

Chao Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

615
citations

933410

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h-index

1058452

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docs citations

15
times ranked

1391
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Dynamic molecular choreography induced by traffic exposure: A randomized, crossover trial using multi-omics profiling. <i>Journal of Hazardous Materials</i> , 2022, 424, 127359. | 12.4 | 16 |
| 2 | Multi-omic Profiling Reveals that Intra-abdominal-Hypertension-Induced Intestinal Damage Can Be Prevented by Microbiome and Metabolic Modulations with 5-Hydroxyindoleacetic Acid as a Diagnostic Marker. <i>MSystems</i> , 2022, 7, e0120421. | 3.8 | 6 |
| 3 | Precision environmental health monitoring by longitudinal exposome and multi-omics profiling. <i>Genome Research</i> , 2022, 32, 1199-1214. | 5.5 | 26 |
| 4 | Decoding personal biotic and abiotic airborne exposome. <i>Nature Protocols</i> , 2021, 16, 1129-1151. | 12.0 | 21 |
| 5 | Proteasome regulation by reversible tyrosine phosphorylation at the membrane. <i>Oncogene</i> , 2021, 40, 1942-1956. | 5.9 | 7 |
| 6 | Prevention of Severe Intestinal Barrier Dysfunction Through a Single-Species Probiotics is Associated With the Activation of Microbiome-Mediated Glutamate→Glutamine Biosynthesis. <i>Shock</i> , 2021, 55, 128-137. | 2.1 | 7 |
| 7 | Patient-derived SARS-CoV-2 mutations impact viral replication dynamics and infectivity in vitro and with clinical implications in vivo. <i>Cell Discovery</i> , 2020, 6, 76. | 6.7 | 72 |
| 8 | Humans Are Selectively Exposed to <i>Pneumocystis jirovecii</i> . <i>MBio</i> , 2020, 11, . | 4.1 | 8 |
| 9 | Dynamic Human Environmental Exposome Revealed by Longitudinal Personal Monitoring. <i>Cell</i> , 2018, 175, 277-291.e31. | 28.9 | 137 |
| 10 | Disruption of mesoderm formation during cardiac differentiation due to developmental exposure to 13-cis-retinoic acid. <i>Scientific Reports</i> , 2018, 8, 12960. | 3.3 | 19 |
| 11 | Genome-Wide Temporal Profiling of Transcriptome and Open Chromatin of Early Cardiomyocyte Differentiation Derived From hiPSCs and hESCs. <i>Circulation Research</i> , 2017, 121, 376-391. | 4.5 | 118 |
| 12 | Synthetic long-read sequencing reveals intraspecies diversity in the human microbiome. <i>Nature Biotechnology</i> , 2016, 34, 64-69. | 17.5 | 93 |
| 13 | Mechanisms of bacterial morphogenesis: Evolutionary cell biology approaches provide new insights. <i>BioEssays</i> , 2015, 37, 413-425. | 2.5 | 18 |
| 14 | Sequential evolution of bacterial morphology by co-option of a developmental regulator. <i>Nature</i> , 2014, 506, 489-493. | 27.8 | 65 |