood group B antigen. Glycobiology, 2013, 23, 232-240.	2.5	28
17	Crystal Structures of a Glycoside Hydrolase Family 20 Lacto-N-biosidase from Bifidobacterium bifidum. Journal of Biological Chemistry, 2013, 288, 11795-11806.	3.4	53
18	1,3-1,4-α-l-Fucosynthase That Specifically Introduces Lewis a/x Antigens into Type-1/2 Chains. Journal of Biological Chemistry, 2012, 287, 16709-16719.	3.4	74