

Sang-Ryoul Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9165322/publications.pdf>

Version: 2024-02-01

13
papers

189
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated spectrophotometric platform for the quantification of multiple nucleic acid samples. <i>Instrumentation Science and Technology</i> , 2022, 50, 334-350.	1.8	0
2	Precise RNA Quantification by Counting Individual RNA Molecules Using High-Sensitivity Capillary Flow Cytometry. <i>Analytical Chemistry</i> , 2022, 94, 1752-1759.	6.5	2
3	High-sensitivity microvolume UV absorption spectrometry for routine analysis of small-volume biological samples. <i>BioTechniques</i> , 2021, 70, 251-262.	1.8	2
4	Quantification of single-strand DNA by sequence-specific counting in capillary flow cytometry. <i>Metrologia</i> , 2020, 57, 065019.	1.2	2
5	Assessment of Digital PCR as a Primary Reference Measurement Procedure to Support Advances in Precision Medicine. <i>Clinical Chemistry</i> , 2018, 64, 1296-1307.	3.2	50
6	International Comparison of Enumeration-Based Quantification of DNA Copy-Concentration Using Flow Cytometric Counting and Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2016, 88, 12169-12176.	6.5	32
7	Accurate quantification of supercoiled DNA by digital PCR. <i>Scientific Reports</i> , 2016, 6, 24230.	3.3	8
8	A candidate reference method for quantification of low concentrations of plasmid DNA by exhaustive counting of single DNA molecules in a flow stream. <i>Metrologia</i> , 2014, 51, 491-502.	1.2	5
9	Rapid and accurate determination of deoxyribonucleoside monophosphates from DNA using micellar electrokinetic chromatography with a cationic surfactant additive. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2131-2140.	3.7	14
10	Flow cytometric investigation on degradation of macro-DNA by common laboratory manipulations. <i>Journal of Biophysical Chemistry</i> , 2011, 02, 102-111.	0.5	13
11	Count-based quantitation of trace level macro-DNA molecules. <i>Metrologia</i> , 2009, 46, 375-387.	1.2	11
12	A strategy for establishing accurate quantitation standards of oligonucleotides: quantitation of phosphorus of DNA phosphodiester bonds using inductively coupled plasma-optical emission spectroscopy. <i>Analytical Biochemistry</i> , 2004, 335, 150-161.	2.4	50
13	Novel microsampling system for automated spectrophotometry. <i>Instrumentation Science and Technology</i> , 0, , 1-15.	1.8	0