

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	Metagenomic Analysis of the Human Distal Gut Microbiome. <i>Science</i> , 2006, 312, 1355-1359.	12.6	3,964
2	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. <i>Journal of Bacteriology</i> , 2005, 187, 2426-2438.	2.2	940
3	Global Transposon Mutagenesis and a Minimal <i>Mycoplasma</i> Genome. <i>Science</i> , 1999, 286, 2165-2169.	12.6	867
4	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
5	Evolving concepts in bone infection: redefining "biofilm" vs. chronic osteomyelitis, "the immune proteome" and "local antibiotic therapy". <i>Bone Research</i> , 2019, 7, 20.	11.4	300
6	Targeting the gut microbiome to treat the osteoarthritis of obesity. <i>JCI Insight</i> , 2018, 3, .	5.0	166
7	Potential Associations between Hematogenous Complications and Bacterial Genotype in <i>Staphylococcus aureus</i> Infection. <i>Journal of Infectious Diseases</i> , 2007, 196, 738-747.	4.0	148
8	Impact of prematurity and nutrition on the developing gut microbiome and preterm infant growth. <i>Microbiome</i> , 2017, 5, 158.	11.1	115
9	Oral microbiome: possible harbinger for children's health. <i>International Journal of Oral Science</i> , 2020, 12, 12.	8.6	105
10	<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
11	Neonatal gut and respiratory microbiota: coordinated development through time and space. <i>Microbiome</i> , 2018, 6, 193.	11.1	68
12	The impact of postnatal antibiotics on the preterm intestinal microbiome. <i>Pediatric Research</i> , 2014, 76, 150-158.	2.3	65
13	The gut microbiome-joint connection: implications in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2020, 32, 92-101.	4.3	64
14	The effect of antibiotics on the microbiome in acute exacerbations of chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 884-893.	2.8	38
15	Potential Associations between Severity of Infection and the Presence of Virulence-Associated Genes in Clinical Strains of <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2011, 6, e18673.	2.5	38
16	Evolution in Fast Forward: a Potential Role for Mutators in Accelerating <i>Staphylococcus aureus</i> Pathoadaptation. <i>Journal of Bacteriology</i> , 2013, 195, 615-628.	2.2	33
17	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
18	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

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19	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
20	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
21	Microbiome-Transcriptome Interactions Related to Severity of Respiratory Syncytial Virus Infection. <i>Scientific Reports</i> , 2019, 9, 13824.	3.3	30
22	Potential Influence of <i>Staphylococcus aureus</i> Clonal Complex 30 Genotype and Transcriptome on Hematogenous Infections. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv093.	0.9	28
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	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
25	The Healthy Infant Nasal Transcriptome: A Benchmark Study. <i>Scientific Reports</i> , 2016, 6, 33994.	3.3	25
26	Viral Respiratory Infections in Preterm Infants during and after Hospitalization. <i>Journal of Pediatrics</i> , 2017, 182, 53-58.e3.	1.8	22
27	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
28	<i>Staphylococcus aureus</i> Cell Wall Biosynthesis Modulates Bone Invasion and Osteomyelitis Pathogenesis. <i>Frontiers in Microbiology</i> , 2021, 12, 723498.	3.5	19
29	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
30	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
31	Modulation of Gut Microbiota Metabolism in Obesity-Related Type 2 Diabetes Reduces Osteomyelitis Severity. <i>Microbiology Spectrum</i> , 2022, 10, e0017022.	3.0	13
32	<i>Staphylococcus aureus</i> Tolerance and Genomic Response to Photodynamic Inactivation. <i>MSphere</i> , 2021, 6, .	2.9	11
33	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
34	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
35	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
36	Development of pooled suppression subtractive hybridization to analyze the pangenome of <i>Staphylococcus aureus</i> . <i>Journal of Microbiological Methods</i> , 2010, 81, 56-60.	1.6	7

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37	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
38	Aberrant newborn T cell and microbiota developmental trajectories predict respiratory compromise during infancy. <i>IScience</i> , 2022, 25, 104007.	4.1	5
39	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
40	Prediction of early childhood caries onset and oral microbiota. <i>Molecular Oral Microbiology</i> , 2021, 36, 255-257.	2.7	3
41	A systems genomics approach uncovers molecular associates of RSV severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009617.	3.2	3
42	Eight practices for data management to enable team data science. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e14.	0.6	2
43	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
44	Genomics of the Staphylococci. , 0, , 19-30.		1
45	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
46	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
47	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