

# Takashi Nishio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1802144/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Branched-Chain Polyamine Found in Hyperthermophiles Induces Unique Temperature-Dependent Structural Changes in Genome-Size DNA. ChemPhysChem, 2018, 19, 2299-2304.	2.1	22
2	Specific effects of antitumor active norspermidine on the structure and function of DNA. Scientific Reports, 2019, 9, 14971.	3.3	18
3	Effects of Structural Isomers of Spermine on the Higher-Order Structure of DNA and Gene Expression. International Journal of Molecular Sciences, 2021, 22, 2355.	4.1	9
4	Longer DNA exhibits greater potential for cell-free gene expression. Scientific Reports, 2021, 11, 11739.	3.3	9
5	Higher-order structure of DNA determines its positioning in cell-size droplets under crowded conditions. PLoS ONE, 2021, 16, e0261736.	2.5	9
6	K <sup>+</sup> promotes the favorable effect of polyamine on gene expression better than Na <sup>+</sup> . PLoS ONE, 2020, 15, e0238447.	2.5	8
7	Repulsive/attractive interaction among compact DNA molecules as judged through laser trapping: difference between linear- and branched-chain polyamines. Colloid and Polymer Science, 2019, 297, 397-407.	2.1	5
8	Branched-Chain Polyamine Found in Hyperthermophiles Induces Unique Temperature-Dependent Structural Changes in Genome-Size DNA. ChemPhysChem, 2018, 19, 2284-2284.	2.1	0