

# 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	Immune complement and coagulation dysfunction in adverse outcomes of SARS-CoV-2 infection. <i>Nature Medicine</i> , 2020, 26, 1609-1615.	15.2	255
2	A global metagenomic map of urban microbiomes and antimicrobial resistance. <i>Cell</i> , 2021, 184, 3376-3393.e17.	13.5	164
3	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
4	Telomere Length Dynamics and DNA Damage Responses Associated with Long-Duration Spaceflight. <i>Cell Reports</i> , 2020, 33, 108457.	2.9	48
5	Temporal Telomere and DNA Damage Responses in the Space Radiation Environment. <i>Cell Reports</i> , 2020, 33, 108435.	2.9	40
6	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
7	Multi-omic, Single-Cell, and Biochemical Profiles of Astronauts Guide Pharmacological Strategies for Returning to Gravity. <i>Cell Reports</i> , 2020, 33, 108429.	2.9	37
8	Circulating miRNA Spaceflight Signature Reveals Targets for Countermeasure Development. <i>Cell Reports</i> , 2020, 33, 108448.	2.9	35
9	Cell-free DNA (cfDNA) and Exosome Profiling from a Year-Long Human Spaceflight Reveals Circulating Biomarkers. <i>IScience</i> , 2020, 23, 101844.	1.9	31
10	Clonal Hematopoiesis Before, During, and After Human Spaceflight. <i>Cell Reports</i> , 2020, 33, 108458.	2.9	30
11	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
12	Transcriptional response modules characterize IL-1 $\beta$ and IL-6 activity in COVID-19. <i>IScience</i> , 2021, 24, 101896.	1.9	28
13	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
14	System-wide transcriptome damage and tissue identity loss in COVID-19 patients. <i>Cell Reports Medicine</i> , 2022, 3, 100522.	3.3	24
15	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
16	The SEQC2 epigenomics quality control (EpiQC) study. <i>Genome Biology</i> , 2021, 22, 332.	3.8	20
17	Haplotype diversity and sequence heterogeneity of human telomeres. <i>Genome Research</i> , 2021, 31, 1269-1279.	2.4	19
18	A comprehensive metagenomics framework to characterize organisms relevant for planetary protection. <i>Microbiome</i> , 2021, 9, 82.	4.9	15

#	ARTICLE	IF	CITATIONS
19	Betacoronavirus-specific alternate splicing. <i>Genomics</i> , 2022, 114, 110270.	1.3	12
20	Obesity and ethnicity alter gene expression in skin. <i>Scientific Reports</i> , 2020, 10, 14079.	1.6	8
21	The Isolation and Characterization of Rare Mycobiome Associated With Spacecraft Assembly Cleanrooms. <i>Frontiers in Microbiology</i> , 2022, 13, 777133.	1.5	7
22	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
23	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
24	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