

Nidhi Nandu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reprogrammable Gel Electrophoresis Detection Assay Using CRISPR-Cas12a and Hybridization Chain Reaction. <i>Analytical Chemistry</i> , 2021, 93, 1934-1938.	6.5	57
2	Probing CRISPR-Cas12a Nuclease Activity Using Double-Stranded DNA-Templated Fluorescent Substrates. <i>Biochemistry</i> , 2020, 59, 1474-1481.	2.5	28
3	Homologous miRNA Analyses Using a Combinatorial Nanosensor Array with Two-Dimensional Nanoparticles. <i>Analytical Chemistry</i> , 2018, 90, 6300-6306.	6.5	27
4	Recognition of DNA Target Formulations by CRISPR-Cas12a Using a dsDNA Reporter. <i>ACS Synthetic Biology</i> , 2021, 10, 1785-1791.	3.8	24
5	Masking the Peroxidase-Like Activity of the Molybdenum Disulfide Nanozyme Enables Label-Free Lipase Detection. <i>ChemBioChem</i> , 2019, 20, 1861-1867.	2.6	17
6	Systematic Investigation of Two-Dimensional DNA Nanoassemblies for Construction of a Nonspecific Sensor Array. <i>Langmuir</i> , 2018, 34, 14983-14992.	3.5	15
7	Machine-Learning Single-Stranded DNA Nanoparticles for Bacterial Analysis. <i>ACS Applied Nano Materials</i> , 2020, 3, 11709-11714.	5.0	13
8	Small molecule-induced DNA hydrogel with encapsulation and release properties. <i>Chemical Communications</i> , 2020, 56, 7313-7316.	4.1	12
9	Regulation of the Peroxidase-Like Activity of nGO, MoS ₂ and WS ₂ Nanozymes by Using Metal Cations. <i>ChemBioChem</i> , 2021, 22, 662-665.	2.6	10
10	The Analysis of Zirconium (IV) Oxide (ZrO ₂) Nanoparticles for Peroxidase Activity. <i>Journal of Analysis and Testing</i> , 2019, 3, 246-252.	5.1	8
11	Algorithmically Guided Optical Nanosensor Selector (AGONS): Guiding Data Acquisition, Processing, and Discrimination for Biological Sampling. <i>Analytical Chemistry</i> , 2022, 94, 1195-1202.	6.5	6