

Hidenobu Yaku

List of Publications by Year in descending order

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16
papers

528
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840119

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785
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Telomerase Assay Insusceptible to Telomerase and Polymerase Chain Reaction Inhibitors for Cervical Cancer Screening Using Scraped Cells. <i>Analytical Chemistry</i> , 2017, 89, 6948-6953.	3.2	12
2	DNA assembly of silicon quantum dots/gold nanoparticle nanocomposites. <i>RSC Advances</i> , 2016, 6, 63933-63939.	1.7	17
3	A mRNA-Responsive G-Quadruplex-Based Drug Release System. <i>Sensors</i> , 2015, 15, 9388-9403.	2.1	13
4	Electrochemical sensor with dry reagents implemented in lab-on-chip for single nucleotide polymorphism detection. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05F503.	0.8	3
5	A simple Δ and measure Δ -FRET-based telomeric tandem repeat sequence detection and telomerase assay method. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 936-941.	1.5	7
6	In Vitro Assays Predictive of Telomerase Inhibitory Effect of G-Quadruplex Ligands in Cell Nuclei. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2605-2614.	1.2	16
7	Multiple and Cooperative Binding of Fluorescence Light-up Probe Thioflavin T with Human Telomere DNA G-Quadruplex. <i>Biochemistry</i> , 2013, 52, 5620-5628.	1.2	96
8	Study on effects of molecular crowding on G-quadruplex-ligand binding and ligand-mediated telomerase inhibition. <i>Methods</i> , 2013, 64, 19-27.	1.9	33
9	A Highly Sensitive Telomerase Activity Assay that Eliminates False-Negative Results Caused by PCR Inhibitors. <i>Molecules</i> , 2013, 18, 11751-11767.	1.7	8
10	Sub-micro-liter Electrochemical Single-Nucleotide-Polymorphism Detector for Lab-on-a-Chip System. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 04DL02.	0.8	6
11	Specific Binding of Anionic Porphyrin and Phthalocyanine to the G-Quadruplex with a Variety of in Vitro and in Vivo Applications. <i>Molecules</i> , 2012, 17, 10586-10613.	1.7	71
12	Phthalocyanines: a new class of G-quadruplex-ligands with many potential applications. <i>Chemical Communications</i> , 2012, 48, 6203.	2.2	106
13	Anionic phthalocyanines targeting G-quadruplexes and inhibiting telomerase activity in the presence of excessive DNA duplexes. <i>Chemical Communications</i> , 2010, 46, 5740.	2.2	56
14	Design of allele-specific primers and detection of the human ABO genotyping to avoid the pseudopositive problem. <i>Electrophoresis</i> , 2008, 29, 4130-4140.	1.3	28
15	Interaction between the CheY response regulator and the histidine-containing phosphotransfer (Hpt) domain of the ArcB sensory kinase in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 1997, 408, 337-340.	1.3	23
16	The membrane-located osmosensory kinase, EnvZ, that contains a leucine zipper-like motif functions as a dimer in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 1997, 417, 409-413.	1.3	33