

Xiushan Yin

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Rapid Detection of COVID-19 Coronavirus Using a Reverse Transcriptional Loop-Mediated Isothermal Amplification (RT-LAMP) Diagnostic Platform. <i>Clinical Chemistry</i> , 2020, 66, 975-977. | 3.2 | 372 |
| 2 | Direct detection of SARS-CoV-2 using non-commercial RT-LAMP reagents on heat-inactivated samples. <i>Scientific Reports</i> , 2021, 11, 1820. | 3.3 | 47 |
| 3 | Sample-to-answer COVID-19 nucleic acid testing using a low-cost centrifugal microfluidic platform with bead-based signal enhancement and smartphone read-out. <i>Lab on A Chip</i> , 2021, 21, 2932-2944. | 6.0 | 47 |
| 4 | Successful delivery of large-size CRISPR/Cas9 vectors in hard-to-transfect human cells using small plasmids. <i>Communications Biology</i> , 2020, 3, 319. | 4.4 | 35 |
| 5 | Optimization of scleroglucan production by <i>Sclerotium rolfsii</i> by lowering pH during fermentation via oxalate metabolic pathway manipulation using CRISPR/Cas9. <i>Fungal Biology and Biotechnology</i> , 2021, 8, 1. | 5.1 | 35 |
| 6 | Structure of SARS-CoV-2 main protease in the apo state. <i>Science China Life Sciences</i> , 2021, 64, 656-659. | 4.9 | 15 |
| 7 | Colorimetric isothermal nucleic acid detection of SARS-CoV-2 with dye combination. <i>Heliyon</i> , 2021, 7, e06886. | 3.2 | 15 |
| 8 | Intraperitoneal injection of Desferal® alleviated the age-related bone loss and senescence of bone marrow stromal cells in rats. <i>Stem Cell Research and Therapy</i> , 2021, 12, 45. | 5.5 | 14 |
| 9 | Crystal structure of SARS-CoV 3C-like protease with baicalein. <i>Biochemical and Biophysical Research Communications</i> , 2022, 611, 190-194. | 2.1 | 10 |
| 10 | SARS-CoV-2 detection by extraction-free qRT-PCR for massive and rapid COVID-19 diagnosis during a pandemic in Armenia. <i>Journal of Virological Methods</i> , 2021, 295, 114199. | 2.1 | 8 |
| 11 | Simultaneous detection of SARS-CoV-2 and pandemic (H1N1) 2009 virus with real-time isothermal platform. <i>Heliyon</i> , 2021, 7, e07584. | 3.2 | 6 |
| 12 | Blockade of Fgfr1 with PD166866 Protects Cartilage from the Catabolic Effects Induced by Interleukin-1 β : A Genome-Wide Expression Profiles Analysis. <i>Cartilage</i> , 2021, 13, 1122S-1133S. | 2.7 | 1 |