

# Yoshimasa Sagane

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

695

citations

16

h-index

23

g-index

82

ext. papers

754

ext. citations

2.6

avg, IF

3.19

L-index

#	Paper	IF	Citations
82	Development of Dry Sausage that Utilizes the Food Physico-chemical Characteristics of Emu Tendon Meat. <i>Journal of the Japanese Society for Food Science and Technology</i> , <b>2021</b> , 68, 447-454	0.2	0
81	Airfreight data from Memanbetsu airport correlated to fish and scallop catch in okhotsk subprefecture, Hokkaido, Japan. <i>Data in Brief</i> , <b>2020</b> , 31, 106006	1.2	
80	Data on the correlations among brand value, market capitalization, and consolidated overseas sales ratios of Japanese companies. <i>Data in Brief</i> , <b>2019</b> , 23, 103808	1.2	1
79	Free Amino Acids in Potato ( <i>Solanum tuberosum</i> ) May Cause Egumi-Taste in Food Products. <i>Potato Research</i> , <b>2019</b> , 62, 305-314	3.2	4
78	Atomic force microscopic image data of botulinum neurotoxin complexes with different molecular sizes. <i>Data in Brief</i> , <b>2019</b> , 25, 104193	1.2	
77	Data on the number of passengers using buses in Abashiri city, Hokkaido, from 2013 to 2018. <i>Data in Brief</i> , <b>2019</b> , 26, 104512	1.2	1
76	Fibroblast and keratinocyte gene expression following exposure to the extracts of holy basil plant ( <i>), malabar nut plant (), and emblic myrobalan plant ().</i> <i>Data in Brief</i> , <b>2018</b> , 17, 24-46	1.2	3
75	Antioxidant activities of traditional plants in Sri Lanka by DPPH free radical-scavenging assay. <i>Data in Brief</i> , <b>2018</b> , 17, 870-875	1.2	15
74	Data on color and chemical composition of dried scallop ( <i>) produced in different areas of Hokkaido, Japan.</i> <i>Data in Brief</i> , <b>2018</b> , 16, 635-638	1.2	1
73	Data on free amino acid contents in Japanese basket clams ( <i>) from Lake Abashiri and Abashirigawa River.</i> <i>Data in Brief</i> , <b>2018</b> , 16, 639-643	1.2	0
72	Data on a single oral dose of camu camu ( <i>) pericarp extract on flow-mediated vasodilation and blood pressure in young adult humans.</i> <i>Data in Brief</i> , <b>2018</b> , 16, 993-999	1.2	3
71	Fibroblast and keratinocyte gene expression following exposure to extracts of neem plant ( <i>).</i> <i>Data in Brief</i> , <b>2018</b> , 16, 982-992	1.2	4
70	Emu Oil Reduces LPS-Induced Production of Nitric Oxide and TNF- $\alpha$ but not Phagocytosis in RAW 264 Macrophages. <i>Journal of Oleo Science</i> , <b>2018</b> , 67, 471-477	1.6	3
69	Data describing the flow-mediated vasodilation responses and blood pressure in young adult humans after a single dose of oral edible emu oil. <i>Data in Brief</i> , <b>2018</b> , 17, 631-637	1.2	
68	Mining online activity data to understand food consumption behavior: A case of Asian fish sauce among Japanese consumers. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 791-799	3.2	5
67	Effect of traditional plants in Sri Lanka on skin keratinocyte count. <i>Data in Brief</i> , <b>2018</b> , 18, 727-730	1.2	1
66	Chemical properties and colors of fermenting materials in salmon fish sauce production. <i>Data in Brief</i> , <b>2018</b> , 16, 483-488	1.2	4

65	Clustering of commercial fish sauce products based on an e-panel technique. <i>Data in Brief</i> , <b>2018</b> , 16, 515-520	5
64	Data on volatile compounds in fermented materials used for salmon fish sauce production. <i>Data in Brief</i> , <b>2018</b> , 16, 154-156	1.2 1
63	Data on the inhibitory effect of traditional plants from Sri Lanka against tyrosinase and collagenase. <i>Data in Brief</i> , <b>2018</b> , 20, 573-576	1.2 7
62	Data on volatile compounds produced by serotype D. <i>Data in Brief</i> , <b>2018</b> , 19, 393-397	1.2
61	Effect of traditional plants in Sri Lanka on skin fibroblast cell number. <i>Data in Brief</i> , <b>2018</b> , 19, 611-615	1.2 1
60	Building-block architecture of botulinum toxin complex: Conformational changes provide insights into the hemagglutination ability of the complex. <i>Biochemistry and Biophysics Reports</i> , <b>2017</b> , 9, 67-71	2.2 1
59	Data on the weights, specific gravities and chemical compositions of potato () tubers for food processing from different areas of Hokkaido, Japan. <i>Data in Brief</i> , <b>2017</b> , 11, 601-605	1.2 5
58	Data on the sensory evaluation of potatoes () from different areas of Hokkaido, Japan, performed by untrained young adults. <i>Data in Brief</i> , <b>2017</b> , 15, 397-400	1.2 1
57	Data on the chemical properties of commercial fish sauce products. <i>Data in Brief</i> , <b>2017</b> , 15, 658-664	1.2 6
56	Reversible Association of the Hemagglutinin Subcomplex, HA-33/HA-17 Trimer, with the Botulinum Toxin Complex. <i>Protein Journal</i> , <b>2017</b> , 36, 417-424	3.9 1
55	Data on spatiotemporal patterns of the foundation of Japanese companies in China from 1980-2016. <i>Data in Brief</i> , <b>2017</b> , 15, 1006-1014	1.2 1
54	Data on people's interests related to entry into the Chinese market based on Internet activity corresponding to real-world statistical data in the period 2004-2015 in Japan. <i>Data in Brief</i> , <b>2017</b> , 15, 1015-1018	1.2
53	Safety data on single application of emu and macadamia nut oil on human skin. <i>Data in Brief</i> , <b>2017</b> , 15, 720-723	1.2 2
52	Construction of "Toxin Complex" in a Mutant Serotype C Strain of Clostridium botulinum Harboring a Defective Neurotoxin Gene. <i>Current Microbiology</i> , <b>2017</b> , 74, 49-54	2.4
51	Isolation of botulinolysin, a thiol-activated hemolysin, from serotype D Clostridium botulinum: A species-specific gene duplication in Clostridia. <i>Microbiological Research</i> , <b>2016</b> , 193, 20-29	5.3 0
50	"Non-Toxic" Proteins of the Botulinum Toxin Complex Exert In-vivo Toxicity. <i>Scientific Reports</i> , <b>2016</b> , 6, 31043	4.9 9
49	Conformational divergence in the HA-33/HA-17 trimer of serotype C and D botulinum toxin complex. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 476, 280-285	3.4 3
48	Data on melanin production in B16F1 melanoma cells in the presence of emu oil. <i>Data in Brief</i> , <b>2016</b> , 9, 1056-1059	1.2 3

47	Data describing inhibitory profiles of sugars against hemagglutination by the botulinum toxin complex of serotypes C and D. <i>Data in Brief</i> , <b>2016</b> , 9, 413-416	1.2	
46	Hemagglutinin gene shuffling among <i>Clostridium botulinum</i> serotypes C and D yields distinct sugar recognition of the botulinum toxin complex. <i>Pathogens and Disease</i> , <b>2015</b> , 73,	4.2	4
45	Host-cell specificity and transcytosis of nontoxic nonhemagglutinin protein of botulinum neurotoxin serotype D. <i>FEMS Microbiology Letters</i> , <b>2014</b> , 357, 115-22	2.9	3
44	Crystallization and preliminary X-ray analysis of a novel haemagglutinin component of the toxin complex of serotype C <i>Clostridium botulinum</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , <b>2014</b> , 70, 370-3	1.1	1
43	Identification of the interaction region between hemagglutinin components of the botulinum toxin complex. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 65, 284-8	7.9	1
42	Purification, crystallization and preliminary X-ray analysis of an HA17-HA70 (HA2-HA3) complex from <i>Clostridium botulinum</i> type C progenitor toxin. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , <b>2014</b> , 70, 64-7	1.1	2
41	Random phage display-based screening of peptides that bind to botulinum neurotoxin binding protein, nontoxic nonhemagglutinin. <i>Current Microbiology</i> , <b>2013</b> , 67, 188-92	2.4	3
40	Transport of the botulinum neurotoxin-associating protein, nontoxic nonhemagglutinin, across the rat small intestinal epithelial cell monolayer. <i>FEMS Microbiology Letters</i> , <b>2013</b> , 346, 73-80	2.9	4
39	Sugar-induced conformational change found in the HA-33/HA-17 trimer of the botulinum toxin complex. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 438, 483-7	3.4	7
38	Botulinum toxin complex increases paracellular permeability in intestinal epithelial cells via activation of p38 mitogen-activated protein kinase. <i>Journal of Veterinary Medical Science</i> , <b>2013</b> , 75, 1637-42	1.1	2
37	Research on the Food Flavor and Tastes. <i>Journal of Japan Association on Odor Environment</i> , <b>2013</b> , 44, 298-306	0	
36	Toxic and nontoxic components of botulinum neurotoxin complex are evolved from a common ancestral zinc protein. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 419, 500-4	3.4	9
35	Small-angle X-ray scattering reveals structural dynamics of the botulinum neurotoxin associating protein, nontoxic nonhemagglutinin. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 425, 256-60	3.4	11
34	The evolving proteome of a complex extracellular matrix, the Oikopleura house. <i>PLoS ONE</i> , <b>2012</b> , 7, e40172	3.7	19
33	Botulinum Toxin Complex: A Delivery Vehicle of Botulinum Neurotoxin Traveling Digestive Tract <b>2012</b> ,		1
32	Crystallization and preliminary X-ray analysis of the <i>Clostridium botulinum</i> type D nontoxic nonhaemagglutinin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2012</b> , 68, 227-30		1
31	Purification and characterization of nontoxic protein complex from serotype D 4947 botulinum toxin complex. <i>Protein Journal</i> , <b>2012</b> , 31, 387-92	3.9	3
30	Isolation of a Novel Viscous Protein from the Egg Mass of Japanese Sandfish (<i>Arctoscopus japonicus</i>). <i>Food Preservation Science</i> , <b>2012</b> , 38, 73-78		

29	HA-33 facilitates transport of the serotype D botulinum toxin across a rat intestinal epithelial cell monolayer. <i>FEMS Immunology and Medical Microbiology</i> , <b>2011</b> , 61, 323-31		40
28	Cytoskeleton-mediated templating of complex cellulose-scaffolded extracellular structure and its association with oikosins in the urochordate <i>Oikopleura</i> . <i>Cellular and Molecular Life Sciences</i> , <b>2011</b> , 68, 1611-22	10.3	8
27	Large-scale production of phospholipase D from <i>Streptomyces racemochromogenes</i> and its application to soybean lecithin modification. <i>Applied Biochemistry and Biotechnology</i> , <b>2011</b> , 165, 1494-506	3.2	20
26	Functional specialization of cellulose synthase genes of prokaryotic origin in chordate larvaceans. <i>Development (Cambridge)</i> , <b>2010</b> , 137, 1483-92	6.6	47
25	Identification of actinomycetes producing phospholipase d with high transphosphatidylolation activity. <i>Current Microbiology</i> , <b>2010</b> , 60, 365-72	2.4	7
24	Purification, biochemical characterization, and cloning of phospholipase D from <i>Streptomyces racemochromogenes</i> strain 10-3. <i>Protein Journal</i> , <b>2010</b> , 29, 598-608	3.9	13
23	Isolation and characterization of actinomycetes strains that produce phospholipase D having high transphosphatidylolation activity. <i>Microbiological Research</i> , <b>2009</b> , 164, 43-8	5.3	17
22	Four molecules of the 33 kDa haemagglutinin component of the <i>Clostridium botulinum</i> serotype C and D toxin complexes are required to aggregate erythrocytes. <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 3847-3858	2.9	15
21	Molecular characterization of maize acetylcholinesterase: a novel enzyme family in the plant kingdom. <i>Plant Physiology</i> , <b>2005</b> , 138, 1359-71	6.6	58
20	Characterization of the interaction between subunits of the botulinum toxin complex produced by serotype D through tryptic susceptibility of the isolated components and complex forms. <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 1475-1483	2.9	23
19	Characterization of a novel acid phosphatase from embryonic axes of kidney bean exhibiting vanadate-dependent chloroperoxidase activity. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 37477-84	5.4	24
18	Characterization of toxin complex produced by a unique strain of <i>Clostridium botulinum</i> serotype D 4947. <i>Protein Journal</i> , <b>2004</b> , 23, 371-8	3.9	25
17	Autolysis of <i>Porphyromonas gingivalis</i> is accompanied by an increase in several periodontal pathogenic factors in the supernatant. <i>Microbiology and Immunology</i> , <b>2004</b> , 48, 541-5	2.7	7
16	Identification of <i>Salicornia</i> Populations : Comparison between Morphological Characterization and RAPD Fingerprinting. <i>Plant Production Science</i> , <b>2003</b> , 6, 287-294	2.4	5
15	Molecular characterization of GroES and GroEL homologues from <i>Clostridium botulinum</i> . <i>The Protein Journal</i> , <b>2003</b> , 22, 99-108		9
14	Complete subunit structure of the <i>Clostridium botulinum</i> type D toxin complex via intermediate assembly with nontoxic components. <i>Biochemistry</i> , <b>2003</b> , 42, 10991-7	3.2	32
13	In vitro reconstitution of the <i>Clostridium botulinum</i> type D progenitor toxin. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 2650-6	5.4	50
12	Spontaneous nicking in the nontoxic-nonhemagglutinin component of the <i>Clostridium botulinum</i> toxin complex. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 292, 434-40	3.4	22

11	Characterization and reconstitution of functional hemagglutinin of the Clostridium botulinum type C progenitor toxin. <i>FEBS Journal</i> , <b>2001</b> , 268, 4019-26	23
10	Role of C-terminal region of HA-33 component of botulinum toxin in hemagglutination. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 288, 650-7	3-4 24
9	Characterization of nicking of the nontoxic-nonhemagglutinin components of Clostridium botulinum types C and D progenitor toxin. <i>The Protein Journal</i> , <b>2000</b> , 19, 575-81	13
8	Purification and Characterization of Phospholipase D from Cabbage Leaves.. <i>Food Science and Technology Research</i> , <b>2000</b> , 6, 29-33	0.8 5
7	Signal peptide sequence processing site of purple acid phosphatase from kidney bean ( <i>Phaseolus vulgaris</i> L. Ohfuku) seeds.. <i>Seibutsu Butsuri Kagaku</i> , <b>2000</b> , 44, 139-143	1
6	Isolation of the components of progenitor toxin produced by Clostridium botulinum type C strain Stockholm.. <i>Seibutsu Butsuri Kagaku</i> , <b>2000</b> , 44, 27-34	1
5	Molecular composition of progenitor toxin produced by Clostridium botulinum type C strain 6813. <i>The Protein Journal</i> , <b>1999</b> , 18, 753-60	18
4	Dichain structure of botulinum neurotoxin: identification of cleavage sites in types C, D, and F neurotoxin molecules. <i>The Protein Journal</i> , <b>1999</b> , 18, 885-92	23
3	Transphosphatidylase capacity of phospholipase D from cabbage ( <i>Brassica oleracea</i> L. var. capitata L.) leaves and <i>Streptomyces chromofuscus</i> . <i>Food Preservation Science</i> , <b>1999</b> , 25, 229-237	
2	Primary structure of phospholipase D purified from cabbage leaves.. <i>Seibutsu Butsuri Kagaku</i> , <b>1999</b> , 43, 159-164	2
1	Purification and primary structure of phospholipase D from cabbage.. <i>Seibutsu Butsuri Kagaku</i> , <b>1999</b> , 43, 31-38	1