

Yuko Yoshikawa

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

205
citations

1040056

9
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite effect of polyamines on In vitro gene expression: Enhancement at low concentrations but inhibition at high concentrations. PLoS ONE, 2018, 13, e0193595.	2.5	26
2	Branched-chain Polyamine Found in Hyperthermophiles Induces Unique Temperature-Dependent Structural Changes in Genome-sized DNA. ChemPhysChem, 2018, 19, 2299-2304.	2.1	22
3	Specific Conformational Change in Giant DNA Caused by Anticancer Tetrazolato-Bridged Dinuclear Platinum(II) Complexes: Middle-Length Alkyl Substituents Exhibit Minimum Effect. Inorganic Chemistry, 2017, 56, 802-811.	4.0	18
4	A single-molecule assessment of the protective effect of DMSO against DNA double-strand breaks induced by photo- and γ -ray-irradiation, and freezing. Scientific Reports, 2017, 7, 8557.	3.3	18
5	Specific effects of antitumor active norspermidine on the structure and function of DNA. Scientific Reports, 2019, 9, 14971.	3.3	18
6	Different Effects of Cisplatin and Transplatin on the Higher-Order Structure of DNA and Gene Expression. International Journal of Molecular Sciences, 2020, 21, 34.	4.1	18
7	Naturally occurring branched-chain polyamines induce a crosslinked meshwork structure in a giant DNA. Journal of Chemical Physics, 2016, 145, 235103.	3.0	17
8	Double-strand Breaks in Genome-sized DNA Caused by Ultrasound. ChemPhysChem, 2017, 18, 959-964.	2.1	15
9	Effect of low-frequency ultrasound on double-strand breaks in giant DNA molecules. Applied Physics Letters, 2013, 103, .	3.3	12
10	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
11	Longer DNA exhibits greater potential for cell-free gene expression. Scientific Reports, 2021, 11, 11739.	3.3	9
12	Higher-order structure of DNA determines its positioning in cell-size droplets under crowded conditions. PLoS ONE, 2021, 16, e0261736.	2.5	9
13	K ⁺ promotes the favorable effect of polyamine on gene expression better than Na ⁺ . PLoS ONE, 2020, 15, e0238447.	2.5	8
14	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
15	Marked Difference in the Conformational Transition of DNA Caused by Propanol Isomer. Polymers, 2020, 12, 1607.	4.5	1
16	Action of newly developed tetrazolato-bridged dinuclear platinum(II) complexes as the candidate of effective antitumor drug on the structure of large DNA. , 2016, , .		0
17	Branched-chain Polyamine Found in Hyperthermophiles Induces Unique Temperature-Dependent Structural Changes in Genome-sized DNA. ChemPhysChem, 2018, 19, 2284-2284.	2.1	0
18	Double-strand breaks in genome-sized DNA caused by photo-irradiation, gamma-rays and ultrasound. Journal of Advanced Simulation in Science and Engineering, 2019, 6, 189-194.	0.2	0