Hidenobu Yaku

List of Publications by Year
in descending order

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Version: 2024-02-01

16	528	840119 11	940134 16
papers	citations	h-index	g-index

16	16	16	785
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phthalocyanines: a new class of G-quadruplex-ligands with many potential applications. Chemical Communications, 2012, 48, 6203.	2.2	106
2	Multiple and Cooperative Binding of Fluorescence Light-up Probe Thioflavin T with Human Telomere DNA G-Quadruplex. Biochemistry, 2013, 52, 5620-5628.	1.2	96
3	Specific Binding of Anionic Porphyrin and Phthalocyanine to the G-Quadruplex with a Variety of in Vitro and in Vivo Applications. Molecules, 2012, 17, 10586-10613.	1.7	71
4	Anionic phthalocyanines targeting G-quadruplexes and inhibiting telomerase activity in the presence of excessive DNA duplexes. Chemical Communications, 2010, 46, 5740.	2.2	56
5	The membrane-located osmosensory kinase, EnvZ, that contains a leucine zipper-like motif functions as a dimer inEscherichia coli. FEBS Letters, 1997, 417, 409-413.	1.3	33
6	Study on effects of molecular crowding on G-quadruplex-ligand binding and ligand-mediated telomerase inhibition. Methods, 2013, 64, 19-27.	1.9	33
7	Design of alleleâ€specific primers and detection of the human ABO genotyping to avoid the pseudopositive problem. Electrophoresis, 2008, 29, 4130-4140.	1.3	28
8	Interaction between the CheY response regulator and the histidine-containing phosphotransfer (HPt) domain of the ArcB sensory kinase inEscherichia coli. FEBS Letters, 1997, 408, 337-340.	1.3	23
9	DNA assembly of silicon quantum dots/gold nanoparticle nanocomposites. RSC Advances, 2016, 6, 63933-63939.	1.7	17
10	In Vitro Assays Predictive of Telomerase Inhibitory Effect of G-Quadruplex Ligands in Cell Nuclei. Journal of Physical Chemistry B, 2014, 118, 2605-2614.	1.2	16
11	A mRNA-Responsive G-Quadruplex-Based Drug Release System. Sensors, 2015, 15, 9388-9403.	2.1	13
12	Highly Sensitive Telomerase Assay Insusceptible to Telomerase and Polymerase Chain Reaction Inhibitors for Cervical Cancer Screening Using Scraped Cells. Analytical Chemistry, 2017, 89, 6948-6953.	3.2	12
13	A Highly Sensitive Telomerase Activity Assay that Eliminates False-Negative Results Caused by PCR Inhibitors. Molecules, 2013, 18, 11751-11767.	1.7	8
14	A simple â€œadd and measureâ€•FRET-based telomeric tandem repeat sequence detection and telomerase assay method. Organic and Biomolecular Chemistry, 2014, 12, 936-941.	1.5	7
15	Sub-micro-liter Electrochemical Single-Nucleotide-Polymorphism Detector for Lab-on-a-Chip System. Japanese Journal of Applied Physics, 2012, 51, 04DL02.	0.8	6
16	Electrochemical sensor with dry reagents implemented in lab-on-chip for single nucleotide polymorphism detection. Japanese Journal of Applied Physics, 2014, 53, 05FS03.	0.8	3