

Eric W Triplett

List of Publications by Year in descending order

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95
papers

9,020
citations

87401

40
h-index

49824

91
g-index

103
all docs

103
docs citations

103
times ranked

13761
citing authors

#	ARTICLE	IF	CITATIONS
1	Post translational modifications of Trifolitoxin: a blue fluorescent peptide antibiotic. <i>Journal of Antibiotics</i> , 2022, 75, 125-135.	1.0	1
2	Unamplified, Long-Read Metagenomic Sequencing Approach to Close Endosymbiont Genomes of Low-Biomass Insect Populations. <i>Microorganisms</i> , 2022, 10, 513.	1.6	6
3	Temporal changes in gastrointestinal fungi and the risk of autoimmunity during early childhood: the TEDDY study. <i>Nature Communications</i> , 2022, 13, .	5.8	13
4	Depression phenotype identified by using single nucleotide exact amplicon sequence variants of the human gut microbiome. <i>Molecular Psychiatry</i> , 2021, 26, 4277-4287.	4.1	46
5	Routine Early Antibiotic Use in Symptomatic Preterm Neonates: A Pilot Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2021, 229, 294-298.e3.	0.9	13
6	Antibiotics and the developing intestinal microbiome, metabolome and inflammatory environment in a randomized trial of preterm infants. <i>Scientific Reports</i> , 2021, 11, 1943.	1.6	40
7	Transfer of oral bacteria to the fetus during late gestation. <i>Scientific Reports</i> , 2021, 11, 708.	1.6	4
8	Integrative analyses of TEDDY Omics data reveal lipid metabolism abnormalities, increased intracellular ROS and heightened inflammation prior to autoimmunity for type 1 diabetes. <i>Genome Biology</i> , 2021, 22, 39.	3.8	22
9	The Need for Equitable Scholarship Criteria for Part-Time Students. <i>Innovative Higher Education</i> , 2021, 46, 461-479.	1.5	1
10	Selection of transgenic citrus plants based on glyphosate tolerance conferred by a citrus 5-enolpyruvylshikimate-3-phosphate synthase variant. <i>Plant Cell Reports</i> , 2021, 40, 1947-1956.	2.8	2
11	A Six-Day, Lifestyle-Based Immersion Program Mitigates Cardiovascular Risk Factors and Induces Shifts in Gut Microbiota, Specifically Lachnospiraceae, Ruminococcaceae, Faecalibacterium prausnitzii: A Pilot Study. <i>Nutrients</i> , 2021, 13, 3459.	1.7	31
12	Community development, implementation, and assessment of a NIBLSE bioinformatics sequence similarity learning resource. <i>PLoS ONE</i> , 2021, 16, e0257404.	1.1	4
13	There Is More than Multiple Choice: Crowd-Sourced Assessment Tips for Online, Hybrid, and Face-to-Face Environments. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	0.5	2
14	<scp>pime</scp>: A package for discovery of novel differences among microbial communities. <i>Molecular Ecology Resources</i> , 2020, 20, 415-428.	2.2	38
15	Antibiotics Effects on the Fecal Metabolome in Preterm Infants. <i>Metabolites</i> , 2020, 10, 331.	1.3	16
16	Online and in-Person Delivery of Upper Division Lecture Courses in Undergraduate Life Sciences Degree Programs Leads to Equivalent Post-Graduate Degree Outcomes. <i>Journal for STEM Education Research</i> , 2020, 3, 403-412.	0.5	4
17	Remarkably Complex Microbial Community Composition in Bromeliad Tank Waters Revealed by eDNA Metabarcoding. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 593-607.	0.8	3
18	Incubators: Building community networks and developing open educational resources to integrate bioinformatics into life science education. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 381-390.	0.5	18

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19	Dolomite and Compost Amendments Enhance Cu Phytostabilization and Increase Microbiota of the Leachates from a Cu-Contaminated Soil. <i>Agronomy</i> , 2020, 10, 719.	1.3	6
20	Contamination Is Not Linked to the Gestational Microbiome. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	2
21	Genetic risk for autoimmunity is associated with distinct changes in the human gut microbiome. <i>Nature Communications</i> , 2019, 10, 3621.	5.8	132
22	Non-lethal growth inhibition by arresting the starch utilization system of clinically relevant human isolates of <i>Bacteroides dorei</i> . <i>MedChemComm</i> , 2019, 10, 1875-1880.	3.5	4
23	The infantile cutaneous microbiome: A review. <i>Pediatric Dermatology</i> , 2019, 36, 574-580.	0.5	39
24	Seasonal Physiological Parameters and Phytotelmata Bacterial Diversity of Two Bromeliad Species (<i>Aechmea gamosepala</i> and <i>Vriesea platynema</i>) from the Atlantic Forest of Southern Brazil. <i>Diversity</i> , 2019, 11, 111.	0.7	11
25	Growth parameters of <i>Liberibacter crescens</i> suggest ammonium and phosphate as essential molecules in the <i>Liberibacter</i> -plant host interface. <i>BMC Microbiology</i> , 2019, 19, 222.	1.3	4
26	Lablab Purpureus Influences Soil Fertility and Microbial Diversity in a Tropical Maize-Based No-Tillage System. <i>Soil Systems</i> , 2019, 3, 50.	1.0	5
27	Proof of principle: Physiological transfer of small numbers of bacteria from mother to fetus in late-gestation pregnant sheep. <i>PLoS ONE</i> , 2019, 14, e0217211.	1.1	15
28	Hepatic glycogen storage diseases are associated to microbial dysbiosis. <i>PLoS ONE</i> , 2019, 14, e0214582.	1.1	17
29	Barriers to integration of bioinformatics into undergraduate life sciences education: A national study of US life sciences faculty uncover significant barriers to integrating bioinformatics into undergraduate instruction. <i>PLoS ONE</i> , 2019, 14, e0224288.	1.1	40
30	Successful Integration of Face-to-Face Bootcamp Lab Courses in a Hybrid Online STEM Program. <i>Journal of Microbiology and Biology Education</i> , 2019, 20, .	0.5	10
31	Title is missing!. , 2019, 14, e0224288.		0
32	Title is missing!. , 2019, 14, e0224288.		0
33	Title is missing!. , 2019, 14, e0224288.		0
34	Title is missing!. , 2019, 14, e0224288.		0
35	Efficiency of Deamidated Gliadin Peptides for Screening Celiac Disease Autoimmunityâ€”Reply. <i>JAMA Pediatrics</i> , 2018, 172, 497.	3.3	1
36	Metagenomic binning and association of plasmids with bacterial host genomes using DNA methylation. <i>Nature Biotechnology</i> , 2018, 36, 61-69.	9.4	116

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37	Development of Chemically Defined Media Reveals Citrate as Preferred Carbon Source for <i>Liberibacter</i> Growth. <i>Frontiers in Microbiology</i> , 2018, 9, 668.	1.5	17
38	Bioinformatics core competencies for undergraduate life sciences education. <i>PLoS ONE</i> , 2018, 13, e0196878.	1.1	93
39	Seasonal dynamics alter taxonomical and functional microbial profiles in Pampa biome soils under natural grasslands. <i>PeerJ</i> , 2018, 6, e4991.	0.9	27
40	Characterization of ciliate diversity in bromeliad tank waters from the Brazilian Atlantic Forest. <i>European Journal of Protistology</i> , 2017, 61, 359-365.	0.5	15
41	Association Between Early-Life Antibiotic Use and the Risk of Islet or Celiac Disease Autoimmunity. <i>JAMA Pediatrics</i> , 2017, 171, 1217.	3.3	79
42	Post-hypoxia Invasion of the fetal brain by multidrug resistant <i>Staphylococcus</i> . <i>Scientific Reports</i> , 2017, 7, 6458.	1.6	17
43	Factors That Increase Risk of Celiac Disease Autoimmunity After a Gastrointestinal Infection in Early Life. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 694-702.e5.	2.4	140
44	Construction of Stable Fluorescent Reporter Plasmids for Use in <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2491.	1.5	14
45	Integrating DNA Methylation and Gene Expression Data in the Development of the Soybean- <i>Bradyrhizobium</i> N ₂ -Fixing Symbiosis. <i>Frontiers in Microbiology</i> , 2016, 7, 518.	1.5	32
46	Identification of the Genes Required for the Culture of <i>Liberibacter crescens</i> , the Closest Cultured Relative of the <i>Liberibacter</i> Plant Pathogens. <i>Frontiers in Microbiology</i> , 2016, 7, 547.	1.5	39
47	Towards a functional hypothesis relating anti-islet cell autoimmunity to the dietary impact on microbial communities and butyrate production. <i>Microbiome</i> , 2016, 4, 17.	4.9	100
48	Broadening Participation of Women and Underrepresented Minorities in STEM through a Hybrid Online Transfer Program. <i>CBE Life Sciences Education</i> , 2016, 15, ar50.	1.1	12
49	Proposal to rename <i>Carnobacterium inhibens</i> as <i>Carnobacterium inhibens</i> subsp. <i>inhibens</i> subsp. nov. and description of <i>Carnobacterium inhibens</i> subsp. <i>gilichinskyi</i> subsp. nov., a psychrotolerant bacterium isolated from Siberian permafrost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 556-561.	0.8	19
50	On the role of gut bacteria and infant diet in the development of autoimmunity for type 1 diabetes. Reply to Hänninen ALM and Toivonen RK [letter]. <i>Diabetologia</i> , 2015, 58, 2197-2198.	2.9	4
51	NIBLSE: A Network for Integrating Bioinformatics into Life Sciences Education. <i>CBE Life Sciences Education</i> , 2015, 14, le3.	1.1	30
52	A model for the role of gut bacteria in the development of autoimmunity for type 1 diabetes. <i>Diabetologia</i> , 2015, 58, 1386-1393.	2.9	98
53	Early Childhood Gut Microbiomes Show Strong Geographic Differences Among Subjects at High Risk for Type 1 Diabetes. <i>Diabetes Care</i> , 2015, 38, 329-332.	4.3	79
54	Soil pH Determines Microbial Diversity and Composition in the Park Grass Experiment. <i>Microbial Ecology</i> , 2015, 69, 395-406.	1.4	544

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55	Development of a Distance Education Program by a Land-Grant University Augments the 2-Year to 4-Year STEM Pipeline and Increases Diversity in STEM. PLoS ONE, 2015, 10, e0119548.	1.1	19
56	Meconium Microbiome Analysis Identifies Bacteria Correlated with Premature Birth. PLoS ONE, 2014, 9, e90784.	1.1	354
57	Bacteroides dorei dominates gut microbiome prior to autoimmunity in Finnish children at high risk for type 1 diabetes. Frontiers in Microbiology, 2014, 5, 678.	1.5	241
58	The methylome of the gut microbiome: disparate Dam methylation patterns in intestinal Bacteroides dorei. Frontiers in Microbiology, 2014, 5, 361.	1.5	36
59	Three crocodylian genomes reveal ancestral patterns of evolution among archosaurs. Science, 2014, 346, 1254449.	6.0	300
60	Compromised Gut Microbiota Networks in Children With Anti-Islet Cell Autoimmunity. Diabetes, 2014, 63, 2006-2014.	0.3	154
61	Liberibacter crescens gen. nov., sp. nov., the first cultured member of the genus Liberibacter. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2461-2466.	0.8	81
62	Superinfection exclusion by Citrus tristeza virus does not correlate with the production of viral small RNAs. Virology, 2014, 468-470, 462-471.	1.1	21
63	Complete genome of the switchgrass endophyte Enterobacter cloacae P101. Standards in Genomic Sciences, 2014, 9, 726-734.	1.5	8
64	Comparative Genomics of Cultured and Uncultured Strains Suggests Genes Essential for Free-Living Growth of Liberibacter. PLoS ONE, 2014, 9, e84469.	1.1	64
65	Genome Sequence of Candidatus Nitrososphaera evergladensis from Group I.1b Enriched from Everglades Soil Reveals Novel Genomic Features of the Ammonia-Oxidizing Archaea. PLoS ONE, 2014, 9, e101648.	1.1	87
66	Microbial hitchhikers on intercontinental dust: high-throughput sequencing to catalogue microbes in small sand samples. Aerobiologia, 2013, 29, 71-84.	0.7	40
67	TWO APPLICATIONS OF PERMUTATION TESTS IN BIOSTATISTICS. Boletines De La Sociedad De CirugÃa De Rosario, 2013, 19, 255-266.	0.0	2
68	The Effect of Tillage System and Crop Rotation on Soil Microbial Diversity and Composition in a Subtropical Acrisol. Diversity, 2012, 4, 375-395.	0.7	102
69	Characterization of the Relative Abundance of the Citrus Pathogen Ca. Liberibacter Asiaticus in the Microbiome of Its Insect Vector, Diaphorina citri, using High Throughput 16S rRNA Sequencing. Open Microbiology Journal, 2012, 6, 29-33.	0.2	97
70	Pathogens as potential hitchhikers on intercontinental dust. Aerobiologia, 2012, 28, 221-231.	0.7	9
71	Rethinking microbial diversity analysis in the high throughput sequencing era. Journal of Microbiological Methods, 2011, 86, 42-51.	0.7	262
72	Toward defining the autoimmune microbiome for type 1 diabetes. ISME Journal, 2011, 5, 82-91.	4.4	709

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73	Inhibition of Type 1 Diabetes Correlated to a <i>Lactobacillus johnsonii</i> N6.2-Mediated Th17 Bias. <i>Journal of Immunology</i> , 2011, 186, 3538-3546.	0.4	147
74	Gut Microbiome Metagenomics Analysis Suggests a Functional Model for the Development of Autoimmunity for Type 1 Diabetes. <i>PLoS ONE</i> , 2011, 6, e25792.	1.1	660
75	Over-expression of the Arabidopsis NPR1 gene in citrus increases resistance to citrus canker. <i>European Journal of Plant Pathology</i> , 2010, 128, 91-100.	0.8	108
76	PANGEA: pipeline for analysis of next generation amplicons. <i>ISME Journal</i> , 2010, 4, 852-861.	4.4	103
77	TaxCollector: Modifying Current 16S rRNA Databases for the Rapid Classification at Six Taxonomic Levels. <i>Diversity</i> , 2010, 2, 1015-1025.	0.7	51
78	<i>Lactobacillus johnsonii</i> N6.2 Mitigates the Development of Type 1 Diabetes in BB-DP Rats. <i>PLoS ONE</i> , 2010, 5, e10507.	1.1	227
79	Influence of Fecal Sample Storage on Bacterial Community Diversity. <i>Open Microbiology Journal</i> , 2009, 3, 40-46.	0.2	118
80	Confirmation of the Sequence of <i>Candidatus</i> <i>Liberibacter asiaticus</i> ™ and Assessment of Microbial Diversity in Huanglongbing-Infected Citrus Phloem Using a Metagenomic Approach. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1624-1634.	1.4	95
81	Culture-independent identification of gut bacteria correlated with the onset of diabetes in a rat model. <i>ISME Journal</i> , 2009, 3, 536-548.	4.4	211
82	Biodiversity of diazotrophic bacteria within the soil, root and stem of field-grown maize. <i>Plant and Soil</i> , 2008, 302, 91-104.	1.8	128
83	Whole Genome Sequencing in the Undergraduate Classroom: Outcomes and Lessons from a Pilot Course. <i>Journal of Microbiology and Biology Education</i> , 2008, 9, 3-11.	0.5	41
84	Interannual dynamics and phenology of bacterial communities in a eutrophic lake. <i>Limnology and Oceanography</i> , 2007, 52, 487-494.	1.6	167
85	Pyrosequencing enumerates and contrasts soil microbial diversity. <i>ISME Journal</i> , 2007, 1, 283-290.	4.4	1,615
86	Screening of diazotrophic bacteria <i>Azopirillum</i> spp. for nitrogen fixation and auxin production in multiple field sites in southern Brazil. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1377-1383.	1.7	36
87	<i>Aquitalea magnusonii</i> gen. nov., sp. nov., a novel Gram-negative bacterium isolated from a humic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 867-871.	0.8	40
88	Significant Yield Increase in <i>Phaseolus vulgaris</i> Obtained by Inoculation with a Trifolixin-producing, Hup ⁺ Strain of <i>Rhizobium leguminosarum</i> bv. phaseoli. <i>Crop Management</i> , 2004, 3, 1-5.	0.3	2
89	Quantitative assessments of the host range and strain specificity of endophytic colonization by <i>Klebsiella pneumoniae</i> 342. <i>Plant and Soil</i> , 2003, 257, 49-59.	1.8	79
90	Immunolocalization of Dinitrogenase Reductase Produced by <i>Klebsiella pneumoniae</i> in Association with <i>Zea mays</i> L. <i>Applied and Environmental Microbiology</i> , 2000, 66, 783-787.	1.4	175

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91	A functional myo-inositol catabolism pathway is essential for rhizopine utilization by <i>Sinorhizobium meliloti</i> . <i>Microbiology (United Kingdom)</i> , 1998, 144, 2915-2924.	0.7	61
92	Effects of Bacterial Antibiotic Production on Rhizosphere Microbial Communities from a Culture-Independent Perspective. <i>Applied and Environmental Microbiology</i> , 1998, 64, 5020-5022.	1.4	83
93	Diazotrophic endophytes: progress and prospects for nitrogen fixation in monocots. <i>Plant and Soil</i> , 1996, 186, 29-38.	1.8	88
94	A diazotrophic bacterial endophyte isolated from stems of <i>Zea mays</i> L. and <i>Zea luxurians</i> Iltis and Doebley. <i>Plant and Soil</i> , 1996, 186, 135-142.	1.8	72
95	Toward More Productive, Efficient, and Competitive Nitrogen-Fixing Symbiotic Bacteria. <i>Critical Reviews in Plant Sciences</i> , 1996, 15, 191-234.	2.7	78