

# Neta Agmon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3636019/publications.pdf>

Version: 2024-02-01

16  
papers

1,345  
citations

623734

14  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of a Functional Designer Eukaryotic Chromosome. <i>Science</i> , 2014, 344, 55-58.	12.6	486
2	Effect of nuclear architecture on the efficiency of double-strand break repair. <i>Nature Cell Biology</i> , 2013, 15, 694-699.	10.3	117
3	Extrachromosomal circles of satellite repeats and 5S ribosomal DNA in human cells. <i>Mobile DNA</i> , 2010, 1, 11.	3.6	108
4	Versatile genetic assembly system (VEGAS) to assemble pathways for expression in <i>S. cerevisiae</i> . <i>Nucleic Acids Research</i> , 2015, 43, 6620-6630.	14.5	96
5	Yeast Golden Gate (yGG) for the Efficient Assembly of <i>S. cerevisiae</i> Transcription Units. <i>ACS Synthetic Biology</i> , 2015, 4, 853-859.	3.8	75
6	Intrinsic biocontainment: Multiplex genome safeguards combine transcriptional and recombinational control of essential yeast genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1803-1808.	7.1	61
7	BRCA1 and S phase DNA repair pathways restrict LINE-1 retrotransposition in human cells. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 179-191.	8.2	60
8	Analysis of repair mechanism choice during homologous recombination. <i>Nucleic Acids Research</i> , 2009, 37, 5081-5092.	14.5	55
9	Proteasome Nuclear Activity Affects Chromosome Stability by Controlling the Turnover of Mms22, a Protein Important for DNA Repair. <i>PLoS Genetics</i> , 2010, 6, e1000852.	3.5	49
10	Evidence for rolling circle replication of tandem genes in <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2005, 33, 4519-4526.	14.5	48
11	The role of Holliday junction resolvases in the repair of spontaneous and induced DNA damage. <i>Nucleic Acids Research</i> , 2011, 39, 7009-7019.	14.5	46
12	Rapid and Efficient CRISPR/Cas9-Based Mating-Type Switching of <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 173-183.	1.8	39
13	A scalable peptide-GPCR language for engineering multicellular communication. <i>Nature Communications</i> , 2018, 9, 5057.	12.8	39
14	Low escape-rate genome safeguards with minimal molecular perturbation of <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1470-E1479.	7.1	26
15	Phylogenetic debugging of a complete human biosynthetic pathway transplanted into yeast. <i>Nucleic Acids Research</i> , 2020, 48, 486-499.	14.5	11
16	Engineered dual selection for directed evolution of SpCas9 PAM specificity. <i>Nature Communications</i> , 2021, 12, 349.	12.8	10