

# Giordano Liberi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8693824/publications.pdf>

Version: 2024-02-01

35  
papers

4,565  
citations

257450

24  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3549  
citing authors

#	ARTICLE	IF	CITATIONS
1	The DNA replication checkpoint response stabilizes stalled replication forks. <i>Nature</i> , 2001, 412, 557-561.	27.8	693
2	DNA end resection, homologous recombination and DNA damage checkpoint activation require CDK1. <i>Nature</i> , 2004, 431, 1011-1017.	27.8	641
3	Srs2 and Sgs1 Top3 Suppress Crossovers during Double-Strand Break Repair in Yeast. <i>Cell</i> , 2003, 115, 401-411.	28.9	539
4	Activation of Rad53 kinase in response to DNA damage and its effect in modulating phosphorylation of the lagging strand DNA polymerase. <i>EMBO Journal</i> , 1999, 18, 6561-6572.	7.8	354
5	Recovery from Checkpoint-Mediated Arrest after Repair of a Double-Strand Break Requires Srs2 Helicase. <i>Molecular Cell</i> , 2002, 10, 373-385.	9.7	310
6	Rad51-dependent DNA structures accumulate at damaged replication forks in sgs1 mutants defective in the yeast ortholog of BLM RecQ helicase. <i>Genes and Development</i> , 2005, 19, 339-350.	5.9	287
7	Ubc9- and Mms21-Mediated Sumoylation Counteracts Recombinogenic Events at Damaged Replication Forks. <i>Cell</i> , 2006, 127, 509-522.	28.9	266
8	Senataxin Associates with Replication Forks to Protect Fork Integrity across RNA-Polymerase-II-Transcribed Genes. <i>Cell</i> , 2012, 151, 835-846.	28.9	204
9	Unique pattern of ET-743 activity in different cellular systems with defined deficiencies in DNA-repair pathways. <i>International Journal of Cancer</i> , 2001, 92, 583-588.	5.1	155
10	Checkpoint-mediated control of replisome fork association and signalling in response to replication pausing. <i>Oncogene</i> , 2004, 23, 1206-1213.	5.9	147
11	DNA damage checkpoints and DNA replication controls in <i>Saccharomyces cerevisiae</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 451, 187-196.	1.0	110
12	Branch Migrating Sister Chromatid Junctions Form at Replication Origins through Rad51/Rad52-Independent Mechanisms. <i>Molecular Cell</i> , 2003, 12, 1499-1510.	9.7	107
13	Role of homologous recombination in trabectedin-induced DNA damage. <i>European Journal of Cancer</i> , 2008, 44, 609-618.	2.8	95
14	SRS2 and SGS1 prevent chromosomal breaks and stabilize triplet repeats by restraining recombination. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 159-167.	8.2	89
15	Srs2 and Sgs1 DNA Helicases Associate with Mre11 in Different Subcomplexes following Checkpoint Activation and CDK1-Mediated Srs2 Phosphorylation. <i>Molecular and Cellular Biology</i> , 2005, 25, 5738-5751.	2.3	80
16	Cdk1 Targets Srs2 to Complete Synthesis-Dependent Strand Annealing and to Promote Recombinational Repair. <i>PLoS Genetics</i> , 2010, 6, e1000858.	3.5	70
17	The Human F-Box DNA Helicase FBH1 Faces <i>Saccharomyces cerevisiae</i> Srs2 and Postreplication Repair Pathway Roles. <i>Molecular and Cellular Biology</i> , 2007, 27, 7439-7450.	2.3	53
18	Regulation of DNA Double Strand Breaks Processing: Focus on Barriers. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 55.	3.5	47

#	ARTICLE	IF	CITATIONS
19	Bi-allelic TARS Mutations Are Associated with Brittle Hair Phenotype. American Journal of Human Genetics, 2019, 105, 434-440.	6.2	42
20	Replication and transcription on a collision course: eukaryotic regulation mechanisms and implications for DNA stability. Frontiers in Genetics, 2015, 6, 166.	2.3	41
21	Methods to Study Replication Fork Collapse in Budding Yeast. Methods in Enzymology, 2006, 409, 442-462.	1.0	37
22	The dark side of RNA:DNA hybrids. Mutation Research - Reviews in Mutation Research, 2020, 784, 108300.	5.5	37
23	Senataxin Ortholog Sen1 Limits DNA:RNA Hybrid Accumulation at DNA Double-Strand Breaks to Control End Resection and Repair Fidelity. Cell Reports, 2020, 31, 107603.	6.4	35
24	Dormant origins and fork protection mechanisms rescue sister forks arrested by transcription. Nucleic Acids Research, 2018, 46, 1227-1239.	14.5	32
25	Elongating RNA polymerase II and RNA:DNA hybrids hinder fork progression and gene expression at sites of head-on replication-transcription collisions. Nucleic Acids Research, 2021, 49, 12769-12784.	14.5	28
26	A dominant-negative MEC3 mutant uncovers new functions for the Rad17 complex and Tel1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12997-13002.	7.1	13
27	Mechanisms Controlling the Integrity of Replicating Chromosomes in Budding Yeast. Cell Cycle, 2003, 2, 563-566.	2.6	12
28	Identification of Mutations That Decrease the Stability of a Fragment of <i>Saccharomyces cerevisiae</i> Chromosome III Lacking Efficient Replicators. Genetics, 2007, 177, 1445-1458.	2.9	9
29	Mitotic inter-homologue junctions accumulate at damaged DNA replication forks in recQ mutants. DNA Repair, 2010, 9, 661-669.	2.8	9
30	The double life of Holliday junctions. Cell Research, 2010, 20, 611-613.	12.0	9
31	<i>Cryptococcus neoformans</i> Typing by PCR Fingerprinting Using (GACA) <sub>4</sub> Primers Based on <i>C. neoformans</i> Genome Project Data. Journal of Clinical Microbiology, 2007, 45, 3427-3430.	3.9	6
32	Initiation of DNA Replication. Cell, 2004, 116, 3-4.	28.9	5
33	2D Gel Electrophoresis to Detect DNA Replication and Recombination Intermediates in Budding Yeast. Methods in Molecular Biology, 2020, 2119, 43-59.	0.9	2
34	Budding Yeast DNA Damage Checkpoint: A Signal Transduction-Mediated Surveillance System. , 2003, , 197-202.		1
35	Mechanisms coordinating replication and transcription (236.2). FASEB Journal, 2014, 28, 236.2.	0.5	0