

Daniel J Butler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4161499/publications.pdf>

Version: 2024-02-01

24
papers

1,156
citations

623574

14
h-index

610775

24
g-index

34
all docs

34
docs citations

34
times ranked

2220
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | System-wide transcriptome damage and tissue identity loss in COVID-19 patients. <i>Cell Reports Medicine</i> , 2022, 3, 100522. | 3.3 | 24 |
| 2 | Betacoronavirus-specific alternate splicing. <i>Genomics</i> , 2022, 114, 110270. | 1.3 | 12 |
| 3 | The Isolation and Characterization of Rare Mycobiome Associated With Spacecraft Assembly Cleanrooms. <i>Frontiers in Microbiology</i> , 2022, 13, 777133. | 1.5 | 7 |
| 4 | Transcriptional response modules characterize IL-1 β and IL-6 activity in COVID-19. <i>IScience</i> , 2021, 24, 101896. | 1.9 | 28 |
| 5 | Efficacy of Daily Intake of Dried Cranberry 500 mg in Women with Overactive Bladder: A Randomized, Double-Blind, Placebo Controlled Study. <i>Journal of Urology</i> , 2021, 205, 507-513. | 0.2 | 2 |
| 6 | Shotgun transcriptome, spatial omics, and isothermal profiling of SARS-CoV-2 infection reveals unique host responses, viral diversification, and drug interactions. <i>Nature Communications</i> , 2021, 12, 1660. | 5.8 | 132 |
| 7 | Cross-oncopanel study reveals high sensitivity and accuracy with overall analytical performance depending on genomic regions. <i>Genome Biology</i> , 2021, 22, 109. | 3.8 | 20 |
| 8 | A verified genomic reference sample for assessing performance of cancer panels detecting small variants of low allele frequency. <i>Genome Biology</i> , 2021, 22, 111. | 3.8 | 29 |
| 9 | A comprehensive metagenomics framework to characterize organisms relevant for planetary protection. <i>Microbiome</i> , 2021, 9, 82. | 4.9 | 15 |
| 10 | Haplotype diversity and sequence heterogeneity of human telomeres. <i>Genome Research</i> , 2021, 31, 1269-1279. | 2.4 | 19 |
| 11 | A global metagenomic map of urban microbiomes and antimicrobial resistance. <i>Cell</i> , 2021, 184, 3376-3393.e17. | 13.5 | 164 |
| 12 | Establishing community reference samples, data and call sets for benchmarking cancer mutation detection using whole-genome sequencing. <i>Nature Biotechnology</i> , 2021, 39, 1151-1160. | 9.4 | 39 |
| 13 | PRMT5 Inhibition Modulates E2F1 and P53 to Restore Cell Cycle Regulation and Drive DNA Damage Response in Ibrutinib-Resistant Mantle Cell Lymphoma. <i>Blood</i> , 2021, 138, 787-787. | 0.6 | 0 |
| 14 | A Rapid, Isothermal, and Point-of-Care System for COVID-19 Diagnostics. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 221-227. | 0.8 | 6 |
| 15 | Loop-Mediated Isothermal Amplification Detection of SARS-CoV-2 and Myriad Other Applications. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 228-275. | 0.8 | 28 |
| 16 | The SEQC2 epigenomics quality control (EpiQC) study. <i>Genome Biology</i> , 2021, 22, 332. | 3.8 | 20 |
| 17 | Clonal Hematopoiesis Before, During, and After Human Spaceflight. <i>Cell Reports</i> , 2020, 33, 108458. | 2.9 | 30 |
| 18 | Circulating miRNA Spaceflight Signature Reveals Targets for Countermeasure Development. <i>Cell Reports</i> , 2020, 33, 108448. | 2.9 | 35 |

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|----|--|------|-----------|
| 19 | Multi-omic, Single-Cell, and Biochemical Profiles of Astronauts Guide Pharmacological Strategies for Returning to Gravity. Cell Reports, 2020, 33, 108429. | 2.9 | 37 |
| 20 | Telomere Length Dynamics and DNA Damage Responses Associated with Long-Duration Spaceflight. Cell Reports, 2020, 33, 108457. | 2.9 | 48 |
| 21 | Cell-free DNA (cfDNA) and Exosome Profiling from a Year-Long Human Spaceflight Reveals Circulating Biomarkers. IScience, 2020, 23, 101844. | 1.9 | 31 |
| 22 | Immune complement and coagulation dysfunction in adverse outcomes of SARS-CoV-2 infection. Nature Medicine, 2020, 26, 1609-1615. | 15.2 | 255 |
| 23 | Obesity and ethnicity alter gene expression in skin. Scientific Reports, 2020, 10, 14079. | 1.6 | 8 |
| 24 | Temporal Telomere and DNA Damage Responses in the Space Radiation Environment. Cell Reports, 2020, 33, 108435. | 2.9 | 40 |