

# Yasuo Tsunaka

## List of Publications by Year in descending order

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24  
papers

975  
citations

566801

15  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated molecular mechanism directing nucleosome reorganization by human FACT. <i>Genes and Development</i> , 2016, 30, 673-686.	2.7	132
2	Alteration of the nucleosomal DNA path in the crystal structure of a human nucleosome core particle. <i>Nucleic Acids Research</i> , 2005, 33, 3424-3434.	6.5	127
3	Laser Irradiated Growth of Protein Crystal. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L798-L800.	0.8	124
4	Structural basis for channelling mechanism of a fatty acid $\beta$ -oxidation multienzyme complex. <i>EMBO Journal</i> , 2004, 23, 2745-2754.	3.5	101
5	Visualization of Intrinsically Disordered Regions of Proteins by High-Speed Atomic Force Microscopy. <i>ChemPhysChem</i> , 2008, 9, 1859-1866.	1.0	95
6	Cleavage of a DNA-RNA-DNA/DNA chimeric substrate containing a single ribonucleotide at the DNA-RNA junction with prokaryotic RNases HII. <i>FEBS Letters</i> , 2002, 531, 204-208.	1.3	60
7	Phosphorylated Intrinsically Disordered Region of FACT Masks Its Nucleosomal DNA Binding Elements. <i>Journal of Biological Chemistry</i> , 2009, 284, 24610-24621.	1.6	50
8	Structural visualization of key steps in nucleosome reorganization by human FACT. <i>Scientific Reports</i> , 2019, 9, 10183.	1.6	42
9	Catalysis by <i>Escherichia coli</i> Ribonuclease HI Is Facilitated by a Phosphate Group of the Substrate. <i>Biochemistry</i> , 2000, 39, 13939-13944.	1.2	34
10	Identification of Single Mn <sup>2+</sup> Binding Sites Required for Activation of the Mutant Proteins of <i>E. coli</i> RNase HI at Glu48 and/or Asp134 by X-ray Crystallography. <i>Journal of Molecular Biology</i> , 2005, 345, 1171-1183.	2.0	34
11	Acetylated histone H4 tail enhances histone H3 tail acetylation by altering their mutual dynamics in the nucleosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19661-19663.	3.3	31
12	Phosphorylation-Coupled Intramolecular Dynamics of Unstructured Regions in Chromatin Remodeler FACT. <i>Biophysical Journal</i> , 2013, 104, 2222-2234.	0.2	26
13	Dispensability of Glutamic Acid 48 and Aspartic Acid 134 for Mn <sup>2+</sup> -Dependent Activity of <i>Escherichia coli</i> Ribonuclease HI. <i>Biochemistry</i> , 2003, 42, 3366-3374.	1.2	21
14	Solution structure of the HMG-box domain in the SSRP1 subunit of FACT. <i>Journal of Biomolecular NMR</i> , 2005, 32, 83-88.	1.6	19
15	Construction and characterization of Cy3- or Cy5-conjugated hairpin pyrrole-imidazole polyamides binding to DNA in the nucleosome. <i>Biomaterials Science</i> , 2014, 2, 297-307.	2.6	19
16	The N-terminal Tails of Histones H2A and H2B Adopt Two Distinct Conformations in the Nucleosome with Contact and Reduced Contact to DNA. <i>Journal of Molecular Biology</i> , 2021, 433, 167110.	2.0	16
17	Partial Replacement of Nucleosomal DNA with Human FACT Induces Dynamic Exposure and Acetylation of Histone H3 N-Terminal Tails. <i>IScience</i> , 2020, 23, 101641.	1.9	15
18	Histone tail network and modulation in a nucleosome. <i>Current Opinion in Structural Biology</i> , 2022, 75, 102436.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Significance of a histone-like protein with its native structure for the diagnosis of asymptomatic tuberculosis. PLoS ONE, 2018, 13, e0204160.	1.1	5
20	Characteristic H3 N-tail dynamics in the nucleosome core particle, nucleosome, and chromatosome. IScience, 2022, 25, 103937.	1.9	5
21	Strong nucleic acid binding to the Escherichia coli RNase HI mutant with two arginine residues at the active site. BBA - Proteins and Proteomics, 2001, 1547, 135-142.	2.1	4
22	Efficient cleavage of RNA at high temperatures by a thermostable DNA-linked ribonuclease H. Protein Engineering, Design and Selection, 2000, 13, 881-886.	1.0	3
23	Site-specific cleavage of MS2 RNA by a thermostable DNA-linked RNase H. Protein Engineering, Design and Selection, 2002, 15, 683-688.	1.0	3
24	FACT Creates a Transiently Accessible Nucleosome Structure Through Integrated Reorganization Mechanism. Biochemistry & Molecular Biology Journal, 2016, 02, .	0.3	1