

# Krzysztof Ginalski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1215309/publications.pdf>

Version: 2024-02-01

39  
papers

2,337  
citations

331259

21  
h-index

288905

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleotide-resolution DNA double-strand break mapping by next-generation sequencing. <i>Nature Methods</i> , 2013, 10, 361-365.	9.0	409
2	Comprehensive Mapping of Histone Modifications at DNA Double-Strand Breaks Deciphers Repair Pathway Chromatin Signatures. <i>Molecular Cell</i> , 2018, 72, 250-262.e6.	4.5	232
3	Genome-wide mapping of long-range contacts unveils clustering of DNA double-strand breaks at damaged active genes. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 353-361.	3.6	221
4	Fungal lifestyle reflected in serine protease repertoire. <i>Scientific Reports</i> , 2017, 7, 9147.	1.6	120
5	Topoisomerase 1 prevents replication stress at R-loop-enriched transcription termination sites. <i>Nature Communications</i> , 2020, 11, 3940.	5.8	105
6	A specialized histone H1 variant is required for adaptive responses to complex abiotic stress and related DNA methylation in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015, 169, pp.00493.2015.	2.3	101
7	Strategies for Achieving High Sequencing Accuracy for Low Diversity Samples and Avoiding Sample Bleeding Using Illumina Platform. <i>PLoS ONE</i> , 2015, 10, e0120520.	1.1	98
8	The Histone Deacetylases Sir2 and Rpd3 Act on Ribosomal DNA to Control the Replication Program in Budding Yeast. <i>Molecular Cell</i> , 2014, 54, 691-697.	4.5	95
9	Comprehensive classification of the PIN domain-like superfamily. <i>Nucleic Acids Research</i> , 2017, 45, 6995-7020.	6.5	78
10	Cut-and-Paste Transposons in Fungi with Diverse Lifestyles. <i>Genome Biology and Evolution</i> , 2017, 9, 3463-3477.	1.1	77
11	FAM46 proteins are novel eukaryotic non-canonical poly(A) polymerases. <i>Nucleic Acids Research</i> , 2016, 44, 3534-3548.	6.5	60
12	Transposable elements contribute to fungal genes and impact fungal lifestyle. <i>Scientific Reports</i> , 2019, 9, 4307.	1.6	59
13	Unfolding the mechanism of the AAA+ unfoldase VAT by a combined cryo-EM, solution NMR study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4190-9.	3.3	55
14	Dbf4 recruitment by forkhead transcription factors defines an upstream rate-limiting step in determining origin firing timing. <i>Genes and Development</i> , 2017, 31, 2405-2415.	2.7	53
15	MRX Increases Chromatin Accessibility at Stalled Replication Forks to Promote Nascent DNA Resection and Cohesin Loading. <i>Molecular Cell</i> , 2020, 77, 395-410.e3.	4.5	49
16	Mec1 Is Activated at the Onset of Normal S Phase by Low-dNTP Pools Impeding DNA Replication. <i>Molecular Cell</i> , 2020, 78, 396-410.e4.	4.5	48
17	Comparative genomic analysis of <i>Staphylococcus lugdunensis</i> shows a closed pan-genome and multiple barriers to horizontal gene transfer. <i>BMC Genomics</i> , 2018, 19, 621.	1.2	42
18	qDSB-Seq is a general method for genome-wide quantification of DNA double-strand breaks using sequencing. <i>Nature Communications</i> , 2019, 10, 2313.	5.8	40

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19	i-BLESS is an ultra-sensitive method for detection of DNA double-strand breaks. <i>Communications Biology</i> , 2018, 1, 181.	2.0	37
20	Overactive BRCA1 Affects Presenilin 1 in Induced Pluripotent Stem Cell-Derived Neurons in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 175-202.	1.2	36
21	Histone H1 Variants in Arabidopsis Are Subject to Numerous Post-Translational Modifications, Both Conserved and Previously Unknown in Histones, Suggesting Complex Functions of H1 in Plants. <i>PLoS ONE</i> , 2016, 11, e0147908.	1.1	36
22	Phylogeny-Based Systematization of Arabidopsis Proteins with Histone H1 Globular Domain. <i>Plant Physiology</i> , 2017, 174, 27-34.	2.3	28
23	Predicting double-strand DNA breaks using epigenome marks or DNA at kilobase resolution. <i>Genome Biology</i> , 2018, 19, 34.	3.8	26
24	Hypermethylation of TRIM59 and KLF14 Influences Cell Death Signaling in Familial Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	23
25	Systematic classification of the His-Me finger superfamily. <i>Nucleic Acids Research</i> , 2017, 45, 11479-11494.	6.5	22
26	Exome scale map of genetic alterations promoting metastasis in colorectal cancer. <i>BMC Genetics</i> , 2018, 19, 85.	2.7	22
27	Classification, substrate specificity and structural features of D-2-hydroxyacid dehydrogenases: 2HADH knowledgebase. <i>BMC Evolutionary Biology</i> , 2018, 18, 199.	3.2	21
28	Probabilistic Approach to Predicting Substrate Specificity of Methyltransferases. <i>PLoS Computational Biology</i> , 2014, 10, e1003514.	1.5	19
29	Predicting proteome dynamics using gene expression data. <i>Scientific Reports</i> , 2018, 8, 13866.	1.6	19
30	Ssb1 and Ssb2 cooperate to regulate mouse hematopoietic stem and progenitor cells by resolving replicative stress. <i>Blood</i> , 2017, 129, 2479-2492.	0.6	18
31	A heterozygous mutation in GOT1 is associated with familial macro-aspartate aminotransferase. <i>Journal of Hepatology</i> , 2017, 67, 1026-1030.	1.8	18
32	A Role for the Mre11-Rad50-Xrs2 Complex in Gene Expression and Chromosome Organization. <i>Molecular Cell</i> , 2021, 81, 183-197.e6.	4.5	15
33	Towards Engineering Novel PE-Based Immunotoxins by Targeting Them to the Nucleus. <i>Toxins</i> , 2016, 8, 321.	1.5	12
34	Structural, Biochemical, and Evolutionary Characterizations of Glyoxylate/Hydroxypyruvate Reductases Show Their Division into Two Distinct Subfamilies. <i>Biochemistry</i> , 2018, 57, 963-977.	1.2	12
35	Poly-Saturated Dolichols from Filamentous Fungi Modulate Activity of Dolichol-Dependent Glycosyltransferase and Physical Properties of Membranes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3043.	1.8	8
36	Biochemical and structural bioinformatics studies of fungal CutA nucleotidyltransferases explain their unusual specificity toward CTP and increased tendency for cytidine incorporation at the 3'-terminal positions of synthesized tails. <i>Rna</i> , 2017, 23, 1902-1926.	1.6	7

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37	Diverse cap-binding properties of Drosophila eIF4E isoforms. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1292-1303.	1.1	4
38	Recombinant immunotoxin targeting GPC3 is cytotoxic to H466 small cell lung cancer cells. <i>Oncology Letters</i> , 2021, 21, 222.	0.8	4
39	High-resolution, ultrasensitive and quantitative DNA double-strand break labeling in eukaryotic cells using i-BLESS. <i>Nature Protocols</i> , 2021, 16, 1034-1061.	5.5	3