

# Shin-ichi Makino

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

493  
citations

686830

13  
h-index

676716

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Gene Expression Patterns in <i>Clostridium thermocellum</i> as Determined by Microarray Analysis of Chemostat Cultures on Cellulose or Cellobiose. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1243-1253.	1.4	75
2	Mutations in FLS2 Ser-938 Dissect Signaling Activation in FLS2-Mediated Arabidopsis Immunity. <i>PLoS Pathogens</i> , 2013, 9, e1003313.	2.1	57
3	Chapter 37 Cell-Free Translation of Integral Membrane Proteins into Unilamellar Liposomes. <i>Methods in Enzymology</i> , 2009, 463, 647-673.	0.4	43
4	The Center for Eukaryotic Structural Genomics. <i>Journal of Structural and Functional Genomics</i> , 2009, 10, 165-179.	1.2	33
5	Glomerulosclerosis Induced by Deficiency of Membrane-Associated Guanylate Kinase Inverted 2 in Kidney Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2654-2669.	3.0	29
6	Folding-Dependent <i>In Vitro</i> Protein Splicing of the <i>Saccharomyces cerevisiae</i> VMA1 Protozyme. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 827-832.	1.0	26
7	Hydrogen exchange during cell-free incorporation of deuterated amino acids and an approach to its inhibition. <i>Journal of Biomolecular NMR</i> , 2011, 51, 467-476.	1.6	26
8	Application of the wheat-germ cell-free translation system to produce high temperature requirement A3 (HtrA3) proteases. <i>BioTechniques</i> , 2012, 52, 23-28.	0.8	21
9	Cell-free production of integral membrane aspartic acid proteases reveals zinc-dependent methyltransferase activity of the <i>Pseudomonas aeruginosa</i> prepilin peptidase PilD. <i>MicrobiologyOpen</i> , 2013, 2, 94-104.	1.2	21
10	Second transmembrane segment of FtsH plays a role in its proteolytic activity and homo-oligomerization. <i>FEBS Letters</i> , 1999, 460, 554-558.	1.3	16
11	A cell-free method for expressing and reconstituting membrane proteins enables functional characterization of the plant receptor-like protein kinase FERONIA. <i>Journal of Biological Chemistry</i> , 2017, 292, 5932-5942.	1.6	16
12	GATC Methylation by Dam methylase in archaea: its roles and possible transcription regulation by an FFRP. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2005, 81, 278-290.	1.6	15
13	MAGI-2 orchestrates the localization of backbone proteins in the slit diaphragm of podocytes. <i>Kidney International</i> , 2021, 99, 382-395.	2.6	15
14	Dynamin 1 is important for microtubule organization and stabilization in glomerular podocytes. <i>FASEB Journal</i> , 2020, 34, 16449-16463.	0.2	14
15	Structural and Functional Characterization of CalS11, a TDP-Rhamnose $3\text{-O}$ -Methyltransferase Involved in Calicheamicin Biosynthesis. <i>ACS Chemical Biology</i> , 2013, 8, 1632-1639.	1.6	12
16	Expression platforms for producing eukaryotic proteins: a comparison of <i>E. coli</i> cell-based and wheat germ cell-free synthesis, affinity and solubility tags, and cloning strategies. <i>Journal of Structural and Functional Genomics</i> , 2015, 16, 67-80.	1.2	12
17	Impairment of Proteasome Function in Podocytes Leads to CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 597-613.	3.0	11
18	Covalent circularization of exogenous RNA during incubation with a wheat embryo cell extract. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 1080-1087.	1.0	10

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19	Prophages inserted in archaeobacterial genomes. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 166-171.	1.6	9
20	Cell-free translation and purification of Arabidopsis thaliana regulator of G signaling 1 protein. Protein Expression and Purification, 2016, 126, 33-41.	0.6	8
21	Visual presentation of complete genomic DNA sequences, and its application to identification of gene-coding regions. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1999, 75, 311-316.	1.6	4
22	Structural architecture of <i>Galdieria sulphuraria</i> DCN1L. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1329-1336.	1.5	4
23	Direct injection of cell-free Kir1.1 protein into Xenopus oocytes replicates single-channel currents derived from Kir1.1 mRNA. Channels, 2015, 9, 196-199.	1.5	4
24	In vitro dissection revealed that the kinase domain of wheat RNA ligase is physically isolatable from the flanking domains as a non-overlapping domain enzyme. Biochemical and Biophysical Research Communications, 2010, 397, 762-766.	1.0	3
25	Suppressor of cytokine signalling 3 (SOCS3) expressed in podocytes attenuates glomerulonephritis and suppresses autoantibody production in an imiquimod-induced lupus model. Lupus Science and Medicine, 2021, 8, e000426.	1.1	3
26	Alport syndrome: A case study of chronic type A aortic dissection. Journal of Cardiac Surgery, 2022, 37, 2134-2137.	0.3	3
27	A rare case of nephrotic syndrome associated with Dent's disease: a case report. CEN Case Reports, 2020, 9, 380-384.	0.5	2
28	Renal Hyperperfusion Injury After Percutaneous Angioplasty for Renovascular Hypertension as a Sequela of Neuroblastoma. JACC: Case Reports, 2021, 3, 1211-1215.	0.3	1
29	Use of domain enzymes from wheat RNA ligase for in vitro preparation of RNA molecules. Biochemical and Biophysical Research Communications, 2011, 404, 1050-1054.	1.0	0