

# Alexander J Neil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11761614/publications.pdf>

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8  
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docs citations

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607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate steering by Flap Endonuclease 1 promotes 5' flap specificity and incision to prevent genome instability. <i>Nature Communications</i> , 2017, 8, 15855.	12.8	81
2	RNA-DNA hybrids promote the expansion of Friedreich's ataxia (GAA) <sub>n</sub> repeats via break-induced replication. <i>Nucleic Acids Research</i> , 2018, 46, 3487-3497.	14.5	62
3	Transcription blockage by homopurine DNA sequences: role of sequence composition and single-strand breaks. <i>Nucleic Acids Research</i> , 2013, 41, 1817-1828.	14.5	57
4	Quantitative Analysis of the Rates for Repeat-Mediated Genome Instability in a Yeast Experimental System. <i>Methods in Molecular Biology</i> , 2018, 1672, 421-438.	0.9	44
5	Nanopore sequencing of complex genomic rearrangements in yeast reveals mechanisms of repeat-mediated double-strand break repair. <i>Genome Research</i> , 2017, 27, 2072-2082.	5.5	36
6	Precarious maintenance of simple DNA repeats in eukaryotes. <i>BioEssays</i> , 2017, 39, 1700077.	2.5	33
7	Transcription Blockage by Bulky End Termini at Single-Strand Breaks in the DNA Template: Differential Effects of 5' and 3' Adducts. <i>Biochemistry</i> , 2012, 51, 8964-8970.	2.5	29
8	Replication-independent instability of Friedreich's ataxia GAA repeats during chronological aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15