

Monsur Ali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5414740/publications.pdf>

Version: 2024-02-01

33
papers

3,523
citations

304368

22
h-index

377514

34
g-index

36
all docs

36
docs citations

36
times ranked

4240
citing authors

#	ARTICLE	IF	CITATIONS
1	Rolling circle amplification: a versatile tool for chemical biology, materials science and medicine. <i>Chemical Society Reviews</i> , 2014, 43, 3324.	18.7	837
2	Rolling Circle Amplification: Applications in Nanotechnology and Biodetection with Functional Nucleic Acids. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6330-6337.	7.2	506
3	Paper-Based Bioassays Using Gold Nanoparticle Colorimetric Probes. <i>Analytical Chemistry</i> , 2008, 80, 8431-8437.	3.2	305
4	Nucleic acid aptamers in cancer research, diagnosis and therapy. <i>Chemical Society Reviews</i> , 2015, 44, 1240-1256.	18.7	217
5	Multiplexed paper test strip for quantitative bacterial detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1567-1576.	1.9	194
6	Fluorogenic DNAzyme Probes as Bacterial Indicators. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3751-3754.	7.2	189
7	Colorimetric Sensing by Using Allostericâ€DNAzymeâ€Coupled Rolling Circle Amplification and a Peptide Nucleic Acidâ€Organic Dye Probe. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3512-3515.	7.2	128
8	A polyvalent aptamer system for targeted drug delivery. <i>Biomaterials</i> , 2013, 34, 9728-9735.	5.7	120
9	Sentinel Wraps: Real-Time Monitoring of Food Contamination by Printing DNAzyme Probes on Food Packaging. <i>ACS Nano</i> , 2018, 12, 3287-3294.	7.3	120
10	A DNAzymeâ€Based Colorimetric Paper Sensor for <i>Helicobacter pylori</i> . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9907-9911.	7.2	115
11	Detection of DNA using bioactive paper strips. <i>Chemical Communications</i> , 2009, , 6640.	2.2	104
12	Droplet microfluidics for single-molecule and single-cell analysis in cancer research, diagnosis and therapy. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 58, 145-153.	5.8	99
13	A Printed Multicomponent Paper Sensor for Bacterial Detection. <i>Scientific Reports</i> , 2017, 7, 12335.	1.6	82
14	Novel Molecular and Nanosensors for In Vivo Sensing. <i>Theranostics</i> , 2013, 3, 583-594.	4.6	74
15	A Sensitive DNA Enzyme-Based Fluorescent Assay for Bacterial Detection. <i>Biomolecules</i> , 2013, 3, 563-577.	1.8	59
16	DNAâ€Scaffolded Multivalent Ligands to Modulate Cell Function. <i>ChemBioChem</i> , 2014, 15, 1268-1273.	1.3	43
17	A Simple DNAzymeâ€Based Fluorescent Assay for <i>Klebsiella pneumoniae</i> . <i>ChemBioChem</i> , 2019, 20, 906-910.	1.3	41
18	Long-Term Preservation of Bacteriophage Antimicrobials Using Sugar Glasses. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3802-3808.	2.6	35

#	ARTICLE	IF	CITATIONS
19	A DNAzyme-Based Colorimetric Paper Sensor for <i>Helicobacter pylori</i> . <i>Angewandte Chemie</i> , 2019, 131, 10012-10016.	1.6	29
20	Choosing mineral flotation collectors from large nanoparticle libraries. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 423-430.	5.0	24
21	Enzymatic Litmus Test for Selective Colorimetric Detection of C Single Nucleotide Polymorphisms. <i>Analytical Chemistry</i> , 2019, 91, 4735-4740.	3.2	24
22	A Lateral Flow Test for <i>Staphylococcus aureus</i> in Nasal Mucus Using a New DNAzyme as the Recognition Element. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202112346.	7.2	24
23	RNA Protection is Effectively Achieved by Pullulan Film Formation. <i>ChemBioChem</i> , 2017, 18, 502-505.	1.3	22
24	Automating multi-step paper-based assays using integrated layering of reagents. <i>Lab on A Chip</i> , 2017, 17, 943-950.	3.1	20
25	Modulation of DNA-Modified Gold Nanoparticle Stability in Salt with Concatemeric Single-Stranded DNAs for Colorimetric Bioassay Development. <i>Chemistry - A European Journal</i> , 2011, 17, 2052-2056.	1.7	16
26	Developing Fluorogenic RNA-Cleaving DNAzymes for Biosensing Applications. <i>Methods in Molecular Biology</i> , 2012, 848, 395-418.	0.4	13
27	Relating Redox Properties of Polyvinylamine-g-TEMPO/Laccase Hydrogel Complexes to Cellulose Oxidation. <i>Langmuir</i> , 2017, 33, 7854-7861.	1.6	11
28	Controlling biotinylation of microgels and modeling streptavidin uptake. <i>Colloid and Polymer Science</i> , 2011, 289, 659-666.	1.0	8
29	Quantitative Point-of-Care Colorimetric Assay Modeling Using a Handheld Colorimeter. <i>ACS Omega</i> , 2021, 6, 22439-22446.	1.6	7
30	Examination of Bacterial Inhibition Using a Catalytic DNA. <i>PLoS ONE</i> , 2014, 9, e115640.	1.1	5
31	A simple assay for azide surface groups on clickable polymeric nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 508, 192-196.	2.3	5
32	A Lateral Flow Test for <i>Staphylococcus aureus</i> in Nasal Mucus Using a New DNAzyme as the Recognition Element. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
33	DESIGN OF HIGHLY EFFICIENT AND SELECTIVE TRANSFER REACTION OF NITROSYL GROUP TO dC AND dMC RESULTING IN SPECIFIC DEAMINATION. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 721-724.	0.4	1