

Huan Xu

List of Publications by Year in descending order

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13
papers

359
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	A label-free electrochemical biosensor for microRNAs detection based on DNA nanomaterial by coupling with Y-shaped DNA structure and non-linear hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2019, 126, 657-663.	10.1	75
2	An ultraportable and versatile point-of-care DNA testing platform. <i>Science Advances</i> , 2020, 6, eaaz7445.	10.3	71
3	VSIG4 expression on macrophages facilitates lung cancer development. <i>Laboratory Investigation</i> , 2014, 94, 706-715.	3.7	65
4	Diagnostic performance of plasma cytokine biosignature combination and MCP-1 as individual biomarkers for differentiating stages Mycobacterium tuberculosis infection. <i>Journal of Infection</i> , 2019, 78, 281-291.	3.3	30
5	Micro/Nano Technology for Next-Generation Diagnostics. <i>Small Methods</i> , 2020, 4, 1900506.	8.6	25
6	The Intrahepatic Expression and Distribution of BTLA and its Ligand HVEM in patients with HBV-related acute-on-chronic liver failure. <i>Diagnostic Pathology</i> , 2012, 7, 142.	2.0	21
7	3D DNA nanonet structure coupled with target-catalyzed hairpin assembly for dual-signal synergistically amplified electrochemical sensing of circulating microRNA. <i>Analytica Chimica Acta</i> , 2020, 1122, 39-47.	5.4	21
8	DNA-based engineering system for improving human and environmental health: Identification, detection, and treatment. <i>Nano Today</i> , 2020, 35, 100958.	11.9	15
9	Tumor necrosis factor α (TNF- α) receptor-I is required for TNF- α -mediated fulminant virus hepatitis caused by murine hepatitis virus strain-3 infection. <i>Immunology Letters</i> , 2014, 158, 25-32.	2.5	13
10	Transcriptomic Analysis Reveals the Dependency of Pseudomonas aeruginosa Genes for Double-Stranded RNA Bacteriophage ϕ YY Infection Cycle. <i>IScience</i> , 2020, 23, 101437.	4.1	9
11	Effect of CXCL12/CXCR4 on migration of decidua-derived mesenchymal stem cells from pregnancies with preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13180.	1.2	7
12	Early secreted antigenic target 6-kDa from Mycobacterium tuberculosis enhanced the protective innate immunity of macrophages partially via HIF1 α . <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 26-32.	2.1	6
13	A fixed cytometer chip for identification of cell populations and real-time monitoring of single-cell apoptosis under gradient UV radiation. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	1