

Shalen Kumar

List of Publications by Year in descending order

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9
papers

439
citations

1163117
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1474206
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g-index

9
all docs

9
docs citations

9
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential Use of Aptamers in The Process of Drug Development. Pharmaceutical Sciences, 2021, , .	0.2	1
2	Structural Changes of Mercaptohexanol Self-Assembled Monolayers on Gold and Their Influence on Impedimetric Aptamer Sensors. Analytical Chemistry, 2019, 91, 14697-14704.	6.5	52
3	Highly sensitive and specific real-time PCR by employing serial invasive reaction as a sequence identifier for quantifying EGFR mutation abundance in cfDNA. Analytical and Bioanalytical Chemistry, 2018, 410, 6751-6759.	3.7	18
4	Lateral Flow Aptasensor for Small Molecule Targets Exploiting Adsorption and Desorption Interactions on Gold Nanoparticles. Analytical Chemistry, 2017, 89, 7416-7424.	6.5	37
5	Signal amplification of microRNAs with modified strand displacement-based cycling probe technology. Analyst, The, 2016, 141, 6297-6302.	3.5	10
6	Invader Assisted Enzyme-Linked Immunosorbent Assay for Colorimetric Detection of Disease Biomarkers Using Oligonucleotide Probe-Modified Gold Nanoparticles. Journal of Biomedical Nanotechnology, 2016, 12, 831-839.	1.1	13
7	Label-free electrochemical aptasensor for femtomolar detection of 17 β -estradiol. Biosensors and Bioelectronics, 2015, 70, 398-403.	10.1	73
8	Ultrasensitive Colorimetric Detection of 17 β -Estradiol: The Effect of Shortening DNA Aptamer Sequences. Analytical Chemistry, 2015, 87, 4201-4209.	6.5	148
9	Small molecule detection in solution via the size contraction response of aptamer functionalized nanoparticles. Biosensors and Bioelectronics, 2014, 57, 262-268.	10.1	87