Yuko Yoshikawa

List of Publications by Year
in descending order

18	205	1040056 9	1058476 14
papers	citations	h-index	g-index

19	19	19	243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Longer DNA exhibits greater potential for cell-free gene expression. Scientific Reports, 2021, 11, 11739.	3.3	9
3	Higher-order structure of DNA determines its positioning in cell-size droplets under crowded conditions. PLoS ONE, 2021, 16, e0261736.	2.5	9
4	K+ promotes the favorable effect of polyamine on gene expression better than Na+. PLoS ONE, 2020, 15, e0238447.	2.5	8
5	Marked Difference in the Conformational Transition of DNA Caused by Propanol Isomer. Polymers, 2020, 12, 1607.	4.5	1
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	Specific effects of antitumor active norspermidine on the structure and function of DNA. Scientific Reports, 2019, 9, 14971.	3.3	18
8	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
9	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
10	Branchedâ€Chain Polyamine Found in Hyperthermophiles Induces Unique Temperatureâ€Dependent Structural Changes in Genomeâ€Size DNA. ChemPhysChem, 2018, 19, 2284-2284.	2.1	0
11	Branchedâ€Chain Polyamine Found in Hyperthermophiles Induces Unique Temperatureâ€Dependent Structural Changes in Genomeâ€Size DNA. ChemPhysChem, 2018, 19, 2299-2304.	2.1	22
12	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
13	Doubleâ€Strand Breaks in Genomeâ€Sized DNA Caused by Ultrasound. ChemPhysChem, 2017, 18, 959-964.	2.1	15
14	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
15	A single-molecule assessment of the protective effect of DMSO against DNA double-strand breaks induced by photo-and Î³-ray-irradiation, and freezing. Scientific Reports, 2017, 7, 8557.	3.3	18
16	Naturally occurring branched-chain polyamines induce a crosslinked meshwork structure in a giant DNA. Journal of Chemical Physics, 2016, 145, 235103.	3.0	17
17	Action of newly developed tetrazolato-bridged dinuclear platinum(II) complexe as the candidate of effective antitumor drug on the structure of large DNA. , 2016, , .		0
18	Effect of low-frequency ultrasound on double-strand breaks in giant DNA molecules. Applied Physics Letters, 2013, 103, .	3.3	12