

Scott Sherrill-Mix

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,248
citations

172457

29
h-index

243625

44
g-index

52
all docs

52
docs citations

52
times ranked

7738
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of placenta samples with contamination controls does not provide evidence for a distinct placenta microbiota. <i>Microbiome</i> , 2016, 4, 29.	11.1	447
2	Optimizing methods and dodging pitfalls in microbiome research. <i>Microbiome</i> , 2017, 5, 52.	11.1	420
3	U1 snRNP Determines mRNA Length and Regulates Isoform Expression. <i>Cell</i> , 2012, 150, 53-64.	28.9	392
4	Power and sample-size estimation for microbiome studies using pairwise distances and PERMANOVA. <i>Bioinformatics</i> , 2015, 31, 2461-2468.	4.1	326
5	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
6	Lack of detection of a human placenta microbiome in samples from preterm and term deliveries. <i>Microbiome</i> , 2018, 6, 196.	11.1	221
7	The stepwise assembly of the neonatal virome is modulated by breastfeeding. <i>Nature</i> , 2020, 581, 470-474.	27.8	185
8	Resistance to type 1 interferons is a major determinant of HIV-1 transmission fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E590-E599.	7.1	137
9	Hepatitis C Virus Transmission Bottlenecks Analyzed by Deep Sequencing. <i>Journal of Virology</i> , 2010, 84, 6218-6228.	3.4	135
10	Engineering HIV-Resistant Human CD4+ T Cells with CXCR4-Specific Zinc-Finger Nucleases. <i>PLoS Pathogens</i> , 2011, 7, e1002020.	4.7	130
11	A tool kit for quantifying eukaryotic rRNA gene sequences from human microbiome samples. <i>Genome Biology</i> , 2012, 13, R60.	9.6	121
12	Dynamic regulation of HIV-1 mRNA populations analyzed by single-molecule enrichment and long-read sequencing. <i>Nucleic Acids Research</i> , 2012, 40, 10345-10355.	14.5	114
13	HIV latency and integration site placement in five cell-based models. <i>Retrovirology</i> , 2013, 10, 90.	2.0	104
14	DNA binding to TLR9 expressed by red blood cells promotes innate immune activation and anemia. <i>Science Translational Medicine</i> , 2021, 13, eabj1008.	12.4	90
15	HIV-1 latent reservoir size and diversity are stable following brief treatment interruption. <i>Journal of Clinical Investigation</i> , 2018, 128, 3102-3115.	8.2	88
16	Covalent Modification of Bacteriophage T4 DNA Inhibits CRISPR-Cas9. <i>MBio</i> , 2015, 6, e00648.	4.1	87
17	CD19-targeting CAR T cell immunotherapy outcomes correlate with genomic modification by vector integration. <i>Journal of Clinical Investigation</i> , 2019, 130, 673-685.	8.2	78
18	Single-cell transcriptional landscapes reveal HIV-1-driven aberrant host gene transcription as a potential therapeutic target. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	75

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19	Detection of SARS-CoV-2 RNA using RT-LAMP and molecular beacons. <i>Genome Biology</i> , 2021, 22, 169.	8.8	61
20	Population characteristics and seasonal migrations of leatherback sea turtles at high latitudes. <i>Marine Ecology - Progress Series</i> , 2007, 337, 245-254.	1.9	59
21	Structural Basis for Inhibitor-Induced Aggregation of HIV Integrase. <i>PLoS Biology</i> , 2016, 14, e1002584.	5.6	56
22	Heightened resistance to host type 1 interferons characterizes HIV-1 at transmission and after antiretroviral therapy interruption. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	54
23	<i>Plasmodium falciparum</i> -like parasites infecting wild apes in southern Cameroon do not represent a recurrent source of human malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7020-7025.	7.1	53
24	Canadian waters provide critical foraging habitat for leatherback sea turtles. <i>Biological Conservation</i> , 2006, 133, 347-357.	4.1	50
25	Predictors of Nonseroconversion after SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2021, 27, 2454-2458.	4.3	48
26	CpG Frequency in the 5' Third of the <i>env</i> Gene Determines Sensitivity of Primary HIV-1 Strains to the Zinc-Finger Antiviral Protein. <i>MBio</i> , 2020, 11, .	4.1	46
27	Wild bonobos host geographically restricted malaria parasites including a putative new <i>Laverania</i> species. <i>Nature Communications</i> , 2017, 8, 1635.	12.8	45
28	Gene activity in primary T cells infected with HIV89.6: intron retention and induction of genomic repeats. <i>Retrovirology</i> , 2015, 12, 79.	2.0	40
29	Migration cues and timing in leatherback sea turtles. <i>Behavioral Ecology</i> , 2008, 19, 231-236.	2.2	37
30	Allometry and Ecology of the Bilaterian Gut Microbiome. <i>MBio</i> , 2018, 9, .	4.1	29
31	Loop-Mediated Isothermal Amplification Detection of SARS-CoV-2 and Myriad Other Applications. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 228-275.	1.5	28
32	SARS-CoV-2 Genomic Variation in Space and Time in Hospitalized Patients in Philadelphia. <i>MBio</i> , 2021, 12, .	4.1	27
33	A cone-beam computed tomographic evaluation of alveolar bone dimensional changes and the periodontal limits of mandibular incisor advancement in skeletal Class II patients. <i>Angle Orthodontist</i> , 2020, 90, 330-338.	2.4	25
34	A Reverse Transcription Loop-Mediated Isothermal Amplification Assay Optimized to Detect Multiple HIV Subtypes. <i>PLoS ONE</i> , 2015, 10, e0117852.	2.5	23
35	CD4 receptor diversity in chimpanzees protects against SIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3229-3238.	7.1	21
36	Virus structures constrain transmission modes. <i>Nature Microbiology</i> , 2019, 4, 1778-1780.	13.3	20

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37	Saving endangered whales at no cost. <i>Current Biology</i> , 2007, 17, R10-R11.	3.9	19
38	HIV Sequence Variation Associated With env Antisense Adoptive T-cell Therapy in the hNSG Mouse Model. <i>Molecular Therapy</i> , 2010, 18, 803-811.	8.2	19
39	Evaluating potential tagging effects on leatherback sea turtles. <i>Endangered Species Research</i> , 2008, 4, 187-193.	2.4	17
40	Molecular Beacons Allow Specific RT-LAMP Detection of B.1.1.7 Variant SARS-CoV-2. <i>Journal of Biomolecular Techniques</i> , 2021, 32, 98-101.	1.5	17
41	Phylogeography and Molecular Epidemiology of an Epidemic Strain of Dengue Virus Type 1 in Sri Lanka. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 225-234.	1.4	16
42	SARS-CoV-2 Variants Associated with Vaccine Breakthrough in the Delaware Valley through Summer 2021. <i>MBio</i> , 2022, 13, e0378821.	4.1	11
43	CD4 receptor diversity represents an ancient protection mechanism against primate lentiviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
44	A Summary of the Fifth Annual Virology Education HIV Microbiome Workshop. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 886-895.	1.1	2
45	A Summary of the Sixth International Workshop on Microbiome in HIV Pathogenesis, Prevention, and Treatment. <i>AIDS Research and Human Retroviruses</i> , 2022, 38, 173-180.	1.1	0