

Peiwu Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6142371/publications.pdf>

Version: 2024-02-01

13
papers

964
citations

1040056

9
h-index

1199594

12
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15
all docs

15
docs citations

15
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and Fully Microfluidic Ebola Virus Detection with CRISPR-Cas13a. ACS Sensors, 2019, 4, 1048-1054.	7.8	215
2	Live cell imaging of low- and non-repetitive chromosome loci using CRISPR-Cas9. Nature Communications, 2017, 8, 14725.	12.8	199
3	High-throughput and all-solution phase African Swine Fever Virus (ASFV) detection using CRISPR-Cas12a and fluorescence based point-of-care system. Biosensors and Bioelectronics, 2020, 154, 112068.	10.1	163
4	Shelterin Protects Chromosome Ends by Compacting Telomeric Chromatin. Cell, 2016, 164, 735-746.	28.9	138
5	Current and Perspective Diagnostic Techniques for COVID-19. ACS Infectious Diseases, 2020, 6, 1998-2016.	3.8	116
6	Challenges and Opportunities for Clustered Regularly Interspaced Short Palindromic Repeats Based Molecular Biosensing. ACS Sensors, 2021, 6, 2497-2522.	7.8	37
7	Integrated Micropillar Polydimethylsiloxane Accurate CRISPR Detection System for Viral DNA Sensing. ACS Omega, 2020, 5, 27433-27441.	3.5	28
8	Rapid <i>Escherichia coli</i> Trapping and Retrieval from Bodily Fluids via a Three-Dimensional Bead-Stacked Nanodevice. ACS Applied Materials & Interfaces, 2020, 12, 7888-7896.	8.0	27
9	Stroke prediction from electrocardiograms by deep neural network. Multimedia Tools and Applications, 2021, 80, 17291-17297.	3.9	25
10	Single Molecule Studies of RNA-RNA Interactions. Methods in Molecular Biology, 2015, 1240, 97-112.	0.9	3
11	Perspective of Molecular Diagnosis in Healthcare: From Barcode to Pattern Recognition. Diagnostics, 2019, 9, 75.	2.6	2
12	Reversible domain closure modulates GlnBP ligand binding affinity. PLoS ONE, 2022, 17, e0263102.	2.5	1
13	Recent advances in nucleic acid analysis and detection with microfluidic and nanofluidics. , 2022, , 199-233.		0