

Steven R Gill

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

8,192
citations

279798

23
h-index

254184

43
g-index

54
all docs

54
docs citations

54
times ranked

12077
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of <i>Clostridioides difficile</i> in 2 Regions of the United States Reveals a Diversity of Strains and Limited Transmission. <i>Journal of Infectious Diseases</i> , 2022, 225, 121-129.	4.0	2
2	IL-17-Dependent Dysregulated Cutaneous Immune Homeostasis in the Absence of the Wiskott-Aldrich Syndrome Protein. <i>Frontiers in Immunology</i> , 2022, 13, 817427.	4.8	1
3	Modulation of Gut Microbiota Metabolism in Obesity-Related Type 2 Diabetes Reduces Osteomyelitis Severity. <i>Microbiology Spectrum</i> , 2022, 10, e0017022.	3.0	13
4	Aberrant newborn T cell and microbiota developmental trajectories predict respiratory compromise during infancy. <i>iScience</i> , 2022, 25, 104007.	4.1	5
5	Eight practices for data management to enable team data science. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e14.	0.6	2
6	Temporal Dysbiosis of Infant Nasal Microbiota Relative to Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2021, 223, 1650-1658.	4.0	9
7	Airway Gene Expression Correlates of Respiratory Syncytial Virus Disease Severity and Microbiome Composition in Infants. <i>Journal of Infectious Diseases</i> , 2021, 223, 1639-1649.	4.0	17
8	<i>Staphylococcus aureus</i> Tolerance and Genomic Response to Photodynamic Inactivation. <i>MSphere</i> , 2021, 6, .	2.9	11
9	<i>Staphylococcus aureus</i> Cell Wall Biosynthesis Modulates Bone Invasion and Osteomyelitis Pathogenesis. <i>Frontiers in Microbiology</i> , 2021, 12, 723498.	3.5	19
10	Prediction of early childhood caries onset and oral microbiota. <i>Molecular Oral Microbiology</i> , 2021, 36, 255-257.	2.7	3
11	A systems genomics approach uncovers molecular associates of RSV severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009617.	3.2	3
12	The gut microbiome-joint connection: implications in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2020, 32, 92-101.	4.3	64
13	Best Practices for Successfully Writing and Publishing a Genome Announcement in <i>Microbiology Resource Announcements</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
14	Oral microbiome: possible harbinger for children's health. <i>International Journal of Oral Science</i> , 2020, 12, 12.	8.6	105
15	Identification of Penicillin Binding Protein 4 (PBP4) as a critical factor for <i>Staphylococcus aureus</i> bone invasion during osteomyelitis in mice. <i>PLoS Pathogens</i> , 2020, 16, e1008988.	4.7	32
16	The Interplay Between Respiratory Microbiota and Innate Immunity in Flavor E-Cigarette Vaping Induced Lung Dysfunction. <i>Frontiers in Microbiology</i> , 2020, 11, 589501.	3.5	10
17	Measuring the Severity of Respiratory Illness in the First 2 Years of Life in Preterm and Term Infants. <i>Journal of Pediatrics</i> , 2019, 214, 12-19.e3.	1.8	3
18	Evolving concepts in bone infection: redefining "biofilm", "acute vs. chronic osteomyelitis", "the immune proteome" and "local antibiotic therapy". <i>Bone Research</i> , 2019, 7, 20.	11.4	300

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19	Microbiome-Transcriptome Interactions Related to Severity of Respiratory Syncytial Virus Infection. <i>Scientific Reports</i> , 2019, 9, 13824.	3.3	30
20	An in vitro platform for elucidating the molecular genetics of <i>S. aureus</i> invasion of the osteocyte lacuno-canalicular network during chronic osteomyelitis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102039.	3.3	28
21	The Response of <i>nor</i> and <i>nos</i> Contributes to <i>Staphylococcus aureus</i> Virulence and Metabolism. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	7
22	Aims, Study Design, and Enrollment Results From the Assessing Predictors of Infant Respiratory Syncytial Virus Effects and Severity Study. <i>JMIR Research Protocols</i> , 2019, 8, e12907.	1.0	9
23	Prevalence of High-Risk Human Papillomavirus in Tonsil Tissue in Healthy Adults and Colocalization in Biofilm of Tonsillar Crypts. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018, 144, 231.	2.2	28
24	Obesity/type 2 diabetes increases inflammation, periosteal reactive bone formation, and osteolysis during <i>Staphylococcus aureus</i> implant-associated bone infection. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1614-1623.	2.3	30
25	Targeting the gut microbiome to treat the osteoarthritis of obesity. <i>JCI Insight</i> , 2018, 3, .	5.0	166
26	Tracking Anti- <i>Staphylococcus aureus</i> Antibodies Produced <i>In Vivo</i> and <i>Ex Vivo</i> during Foot Salvage Therapy for Diabetic Foot Infections Reveals Prognostic Insights and Evidence of Diversified Humoral Immunity. <i>Infection and Immunity</i> , 2018, 86, .	2.2	30
27	Neonatal gut and respiratory microbiota: coordinated development through time and space. <i>Microbiome</i> , 2018, 6, 193.	11.1	68
28	Exacerbated <i>Staphylococcus aureus</i> Foot Infections in Obese/Diabetic Mice Are Associated with Impaired Germinal Center Reactions, Ig Class Switching, and Humoral Immunity. <i>Journal of Immunology</i> , 2018, 201, 560-572.	0.8	21
29	Antimicrobials from human skin commensal bacteria protect against <i>Staphylococcus aureus</i> and are deficient in atopic dermatitis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	744
30	Adaptive Upregulation of Clumping Factor A (ClfA) by <i>Staphylococcus aureus</i> in the Obese, Type 2 Diabetic Host Mediates Increased Virulence. <i>Infection and Immunity</i> , 2017, 85, .	2.2	33
31	Viral Respiratory Infections in Preterm Infants during and after Hospitalization. <i>Journal of Pediatrics</i> , 2017, 182, 53-58.e3.	1.8	22
32	Impact of prematurity and nutrition on the developing gut microbiome and preterm infant growth. <i>Microbiome</i> , 2017, 5, 158.	11.1	115
33	<i>Candida albicans</i> Carriage in Children with Severe Early Childhood Caries (S-ECC) and Maternal Relatedness. <i>PLoS ONE</i> , 2016, 11, e0164242.	2.5	84
34	Nasopharyngeal Microbiome Composition During Acute Respiratory Illnesses and Asymptomatic Periods in Young Peruvian Children. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
35	The Healthy Infant Nasal Transcriptome: A Benchmark Study. <i>Scientific Reports</i> , 2016, 6, 33994.	3.3	25
36	Sequential Evolution of Vancomycin-Intermediate Resistance Alters Virulence in <i>Staphylococcus aureus</i> : Pharmacokinetic/Pharmacodynamic Targets for Vancomycin Exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1584-1591.	3.2	18

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37	The effect of antibiotics on the microbiome in acute exacerbations of chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2015, 5, 884-893.	2.8	38
38	Potential Influence of Staphylococcus aureus Clonal Complex 30 Genotype and Transcriptome on Hematogenous Infections. Open Forum Infectious Diseases, 2015, 2, ofv093.	0.9	28
39	The impact of postnatal antibiotics on the preterm intestinal microbiome. Pediatric Research, 2014, 76, 150-158.	2.3	65
40	Evolution in Fast Forward: a Potential Role for Mutators in Accelerating Staphylococcus aureus Pathoadaptation. Journal of Bacteriology, 2013, 195, 615-628.	2.2	33
41	Potential Associations between Severity of Infection and the Presence of Virulence-Associated Genes in Clinical Strains of Staphylococcus aureus. PLoS ONE, 2011, 6, e18673.	2.5	38
42	Development of pooled suppression subtractive hybridization to analyze the pangenome of Staphylococcus aureus. Journal of Microbiological Methods, 2010, 81, 56-60.	1.6	7
43	Potential Associations between Hematogenous Complications and Bacterial Genotype in <i>Staphylococcus aureus</i> Infection. Journal of Infectious Diseases, 2007, 196, 738-747.	4.0	148
44	Metagenomic Analysis of the Human Distal Gut Microbiome. Science, 2006, 312, 1355-1359.	12.6	3,964
45	Insights on Evolution of Virulence and Resistance from the Complete Genome Analysis of an Early Methicillin-Resistant <i>Staphylococcus aureus</i> Strain and a Biofilm-Producing Methicillin-Resistant <i>Staphylococcus epidermidis</i> Strain. Journal of Bacteriology, 2005, 187, 2426-2438.	2.2	940
46	Global Transposon Mutagenesis and a Minimal Mycoplasma Genome. Science, 1999, 286, 2165-2169.	12.6	867
47	Genomics of the Staphylococci. , 0, , 19-30.		1