

Aaron W Miller

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,004
citations

471509

17
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1406
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining Dysbiosis for a Cluster of Chronic Diseases. <i>Scientific Reports</i> , 2019, 9, 12918.	3.3	199
2	LRRK2 promotes the activation of NLRC4 inflammasome during <i>Salmonella</i> Typhimurium infection. <i>Journal of Experimental Medicine</i> , 2017, 214, 3051-3066.	8.5	119
3	Inhibition of urinary stone disease by a multi-species bacterial network ensures healthy oxalate homeostasis. <i>Kidney International</i> , 2019, 96, 180-188.	5.2	77
4	Defining Dysbiosis in Patients with Urolithiasis. <i>Scientific Reports</i> , 2019, 9, 5425.	3.3	69
5	The Gastrointestinal Tract of the White-Throated Woodrat (<i>Neotoma albigula</i>) Harbors Distinct Consortia of Oxalate-Degrading Bacteria. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1595-1601.	3.1	68
6	The Metabolic and Ecological Interactions of Oxalate-Degrading Bacteria in the Mammalian Gut. <i>Pathogens</i> , 2013, 2, 636-652.	2.8	63
7	Modeling time-series data from microbial communities. <i>ISME Journal</i> , 2017, 11, 2526-2537.	9.8	52
8	Microbial Community Transplant Results in Increased and Long-Term Oxalate Degradation. <i>Microbial Ecology</i> , 2016, 72, 470-478.	2.8	45
9	Effect of Dietary Oxalate on the Gut Microbiota of the Mammalian Herbivore <i>Neotoma albigula</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 2669-2675.	3.1	38
10	Emerging coral diseases: a temperature-driven process?. <i>Marine Ecology</i> , 2015, 36, 278-291.	1.1	33
11	The Induction of Oxalate Metabolism <i>In Vivo</i> Is More Effective with Functional Microbial Communities than with Functional Microbial Species. <i>MSystems</i> , 2017, 2, .	3.8	33
12	Calcium Oxalate Urolithiasis: A Case of Missing Microbes?. <i>Journal of Endourology</i> , 2018, 32, 995-1005.	2.1	33
13	Loss of function dysbiosis associated with antibiotics and high fat, high sugar diet. <i>ISME Journal</i> , 2019, 13, 1379-1390.	9.8	29
14	Meta-analysis of Clinical Microbiome Studies in Urolithiasis Reveal Age, Stone Composition, and Study Location as the Predominant Factors in Urolithiasis-Associated Microbiome Composition. <i>MBio</i> , 2021, 12, e0200721.	4.1	26
15	Microbiota Diversification and Crash Induced by Dietary Oxalate in the Mammalian Herbivore <i>Neotoma albigula</i> . <i>MSphere</i> , 2017, 2, .	2.9	22
16	Standardization of microbiome studies for urolithiasis: an international consensus agreement. <i>Nature Reviews Urology</i> , 2021, 18, 303-311.	3.8	22
17	Intestinal Epithelial Cell-Derived LKB1 Suppresses Colitogenic Microbiota. <i>Journal of Immunology</i> , 2018, 200, ji1700547.	0.8	19
18	Metagenomic sequencing provides insights into microbial detoxification in the guts of small mammalian herbivores (<i>Neotoma</i> spp.). <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	19

#	ARTICLE	IF	CITATIONS
19	Evolutionary irony: evidence that “defensive” plant spines act as a proximate cue to attract a mammalian herbivore. <i>Oikos</i> , 2015, 124, 835-841.	2.7	11
20	Comparative functional analysis of the urinary tract microbiome for individuals with or without calcium oxalate calculi. <i>Urolithiasis</i> , 2022, 50, 303-317.	2.0	8
21	Evaluation of <i>Oxalobacter formigenes</i> DSM 4420 biodegradation activity for high oxalate media content: An in vitro model. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 22, 101378.	3.1	7
22	Transperineal Prostate Biopsy is Associated With Lower Tissue Core Pathogen Burden Relative to Transrectal Biopsy: Mechanistic Underpinnings for Lower Infection Risk in the Transperineal Approach. <i>Urology</i> , 2022, , .	1.0	5
23	Antibiotics and Kidney Stones: Perturbation of the Gut-Kidney Axis. <i>American Journal of Kidney Diseases</i> , 2019, 74, 724-726.	1.9	4
24	A Perspective on the Metabolic Potential for Microbial Contributions to Urolithiasis. <i>Kidney360</i> , 2021, 2, 1170-1173.	2.1	3
25	Response to Lange re: Calcium Oxalate Urolithiasis: A Case of Missing Microbes? by Batagello et al. (From: Lange D. <i>J Endourol</i> 2018;32:1006; DOI: 10.1089/end.2018.0606). <i>Journal of Endourology</i> , 2018, 32, 1007-1007.	2.1	0
26	The Role of the Intestinal Microbiome in Oxalate Homeostasis. , 2019, , 179-186.		0
27	Commentary: Loss of Function Dysbiosis Associated with Antibiotics and High Fat, High Sugar Diet. , 2019, 2, 23-25.		0