

Yong Guo

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,240
citations

516710

16
h-index

289244

40
g-index

40
all docs

40
docs citations

40
times ranked

7831
citing authors

#	ARTICLE	IF	CITATIONS
1	BMS-470539 Attenuates Oxidative Stress and Neuronal Apoptosis via MC1R/cAMP/PKA/Nurr1 Signaling Pathway in a Neonatal Hypoxic-Ischemic Rat Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	5
2	Single-Tube Multiplex Digital Polymerase Chain Reaction Assay for Molecular Diagnosis and Prediction of Severity of Spinal Muscular Atrophy. <i>Analytical Chemistry</i> , 2022, 94, 3517-3525.	6.5	6
3	The protective mechanism of Grx2 in ultraviolet-B (UVB)-induced cataract formation. <i>Biochemical and Biophysical Research Communications</i> , 2022, 613, 107-112.	2.1	4
4	Reply to Aquino-Jarquín. <i>Clinical Infectious Diseases</i> , 2021, 72, 1490-1491.	5.8	1
5	Applications of digital PCR in COVID-19 pandemic. <i>View</i> , 2021, 2, 20200082.	5.3	33
6	Establishment of primary reference measurement procedures and reference materials for EGFR variant detection in non-small cell lung cancer. <i>Analytical Methods</i> , 2021, 13, 2114-2123.	2.7	4
7	Analysis of viral load in different specimen types and serum antibody levels of COVID-19 patients. <i>Journal of Translational Medicine</i> , 2021, 19, 30.	4.4	36
8	Fabrication of floating colloidal crystal monolayers by convective deposition. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 1-13.	9.4	6
9	Single-Dose Immunization With a Chimpanzee Adenovirus-Based Vaccine Induces Sustained and Protective Immunity Against SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 697074.	4.8	18
10	Interlaboratory assessment of quantification of SARS-CoV-2 RNA by reverse transcription digital PCR. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7195-7204.	3.7	8
11	Pitfalls in RET Fusion Detection Using Break-Apart FISH Probes in Papillary Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1129-e1138.	3.6	11
12	Development of a Droplet Digital Polymerase Chain Reaction for Sensitive Detection of <i>Pneumocystis jirovecii</i> in Respiratory Tract Specimens. <i>Frontiers in Medicine</i> , 2021, 8, 761788.	2.6	4
13	A quasi-confocal droplet reader based on laser-induced fluorescence (LIF) cytometry for highly-sensitive and contamination-free detection. <i>Talanta</i> , 2020, 206, 120200.	5.5	9
14	Evaluation of the clinical performance of single-, dual-, and triple-target SARS-CoV-2 RT-qPCR methods. <i>Clinica Chimica Acta</i> , 2020, 511, 143-148.	1.1	15
15	Comparison of qualitative and quantitative analyses of COVID-19 clinical samples. <i>Clinica Chimica Acta</i> , 2020, 510, 613-616.	1.1	34
16	Self-assembly of isotropic colloids into colloidal strings, Bernal spiral-like, and tubular clusters. <i>Chemical Communications</i> , 2020, 56, 6309-6312.	4.1	11
17	Effect of Convalescent Plasma Therapy on Time to Clinical Improvement in Patients With Severe and Life-threatening COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 460.	7.4	1,061
18	Influence of Different Inactivation Methods on Severe Acute Respiratory Syndrome Coronavirus 2 RNA Copy Number. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	41

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19	Clinical evaluation of the effectiveness of fusion-induced asymmetric transcription assay-based reverse transcription droplet digital PCR for ALK detection in formalin-fixed paraffin-embedded samples from lung cancer. <i>Thoracic Cancer</i> , 2020, 11, 2252-2261.	1.9	9
20	Quantitative Detection and Viral Load Analysis of SARS-CoV-2 in Infected Patients. <i>Clinical Infectious Diseases</i> , 2020, 71, 793-798.	5.8	578
21	Establishment and validation of a novel droplet digital PCR assay for ultrasensitive detection and dynamic monitoring of EGFR mutations in peripheral blood samples of non-small-cell lung cancer patients. <i>Clinica Chimica Acta</i> , 2020, 510, 88-96.	1.1	4
22	Sample-to-Answer-Detection of Rare ctDNA Mutation from 2 mL Plasma with a Fully Integrated DNA Extraction and Digital Droplet PCR Microdevice for Liquid Biopsy. <i>Analytical Chemistry</i> , 2020, 92, 7240-7248.	6.5	37
23	Highly Sensitive Droplet Digital PCR Method for Detection of de novo EGFR T790M Mutation in Patients with Non-Small Cell Lung Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 10621-10630.	2.0	12
24	A density-watershed algorithm (DWA) method for robust, accurate and automatic classification of dual-fluorescence and four-cluster droplet digital PCR data. <i>Analyst</i> , The, 2019, 144, 4757-4771.	3.5	13
25	A multiplex droplet digital PCR assay for non-invasive prenatal testing of fetal aneuploidies. <i>Analyst</i> , The, 2019, 144, 2239-2247.	3.5	40
26	Dimple Colloids with Tunable Cavity Size and Surface Functionalities. <i>Macromolecules</i> , 2019, 52, 4287-4294.	4.8	12
27	Fast and Parallel Detection of Four Ebola Virus Species on a Microfluidic-Chip-Based Portable Reverse Transcription Loop-Mediated Isothermal Amplification System. <i>Micromachines</i> , 2019, 10, 777.	2.9	18
28	A real-time cosine similarity algorithm method for continuous monitoring of dynamic droplet generation processes. <i>AIP Advances</i> , 2019, 9, 105201.	1.3	1
29	One-step bonding and hydrophobic surface modification method for rapid fabrication of polycarbonate-based droplet microfluidic chips. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 60-68.	7.8	40
30	Functional Variants Identified Efficiently through an Integrated Transcriptome and Epigenome Analysis. <i>Scientific Reports</i> , 2018, 8, 2959.	3.3	9
31	A Cosine Similarity Algorithm Method for Fast and Accurate Monitoring of Dynamic Droplet Generation Processes. <i>Scientific Reports</i> , 2018, 8, 9967.	3.3	9
32	Noninvasive and Accurate Detection of Hereditary Hearing Loss Mutations with Buccal Swab Based on Droplet Digital PCR. <i>Analytical Chemistry</i> , 2018, 90, 8919-8926.	6.5	20
33	A non-viral CRISPR/Cas9 delivery system for therapeutically targeting HBV DNA and pcsk9 in vivo. <i>Cell Research</i> , 2017, 27, 440-443.	12.0	255
34	pH Reversible Encapsulation of Oppositely Charged Colloids Mediated by Polyelectrolytes. <i>Langmuir</i> , 2017, 33, 4551-4558.	3.5	7
35	High-Speed Compressive Microscopy of Flowing Cells Using Sinusoidal Illumination Patterns. <i>IEEE Photonics Journal</i> , 2017, 9, 1-11.	2.0	12
36	Hepatitis B Virus Encoded X Protein Suppresses Apoptosis by Inhibition of the Caspase-Independent Pathway. <i>Journal of Proteome Research</i> , 2012, 11, 4803-4813.	3.7	25

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37	MicroRNAs-372/373 promote the expression of hepatitis B virus through the targeting of nuclear factor I/B. <i>Hepatology</i> , 2011, 54, 808-819.	7.3	109
38	Diagnostic and prognostic implications of microRNAs in human hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2008, 123, 1616-1622.	5.1	287
39	Distinctive MicroRNA Profiles Relating to Patient Survival in Esophageal Squamous Cell Carcinoma. <i>Cancer Research</i> , 2008, 68, 26-33.	0.9	323
40	Genomic Analysis of Anti-Hepatitis B Virus (HBV) Activity by Small Interfering RNA and Lamivudine in Stable HBV-Producing Cells. <i>Journal of Virology</i> , 2005, 79, 14392-14403.	3.4	113