

Ari Lehmusvuori

List of Publications by Year in descending order

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11
papers

268
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Acoustic Separation, Enrichment, and Microchip Polymerase Chain Reaction Detection of Bacteria from Blood for Rapid Sepsis Diagnostics. <i>Analytical Chemistry</i> , 2016, 88, 9403-9411.	6.5	110
2	An Ion-Sensitive Floating Gate FET Model: Operating Principles and Electrofluidic Gating. <i>IEEE Transactions on Electron Devices</i> , 2015, 62, 2628-2635.	3.0	43
3	Synthetic single-framework antibody library integrated with rapid affinity maturation by VL shuffling. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 691-700.	2.1	38
4	Real-time wash-free detection of unlabeled PNA-DNA hybridization using discrete FET sensor. <i>Scientific Reports</i> , 2017, 7, 15734.	3.3	26
5	High-performance closed-tube PCR based on switchable luminescence probes. <i>Analytica Chimica Acta</i> , 2012, 731, 88-92.	5.4	18
6	Homogeneous duplex polymerase chain reaction assay using switchable lanthanide fluorescence probes. <i>Analytical Biochemistry</i> , 2013, 436, 16-21.	2.4	9
7	Rapid homogeneous PCR assay for the detection of <i>Chlamydia trachomatis</i> in urine samples. <i>Journal of Microbiological Methods</i> , 2010, 83, 302-306.	1.6	8
8	Homogenous M13 bacteriophage quantification assay using switchable lanthanide fluorescence probes. <i>BioTechniques</i> , 2012, 53, 301-303.	1.8	8
9	Ready to use dry-reagent PCR assays for the four common bacterial pathogens using switchable lanthanide luminescence probe system. <i>Journal of Microbiological Methods</i> , 2015, 118, 64-69.	1.6	4
10	Closed-tube human leukocyte antigen DQA1 [∗] 05 genotyping assay based on switchable lanthanide luminescence probes. <i>Analytical Biochemistry</i> , 2014, 465, 6-11.	2.4	2
11	Lanthanide chelate complementation and hydrolysis enhanced luminescent chelate in real-time reverse transcription polymerase chain reaction assays for KLK3 transcripts. <i>Analytical Biochemistry</i> , 2014, 444, 1-7.	2.4	2