

# Kenji Fukuda

## List of Publications by Year in descending order

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43  
papers

976  
citations

430874

18  
h-index

454955

30  
g-index

45  
all docs

45  
docs citations

45  
times ranked

956  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Predominance of Type I Oligosaccharides Is a Feature Specific to Human Breast Milk. <i>Advances in Nutrition</i> , 2012, 3, 473S-482S.	6.4	169
2	Changes in the bovine whey proteome during the early lactation period. <i>Animal Science Journal</i> , 2011, 82, 698-706.	1.4	62
3	Chemical characterization of oligosaccharides in chimpanzee, bonobo, gorilla, orangutan, and siamang milk or colostrum. <i>Glycobiology</i> , 2009, 19, 499-508.	2.5	56
4	Effects of carbohydrate source on physicochemical properties of the exopolysaccharide produced by <i>Lactobacillus fermentum</i> TDS030603 in a chemically defined medium. <i>Carbohydrate Polymers</i> , 2010, 79, 1040-1045.	10.2	49
5	Chemical characterization of oligosaccharides in the milk of six species of New and Old world monkeys. <i>Glycoconjugate Journal</i> , 2010, 27, 703-715.	2.7	40
6	Structural determination of the oligosaccharides in the milk of an Asian elephant ( <i>Elephas maximus</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2006, 145, 468-478.	1.8	36
7	Characterization and Expression Analysis of the Exopolysaccharide Gene Cluster in <i>Lactobacillus fermentum</i> TDS030603. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2656-2664.	1.3	30
8	Structure determination of the exopolysaccharide of <i>Lactobacillus fermentum</i> TDS030603: A revision. <i>Carbohydrate Research</i> , 2013, 378, 84-90.	2.3	29
9	Isolation of Potential Probiotic <i>Lactobacillus rhamnosus</i> Strains from Traditional Fermented Mare Milk Produced in Sumbawa Island of Indonesia. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1897-1903.	1.3	28
10	Structural characterization of neutral and acidic oligosaccharides in the milks of strepsirrhine primates: greater galago, aye-aye, Coquerel's sifaka and mongoose lemur. <i>Glycoconjugate Journal</i> , 2012, 29, 119-134.	2.7	24
11	Can an ancestral condition for milk oligosaccharides be determined? Evidence from the Tasmanian echidna ( <i>Tachyglossus aculeatus setosus</i> ). <i>Glycobiology</i> , 2014, 24, 826-839.	2.5	23
12	Chemical characterization of milk oligosaccharides of a spotted hyena ( <i>Crocuta crocuta</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 152, 158-161.	1.8	22
13	Studies on a Neutral Exopolysaccharide of <i>Lactobacillus fermentum</i> TDS030603. <i>Journal of Applied Glycoscience</i> (1999), 2007, 54, 223-229.	0.7	21
14	Purification and Characterization of a Novel Exo-1,3-1,6-glucanase from the Fruiting Body of the Edible Mushroom <i>Enoki</i> ( <i>Flammulina velutipes</i> ). <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 3107-3113.	1.3	21
15	Chemical characterization of milk oligosaccharides of the koala ( <i>Phascolarctos cinereus</i> ). <i>Glycoconjugate Journal</i> , 2013, 30, 801-811.	2.7	21
16	4-O-Acetyl-sialic acid (Neu4,5Ac2) in acidic milk oligosaccharides of the platypus ( <i>Ornithorhynchus</i> )	2.5	21
17	Chemical characterization of acidic oligosaccharides in milk of the red kangaroo ( <i>Macropus rufus</i> ). <i>Glycoconjugate Journal</i> , 2012, 29, 147-156.	2.7	20
18	Chemical structures of oligosaccharides in milk of the raccoon ( <i>Procyon lotor</i> ). <i>Glycoconjugate Journal</i> , 2018, 35, 275-286.	2.7	20

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19	<i>In vitro</i> safety assessments and antimicrobial activities of <i>Lactobacillus rhamnosus</i> strains isolated from a fermented mare's milk. <i>Animal Science Journal</i> , 2017, 88, 517-525.	1.4	19
20	Rheological characteristics and supramolecular structure of the exopolysaccharide produced by <i>Lactobacillus fermentum</i> MTCC 25067. <i>Carbohydrate Polymers</i> , 2019, 218, 226-233.	10.2	19
21	Evolution of milk oligosaccharides: Origin and selectivity of the ratio of milk oligosaccharides to lactose among mammals. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130012.	2.4	19
22	Chemical characterization of the oligosaccharides in Bryde's whale ( <i>Balaenoptera edeni</i> ) and Sei whale ( <i>Balaenoptera borealis lesson</i> ) milk. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 146, 153-159.	1.6	18
23	Chemical characterization of milk oligosaccharides of an African lion ( <i>Panthera leo</i> ) and a clouded leopard ( <i>Neofelis nebulosa</i> ). <i>Animal Science Journal</i> , 2010, 81, 687-693.	1.4	18
24	Chemical characterization of milk oligosaccharides of the common brushtail possum ( <i>Trichosurus</i> )	2.7	18
25	Chemical characterization of milk oligosaccharides of the eastern quoll ( <i>Dasyurus viverrinus</i> ). <i>Glycoconjugate Journal</i> , 2015, 32, 361-370.	2.7	15
26	Neutral and acidic milk oligosaccharides of the striped skunk ( <i>Mephitis mephitis</i> )	1.4	14
27	Enhancement of Exopolysaccharide Production of <i>Lactobacillus fermentum</i> TDS030603 by Modifying Culture Conditions. <i>Bioscience of Microbiota, Food and Health</i> , 2014, 33, 85-90.	1.8	13
28	Human Milk Oligosaccharides and Innate Immunity. , 2021, , 389-439.		13
29	Chemical characterization of the milk oligosaccharides of some Artiodactyla species including giraffe ( <i>Capra camelopardalis</i> ), sitatunga ( <i>Tragelaphus spekii</i> ), deer ( <i>Cervus nippon yesoensis</i> ) and water buffalo ( <i>Bubalus bubalis</i> ). <i>Glycoconjugate Journal</i> , 2018, 35, 561-574.	2.7	12
30	Exploring Potential Bioactive Peptides in Fermented Bactrian Camel's Milk and Mare's Milk Made by Mongolian Nomads. <i>Foods</i> , 2020, 9, 1817.	4.3	12
31	Structural determination of the oligosaccharides in the milk of a giant anteater ( <i>Myrmecophaga</i> )	1.4	11
32	Complete Genome Sequence of <i>Lactobacillus fermentum</i> MTCC 25067 (Formerly TDS030603), a Viscous Exopolysaccharide-Producing Strain Isolated from Indian Fermented Milk. <i>Genome Announcements</i> , 2017, 5, .	0.8	11
33	Chemical characterization of milk oligosaccharides of the common wombat ( <i>Vombatus</i> )	1.4	10
34	Chemical structures of oligosaccharides in milks of the American black bear ( <i>Ursus americanus</i> )	2.7	8
35	Chemical characterization of milk oligosaccharides of the tiger quoll ( <i>Dasyurus maculatus</i> ), a marsupial. <i>Glycoconjugate Journal</i> , 2016, 33, 797-807.	2.7	7
36	Anchorless cell surface proteins function as laminin-binding adhesins in <i>Lactobacillus rhamnosus</i> FSMM22. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	7

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37	Chemical characterization of milk oligosaccharides of the island flying fox ( <i>Pteropus hypomelanus</i> ) (Chiroptera: Pteropodidae). <i>Animal Science Journal</i> , 2011, 82, 782-786.	1.4	6
38	Effects of prebiotic oligosaccharides consumption on the growth and expression profile of cell surface-associated proteins of a potential probiotic <i>Lactobacillus rhamnosus</i> FSMM15. <i>Bioscience of Microbiota, Food and Health</i> , 2016, 35, 41-49.	1.8	6
39	Is it feasible to control pathogen infection by competitive binding of probiotics to the host?. <i>Virulence</i> , 2017, 8, 1502-1505.	4.4	6
40	Factors affecting decreasing viscosity of the culture medium during the stationary growth phase of exopolysaccharide-producing <i>Lactobacillus fermentum</i> MTCC 25067. <i>Bioscience of Microbiota, Food and Health</i> , 2020, 39, 160-168.	1.8	5
41	[Review] Advanced Studies of the Biological Functions of Milk Oligosaccharides (2). <i>Bulletin of Applied Glycoscience</i> , 2018, 8, 145-154.	0.0	1
42	[Review] Advanced Studies of the Biological Functions of Milk Oligosaccharides (3). <i>Bulletin of Applied Glycoscience</i> , 2018, 8, 155-163.	0.0	1
43	[Review] Advanced Studies of the Biological Functions of Milk Oligosaccharides (4). <i>Bulletin of Applied Glycoscience</i> , 2019, 9, 254-265.	0.0	0