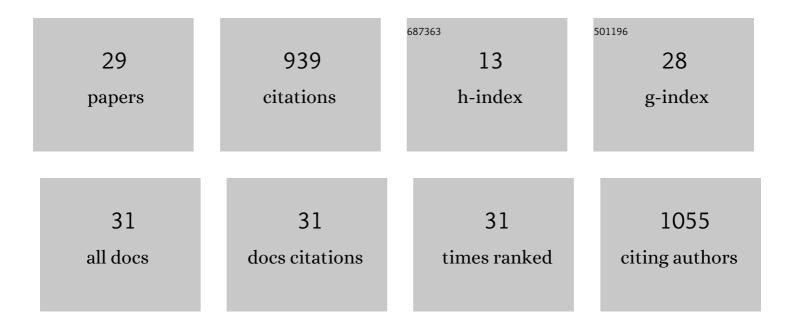
## Tomoya Kujirai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/261933/publications.pdf Version: 2024-02-01



Τομογλ Κιμιρλι

#	Article	IF	CITATIONS
1	Unusual nucleosome formation and transcriptome influence by the histone H3mm18 variant. Nucleic Acids Research, 2022, 50, 72-91.	14.5	7
2	Structural and biochemical analyses of the nucleosome containing <i>Komagataella pastoris</i> histones. Journal of Biochemistry, 2022, 172, 79-88.	1.7	11
3	Contributions of Histone Variants in Nucleosome Structure and Function. Journal of Molecular Biology, 2021, 433, 166678.	4.2	49
4	Inactivation Mechanism of an Innate Immune DNA Sensor cGAS by Self-chromatinized DNA. Seibutsu Butsuri, 2021, 61, 324-326.	0.1	0
5	H4K20me1 and H3K27me3 are concurrently loaded onto the inactive X chromosome but dispensable for inducing gene silencing. EMBO Reports, 2021, 22, e51989.	4.5	40
6	Histone variant H2A.B-H2B dimers are spontaneously exchanged with canonical H2A-H2B in the nucleosome. Communications Biology, 2021, 4, 191.	4.4	17
7	Cryo-EM structure of the nucleosome core particle containing <i>Giardia lamblia</i> histones. Nucleic Acids Research, 2021, 49, 8934-8946.	14.5	20
8	Organoruthenium-catalyzed chemical protein synthesis to elucidate the functions of epigenetic modifications on heterochromatin factors. Chemical Science, 2021, 12, 5926-5937.	7.4	10
9	Biochemical and structural analyses of the nucleosome containing human histone H2A.J. Journal of Biochemistry, 2020, 167, 419-427.	1.7	6
10	Transcription through the nucleosome. Current Opinion in Structural Biology, 2020, 61, 42-49.	5.7	68
11	Acetylation-modulated communication between the H3 N-terminal tail domain and the intrinsically disordered H1 C-terminal domain. Nucleic Acids Research, 2020, 48, 11510-11520.	14.5	12
12	Structural basis for the inhibition of cGAS by nucleosomes. Science, 2020, 370, 455-458.	12.6	149
13	The Nâ€ŧerminal and Câ€ŧerminal halves of histone H2A.Z independently function in nucleosome positioning and stability. Genes To Cells, 2020, 25, 538-546.	1.2	10
14	Synthetic hyperacetylation of nucleosomal histones. RSC Chemical Biology, 2020, 1, 56-59.	4.1	12
15	Biochemical analysis of nucleosome targeting by Tn5 transposase. Open Biology, 2019, 9, 190116.	3.6	14
16	Incorporation and influence of <i>Leishmania</i> histone H3 in chromatin. Nucleic Acids Research, 2019, 47, 11637-11648.	14.5	18
17	Structure-based design of an H2A.Z.1 mutant stabilizing a nucleosome inÂvitro and inÂvivo. Biochemical and Biophysical Research Communications, 2019, 515, 719-724.	2.1	8
18	Biochemical characterization of the placeholder nucleosome for DNA hypomethylation maintenance. Biochemistry and Biophysics Reports, 2019, 18, 100634.	1.3	3

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19	Structural insight into nucleosome transcription by RNA polymerase II with elongation factors. Science, 2019, 363, 744-747.	12.6	126
20	Structure determination of the nucleosome core particle by selenium SAD phasing. Acta Crystallographica Section D: Structural Biology, 2019, 75, 930-936.	2.3	1
21	Structural basis of the nucleosome transition during RNA polymerase II passage. Science, 2018, 362, 595-598.	12.6	157
22	Methods for Preparing Nucleosomes Containing Histone Variants. Methods in Molecular Biology, 2018, 1832, 3-20.	0.9	47
23	Identification of the amino acid residues responsible for stable nucleosome formation by histone H3.Y. Nucleus, 2017, 8, 239-248.	2.2	10
24	Crystal Structure and Characterization of Novel Human Histone H3 Variants, H3.6, H3.7, and H3.8. Biochemistry, 2017, 56, 2184-2196.	2.5	20
25	Influence of polynucleosome preparation methods on sedimentation velocity analysis of chromatin. Journal of Biochemistry, 2017, 161, 381-388.	1.7	5
26	InÂvitro reconstitution and biochemical analyses of the Schizosaccharomyces pombe nucleosome. Biochemical and Biophysical Research Communications, 2017, 482, 896-901.	2.1	10
27	Structure and function of human histone H3.Y nucleosome. Nucleic Acids Research, 2016, 44, 6127-6141.	14.5	44
28	A Genetically Encoded Probe for Live-Cell Imaging of H4K20 Monomethylation. Journal of Molecular Biology, 2016, 428, 3885-3902.	4.2	52
29	Solution structure of variant H2A.Z.1 nucleosome investigated by small-angle X-ray and neutron scatterings. Biochemistry and Biophysics Reports, 2015, 4, 28-32.	1.3	10