Aaron C Ericsson

List of Publications by Year
in descending order

93	3,089	218677 26	182427 51
papers	citations	h-index	g-index

96	96	96	4955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Î²-carotene improves fecal dysbiosis and intestinal dysfunctions in a mouse model of vitamin A deficiency. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159122.	2.4	14
2	Reduced housing density improves statistical power of murine gut microbiota studies. Cell Reports, 2022, 39, 110783.	6.4	6
3	A longitudinal investigation of the effects of age, dietary fiber type and level, and injectable antimicrobials on the fecal microbiome and antimicrobial resistance of finisher pigs. Journal of Animal Science, 2022, 100, .	0.5	5
4	Lower systemic inflammation is associated with gut firmicutes dominance and reduced liver injury in a novel ambulatory model of parenteral nutrition. Annals of Medicine, 2022, 54, 1701-1713.	3.8	8
5	Chlorhexidine gluconate does not result in epidermal microbiota dysbiosis in healthy adults. American Journal of Infection Control, 2021, 49, 769-774.	2.3	3
6	Impact of vitamin A transport and storage on intestinal retinoid homeostasis and functions. Journal of Lipid Research, 2021, 62, 100046.	4.2	13
7	Circulating exosomes and gut microbiome induced insulin resistance in mice exposed to intermittent hypoxia: Effects of physical activity. EBioMedicine, 2021, 64, 103208.	6.1	35
8	Exodontia associated bacteremia in horses characterized by next generation sequencing. Scientific Reports, 2021, 11, 6314.	3.3	3
9	Calorie restriction prevents age-related changes in the intestinal microbiota. Aging, 2021, 13, 6298-6329.	3.1	11
10	The gut microbiome of laboratory mice: considerations and best practices for translational research. Mammalian Genome, 2021, 32, 239-250.	2.2	35
11	Function of Macrophages in Disease: Current Understanding on Molecular Mechanisms. Frontiers in Immunology, 2021, 12, 620510.	4.8	65
12	Dysbiosis and Intestinal Barrier Dysfunction in Pediatric Congenital Heart Disease Is Exacerbated Following Cardiopulmonary Bypass. JACC Basic To Translational Science, 2021, 6, 311-327.	4.1	18
13	The Influence of Diet Change and Oral Metformin on Blood Glucose Regulation and the Fecal Microbiota of Healthy Horses. Animals, 2021, 11, 976.	2.3	5
14	Host resistance to Bacillus thuringiensis is linked to altered bacterial community within a specialist insect herbivore. Molecular Ecology, 2021, 30, 5438-5453.	3.9	23
15	Consideration of Gut Microbiome in Murine Models of Diseases. Microorganisms, 2021, 9, 1062.	3.6	21
16	Supplier-origin mouse microbiomes significantly influence locomotor and anxiety-related behavior, body morphology, and metabolism. Communications Biology, 2021, 4, 716.	4.4	15
17	Gastric microbiome in horses with and without equine glandular gastric disease. Journal of Veterinary Internal Medicine, 2021, 35, 2458-2464.	1.6	14
18	Molecular and culture-based assessment of the microbiome in a zebrafish (Danio rerio) housing system during set-up and equilibration. Animal Microbiome, 2021, 3, 55.	3.8	5

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19	The Effects of Ketamine on the Gut Microbiome on CD1 Mice. Comparative Medicine, 2021, 71, 295-301.	1.0	1
20	The Effect of Common Viral Inactivation Techniques on 16S rRNA Amplicon-Based Analysis of the Gut Microbiota. Microorganisms, 2021, 9, 1755.	3.6	0
21	Monocarboxylate Transporter-2 Expression Restricts Tumor Growth in a Murine Model of Lung Cancer: A Multi-Omic Analysis. International Journal of Molecular Sciences, 2021, 22, 10616.	4.1	4
22	Characterization of the Eukaryotic Virome of Mice from Different Sources. Microorganisms, 2021, 9, 2064.	3.6	5
23	Altering Early Life Gut Microbiota Has Long-Term Effect on Immune System and Hypertension in Spontaneously Hypertensive Rats. Frontiers in Physiology, 2021, 12, 752924.	2.8	8
24	Effect of Housing Condition and Diet on the Gut Microbiota of Weanling Immunocompromised Mice. Comparative Medicine, 2021, 71, 485-491.	1.0	3
25	Metabolic Defects Caused by High-Fat Diet Modify Disease Risk through Inflammatory and Amyloidogenic Pathways in a Mouse Model of Alzheimerâ€™s Disease. Nutrients, 2020, 12, 2977.	4.1	18
26	Fecal microbiota transplantation from mice exposed to chronic intermittent hypoxia elicits sleep disturbances in naÃ¯ve mice. Experimental Neurology, 2020, 334, 113439.	4.1	48
27	Degradation of Veterinary Antibiotics in Swine Manure via Anaerobic Digestion. Bioengineering, 2020, 7, 123.	3.5	7
28	Influence of PCR cycle number on 16S rRNA gene amplicon sequencing of low biomass samples. Journal of Microbiological Methods, 2020, 176, 106033.	1.6	23
29	Interactions of Segmented Filamentous Bacteria (Candidatus Savagella) and bacterial drivers in colitis-associated colorectal cancer development. PLoS ONE, 2020, 15, e0236595.	2.5	5
30	Evaluation of Healthy Canine Conjunctival, Periocular Haired Skin, and Nasal Microbiota Compared to Conjunctival Culture. Frontiers in Veterinary Science, 2020, 7, 558.	2.2	11
31	Acute and long-term effects of antibiotics commonly used in laboratory animal medicine on the fecal microbiota. Veterinary Research, 2020, 51, 116.	3.0	10
32	The Potential Gut Microbiota-Mediated Treatment Options for Liver Cancer. Frontiers in Oncology, 2020, 10, 524205.	2.8	31
33	Bronchopulmonary dysplasia: a crime of opportunity?. European Respiratory Journal, 2020, 55, 2000551.	6.7	5
34	Respiratory dysbiosis and population-wide temporal dynamics in canine chronic bronchitis and non-inflammatory respiratory disease. PLoS ONE, 2020, 15, e0228085.	2.5	6
35	Nontargeted fecal metabolomics: an emerging tool to probe the role of the gut microbiome in host health. Bioanalysis, 2020, 12, 351-353.	1.5	3
36	Effects of Giardia lamblia Colonization and Fenbendazole Treatment on Canine Fecal Microbiota. Journal of the American Association for Laboratory Animal Science, 2020, , .	1.2	4

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37	Early Postnatal Gut Microbiota Determines SHR Hypertension. FASEB Journal, 2020, 34, 1-1.	0.5	0
38	355 The Gut Microbiome and its Influence on Cognition and Mental Health: from Zebrafish to Horses. Journal of Animal Science, 2020, 98, 92-93.	0.5	0
39	Title is missing!. , 2020, 15, e0236595.		0
40	Title is missing!. , 2020, 15, e0236595.		0
41	Title is missing!. , 2020, 15, e0236595.		0
42	Title is missing!. , 2020, 15, e0236595.		0
43	Survey of bacteria associated with western corn rootworm life stages reveals no difference between insects reared in different soils. Scientific Reports, 2019, 9, 15332.	3.3	11
44	Respiratory Dysbiosis in Canine Bacterial Pneumonia: Standard Culture vs. Microbiome Sequencing. Frontiers in Veterinary Science, 2019, 6, 354.	2.2	14
45	Vasoactive Intestinal Peptide Deficiency Is Associated With Altered Gut Microbiota Communities in Male and Female C57BL/6 Mice. Frontiers in Microbiology, 2019, 10, 2689.	3.5	14
46	Concurrent and long-term associations between the endometrial microbiota and endometrial transcriptome in postpartum dairy cows. BMC Genomics, 2019, 20, 405.	2.8	13
47	Changes in the gut microbiome and fermentation products concurrent with enhanced longevity in acarbose-treated mice. BMC Microbiology, 2019, 19, 130.	3.3	218
48	Characterization of the Rat Gut Microbiota via 16S rRNA Amplicon Library Sequencing. Methods in Molecular Biology, 2019, 2018, 195-212.	0.9	0
49	Antimicrobial Peptides: Potential Application in Liver Cancer. Frontiers in Microbiology, 2019, 10, 1257.	3.5	55
50	The use of non-rodent model species in microbiota studies. Laboratory Animals, 2019, 53, 259-270.	1.0	15
51	Veterinary ocular microbiome: Lessons learned beyond the culture. Veterinary Ophthalmology, 2019, 22, 716-725.	1.0	12
52	Complex Microbiota in Laboratory Rodents: Management Considerations. ILAR Journal, 2019, 60, 289-297.	1.8	10
53	The influence of caging, bedding, and diet on the composition of the microbiota in different regions of the mouse gut. Scientific Reports, 2018, 8, 4065.	3.3	137
54	Effects of Intraoperative Vagal Nerve Stimulation on the Gastrointestinal Microbiome in a Mouse Model of Amyotrophic Lateral Sclerosis. Comparative Medicine, 2018, 68, 452-460.	1.0	13

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55	Effects of water decontamination methods and bedding material on the gut microbiota. PLoS ONE, 2018, 13, e0198305.	2.5	30
56	Obstructive Lymphangitis Precedes Colitis in Murine Norovirusâ€“Infected Stat1-Deficient Mice. American Journal of Pathology, 2018, 188, 1536-1554.	3.8	11
57	Acclimation and Institutionalization of the Mouse Microbiota Following Transportation. Frontiers in Microbiology, 2018, 9, 1085.	3.5	55
58	Development of outbred CD1 mouse colonies with distinct standardized gut microbiota profiles for use in complex microbiota targeted studies. Scientific Reports, 2018, 8, 10107.	3.3	30
59	Applications of the FIV Model to Study HIV Pathogenesis. Viruses, 2018, 10, 206.	3.3	19
60	Utility of a portable desiccant system for preservation of fecal samples for downstream 16S rRNA amplicon sequencing. Journal of Microbiological Methods, 2018, 146, 1-6.	1.6	2
61	Effects of Fenbendazole-impregnated Feed and Topical Moxidectin during Quarantine on the Gut Microbiota of C57BL/6 Mice. Journal of the American Association for Laboratory Animal Science, 2018, 57, 229-235.	1.2	8
62	Microbiota and reproducibility of rodent models. Lab Animal, 2017, 46, 114-122.	0.4	186
63	OCULAR FINDINGS AND SELECT OPHTHALMIC DIAGNOSTIC TESTS IN CAPTIVE AMERICAN WHITE PELICANS (PELECANUS ERYTHRORHYNCHOS). Journal of Zoo and Wildlife Medicine, 2017, 48, 675-682.	0.6	9
64	Sex determines effect of physical activity on diet preference: Association of striatal opioids and gut microbiota composition. Behavioural Brain Research, 2017, 334, 16-25.	2.2	19
65	Variable Colonization after Reciprocal Fecal Microbiota Transfer between Mice with Low and High Richness Microbiota. Frontiers in Microbiology, 2017, 8, 196.	3.5	64
66	Differing Complex Microbiota Alter Disease Severity of the IL-10â^'/â^' Mouse Model of Inflammatory Bowel Disease. Frontiers in Microbiology, 2017, 8, 792.	3.5	56
67	Oral Probiotics Alter Healthy Feline Respiratory Microbiota. Frontiers in Microbiology, 2017, 8, 1287.	3.5	25
68	Dynamic changes of the respiratory microbiota and its relationship to fecal and blood microbiota in healthy young cats. PLoS ONE, 2017, 12, e0173818.	2.5	57
69	Characterization of the urinary microbiome in healthy dogs. PLoS ONE, 2017, 12, e0177783.	2.5	43
70	Doxycycline induces dysbiosis in female C57BL/6NCrl mice. BMC Research Notes, 2017, 10, 644.	1.4	29
71	Modeling a Superorganism - Considerations Regarding the Use of "Dirty" Mice in Biomedical Researchâ€©. Yale Journal of Biology and Medicine, 2017, 90, 361-371.	0.2	10
72	Lactobacillus plantarum attenuates anxiety-related behavior and protects against stress-induced dysbiosis in adult zebrafish. Scientific Reports, 2016, 6, 33726.	3.3	125

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73	16S rRNA amplicon sequencing dataset for conventionalized and conventionally raised zebrafish larvae. Data in Brief, 2016, 8, 938-943.	1.0	11
74	Vaccinating with conserved Escherichia coli antigens does not alter the mouse intestinal microbiome. BMC Research Notes, 2016, 9, 401.	1.4	16
75	Microbial modulation of behavior and stress responses in zebrafish larvae. Behavioural Brain Research, 2016, 311, 219-227.	2.2	113
76	Composition and Predicted Metabolic Capacity of Upper and Lower Airway Microbiota of Healthy Dogs in Relation to the Fecal Microbiota. PLoS ONE, 2016, 11, e0154646.	2.5	58
77	A Microbiological Map of the Healthy Equine Gastrointestinal Tract. PLoS ONE, 2016, 11, e0166523.	2.5	118
78	Evaluation of Fecal Microbiota Transfer as Treatment for Postweaning Diarrhea in Research-Colony Puppies. Journal of the American Association for Laboratory Animal Science, 2016, 55, 582-7.	1.2	15
79	Comparative Evaluation of DNA Extraction Methods from Feces of Multiple Host Species for Downstream Next-Generation Sequencing. PLoS ONE, 2015, 10, e0143334.	2.5	112
80	Isolation of segmented filamentous bacteria from complex gut microbiota. BioTechniques, 2015, 59, 94-8.	1.8	14
81	Exoelectrogenic capacity of host microbiota predicts lymphocyte recruitment to the gut. Physiological Genomics, 2015, 47, 243-252.	2.3	21
82	TNFR2 Deficiency Acts in Concert with Gut Microbiota To Precipitate Spontaneous Sex-Biased Central Nervous System Demyelinating Autoimmune Disease. Journal of Immunology, 2015, 195, 4668-4684.	0.8	53
83	Manipulating the Gut Microbiota: Methods and Challenges: FigureÂ1. ILAR Journal, 2015, 56, 205-217.	1.8	114
84	Effects of Vendor and Genetic Background on the Composition of the Fecal Microbiota of Inbred Mice. PLoS ONE, 2015, 10, e0116704.	2.5	268
85	Differential susceptibility to colorectal cancer due to naturally occurring gut microbiota. Oncotarget, 2015, 6, 33689-33704.	1.8	57
86	Abstract 2880: Modulating disease susceptibility in a model of human colon cancer by microbiome rederivation. , 2015, , .		0
87	The effect of omeprazole on the development of experimental autoimmune encephalomyelitis in C57BL/6J and SJL/J mice. BMC Research Notes, 2014, 7, 605.	1.4	19
88	Engraftment of human iPS cells and allogeneic porcine cells into pigs with inactivated RAG2 and accompanying severe combined immunodeficiency. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7260-7265.	7.1	99
89	Segmented filamentous bacteria: commensal microbes with potential effects on research. Comparative Medicine, 2014, 64, 90-8.	1.0	82
90	A brief history of animal modeling. Missouri Medicine, 2013, 110, 201-5.	0.3	76

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91	Continuous requirement of ErbB2 kinase activity for loss of cell polarity and lumen formation in a novel ErbB2/Neu-driven murine cell line model of metastatic breast cancer. Journal of Carcinogenesis, 2011, 10, 29.	2.5	9
92	Urinary-Type Plasminogen Activator Receptor/Î±3Î²1 Integrin Signaling, Altered Gene Expression, and Oral Tumor Progression. Molecular Cancer Research, 2010, 8, 145-158.	3.4	23
93	Noninvasive Detection of Inflammation-Associated Colon Cancer in a Mouse Model. Neoplasia, 2010, 12, 1054-1065.	5.3	27