

Gerardo M Nava

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,434
citations

279798

23
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

4243
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal Bacteroides Species Induce Colitis in Host-Genotype-Specific Fashion in a Mouse Model of Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2011, 9, 390-403.	11.0	409
2	Spatial organization of intestinal microbiota in the mouse ascending colon. <i>ISME Journal</i> , 2011, 5, 627-638.	9.8	228
3	Lactobacillus probiotic protects intestinal epithelium from radiation injury in a TLR-2/cyclo-oxygenase-2-dependent manner. <i>Gut</i> , 2012, 61, 829-838.	12.1	210
4	DNA damage and toxicogenomic analyses of hydrogen sulfide in human intestinal epithelial FHs 74 Int cells. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 304-314.	2.2	156
5	Abundance and diversity of mucosa-associated hydrogenotrophic microbes in the healthy human colon. <i>ISME Journal</i> , 2012, 6, 57-70.	9.8	156
6	Diversity of the autochthonous colonic microbiota. <i>Gut Microbes</i> , 2011, 2, 99-104.	9.8	149
7	Probiotic alternatives to reduce gastrointestinal infections: the poultry experience. <i>Animal Health Research Reviews</i> , 2005, 6, 105-118.	3.1	124
8	On the Relationship between Sialomucin and Sulfomucin Expression and Hydrogenotrophic Microbes in the Human Colonic Mucosa. <i>PLoS ONE</i> , 2011, 6, e24447.	2.5	81
9	Molecular Ecological Analysis of Fecal Bacterial Populations from Term Infants Fed Formula Supplemented with Selected Blends of Prebiotics. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1121-1128.	3.1	78
10	A Novel Resistant Maltodextrin Alters Gastrointestinal Tolerance Factors, Fecal Characteristics, and Fecal Microbiota in Healthy Adult Humans. <i>Journal of the American College of Nutrition</i> , 2008, 27, 356-366.	1.8	65
11	Host genetic susceptibility, dysbiosis, and viral triggers in inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 321-327.	2.3	64
12	Avian influenza: genetic evolution under vaccination pressure. <i>Virology Journal</i> , 2008, 5, 15.	3.4	63
13	Dietary supplementation of mannan-oligosaccharide enhances neonatal immune responses in chickens during natural exposure to <i>Eimeria</i> spp. <i>Acta Veterinaria Scandinavica</i> , 2009, 51, 11.	1.6	56
14	Molecular analysis of microbial community structure in the chicken ileum following organic acid supplementation. <i>Veterinary Microbiology</i> , 2009, 137, 345-353.	1.9	50
15	Impact of the Intestinal Microbiota on the Development of Mucosal Defense. <i>Clinical Infectious Diseases</i> , 2008, 46, S80-S86.	5.8	40
16	Comparison of the bioactive potential of Roselle (<i>Hibiscus sabdariffa</i> L.) calyx and its by-product: Phenolic characterization by UPLC-QTOF MS and their anti-obesity effect in vivo. <i>Food Research International</i> , 2019, 126, 108589.	6.2	38
17	Evaluation of Intervention Strategies for Idiopathic Diarrhea in Commercial Turkey Brooding Houses. <i>Journal of Applied Poultry Research</i> , 2005, 14, 345-348.	1.2	36
18	Prevalence of <i>Escherichia coli</i> O157 in Cattle and Swine in Central Mexico. <i>Journal of Food Protection</i> , 2004, 67, 2274-2276.	1.7	32

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19	Hydrogenotrophic microbiota distinguish native Africans from African and European Americans. <i>Environmental Microbiology Reports</i> , 2012, 4, 307-315.	2.4	32
20	Arsenic (+ 3 Oxidation State) Methyltransferase and the Methylation of Arsenicals in the Invertebrate Chordate <i>Ciona intestinalis</i> . <i>Toxicological Sciences</i> , 2010, 113, 70-76.	3.1	31
21	An Evaluation of Information Content as a Metric for the Inference of Putative Conserved Noncoding Regions in DNA Sequences Using a Genetic Algorithms Approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2008, 5, 1-14.	3.0	30
22	Insights into the Identification of the Specific Spoilage Organisms in Chicken Meat. <i>Foods</i> , 2020, 9, 225.	4.3	29
23	The Evaluation of Organic Acids and Probiotic Cultures to Reduce <i>Salmonella enteritidis</i> Horizontal Transmission and Crop Infection in Broiler Chickens. <i>International Journal of Poultry Science</i> , 2007, 6, 182-186.	0.1	24
24	Genomic analyses reveal a conserved glutathione homeostasis pathway in the invertebrate chordate <i>Ciona intestinalis</i> . <i>Physiological Genomics</i> , 2009, 39, 183-194.	2.3	21
25	Origins of the new influenza A(H1N1) virus: time to take action. <i>Eurosurveillance</i> , 2009, 14, .	7.0	21
26	Resveratrol increases glycolytic flux in <i>Saccharomyces cerevisiae</i> via a SNF1-dependet mechanism. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 331-336.	2.3	20
27	Three-Year Longitudinal Study: Prevalence of <i>Salmonella Enterica</i> in Chicken Meat is Higher in Supermarkets than Wet Markets from Mexico. <i>Foods</i> , 2020, 9, 264.	4.3	20
28	Energyâ€dependent effects of resveratrol in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2016, 33, 227-234.	1.7	19
29	Impact of antigenic and genetic drift on the serologic surveillance of H5N2 avian influenza viruses. <i>BMC Veterinary Research</i> , 2010, 6, 57.	1.9	17
30	Resveratrol induces mitochondrial dysfunction and decreases chronological life span of <i>Saccharomyces cerevisiae</i> in a glucose-dependent manner. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 241-251.	2.3	17
31	Gut Bacterial Families Are Associated with Body Composition and Metabolic Risk Markers in School-Aged Children in Rural Mexico. <i>Childhood Obesity</i> , 2020, 16, 358-366.	1.5	16
32	Microbial DNA extraction from intestinal biopsies is improved by avoiding mechanical cell disruption. <i>Journal of Microbiological Methods</i> , 2011, 87, 125-127.	1.6	13
33	Metabolic profile of the Warburg effect as a tool for molecular prognosis and diagnosis of cancer. <i>Expert Review of Molecular Diagnostics</i> , 2022, 22, 439-447.	3.1	12
34	A Molecular Tool for Rapid Detection and Traceability of <i>Cyclospora cayetanensis</i> in Fresh Berries and Berry Farm Soils. <i>Foods</i> , 2020, 9, 261.	4.3	11
35	Improving global influenza surveillance: trends of A(H5N1) virus in Africa and Asia. <i>BMC Research Notes</i> , 2012, 5, 62.	1.4	9
36	Red drupelet reversion in blackberries caused by mechanical damage is not linked to a reduction in anthocyanin content. <i>Postharvest Biology and Technology</i> , 2021, 180, 111618.	6.0	8

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37	Improving appearance and microbiologic quality of broiler carcasses with an allostatic modulator. Poultry Science, 2015, 94, 1957-1963.	3.4	6
38	Molecular Identification, Incidence, and Distribution of <i>Acidovorax avenae</i> in the Sugarcane-Producing Agroecological Regions of Mexico. Sugar Tech, 2021, 23, 891-899.	1.8	5
39	A Comprehensive Evaluation of Enterobacteriaceae Primer Sets for Analysis of Host-Associated Microbiota. Pathogens, 2022, 11, 17.	2.8	5
40	Molecular Diversity of the Antimicrobial Domain of Beta-Defensin 3 and Homologous Peptides. Comparative and Functional Genomics, 2009, 2009, 1-8.	2.0	4
41	Making things clear: Science-based reasons that chickens are not fed growth hormones. Trends in Food Science and Technology, 2016, 51, 106-110.	15.1	4
42	Evaluation of Dietary Aspergillus Meal on Intestinal Morphometry in Turkey Poults. International Journal of Poultry Science, 2010, 9, 875-878.	0.1	4
43	Resveratrol shortens the chronological lifespan of <i>Saccharomyces cerevisiae</i> by a pro-oxidant mechanism. Yeast, 2022, 39, 193-207.	1.7	4
44	A rapid test for avian influenza detects swine influenza virus. Veterinary Record, 2013, 173, 424-424.	0.3	3
45	PCR Assays Based on <i>invA</i> Gene Amplification are not Reliable for Salmonella Detection. Jundishapur Journal of Microbiology, 2019, In Press, .	0.5	3
46	<i>Snf1p/Hxk2p/Mig1p</i> pathway regulates hexose transporters transcript levels, affecting the exponential growth and mitochondrial respiration of <i>Saccharomyces cerevisiae</i> . Fungal Genetics and Biology, 2022, 161, 103701.	2.1	3
47	Resistance to Velogenic Newcastle Disease Virus in Leghorn Chickens by Use of Prophylactic Lymphokines. Avian Diseases, 2002, 46, 525-534.	1.0	2
48	Effective probiotic therapy. Clinical Nutrition, 2005, 24, 478.	5.0	1
49	Towards Interactive Visualization for Exploring Conserved Motifs in Noncoding DNA Sequence. , 2007, , .		1
50	Probiotic therapy: a real tool to reduce intestinal infections?. Medical Science Monitor, 2004, 10, LE22-3.	1.1	1
51	Effect of Feeding Insoluble Fiber on the Microbiota and Metabolites of the Caecum and Feces of Rabbits Recovering from Epizootic Rabbit Enteropathy Relative to Non-Infected Rabbits. Pathogens, 2022, 11, 571.	2.8	1
52	Polarized provision of cysteine affects redox homeostasis in intestinal Caco2 cells. FASEB Journal, 2006, 20, A549.	0.5	0
53	It's not junk!. ACM SIGEVOlution, 2008, 3, 5-16.	0.5	0
54	An Improve Protocol for PCR Using LM1 and LM2 Primers for <i>Listeria monocytogenes</i> Detection in Food Matrices. Polish Journal of Microbiology, 2017, 66, 255-257.	1.7	0

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55	A Portable Vibration System to Induce and Evaluate Susceptibility to Red Drupelet Reversion in Blackberry Cultivars. Horticulturae, 2022, 8, 631.	2.8	0