Gerardo M Nava

List of Publications by Year
in descending order

55 papers	2,434 citations	279487 23 h-index	205818 48 g-index
57 all docs	57 docs citations	57 times ranked	4243 citing authors

#	Article	IF	Citations
1	Resveratrol shortens the chronological lifespan of <scp>Saccharomyces cerevisiae</scp> by a proâ€oxidant mechanism. Yeast, 2022, 39, 193-207.	0.8	4
2	Metabolic profile of the Warburg effect as a tool for molecular prognosis and diagnosis of cancer. Expert Review of Molecular Diagnostics, 2022, 22, 439-447.	1.5	12
3	A Comprehensive Evaluation of Enterobacteriaceae Primer Sets for Analysis of Host-Associated Microbiota. Pathogens, 2022, 11, 17.	1.2	5
4	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.	1.2	1
5	Snf1p/Hxk2p/Mig1p pathway regulates hexose transporters transcript levels, affecting the exponential growth and mitochondrial respiration of Saccharomyces cerevisiae. Fungal Genetics and Biology, 2022, 161, 103701.	0.9	3
6	A Portable Vibration System to Induce and Evaluate Susceptibility to Red Drupelet Reversion in Blackberry Cultivars. Horticulturae, 2022, 8, 631.	1.2	0
7	Molecular Identification, Incidence, and Distribution of Acidovorax avenae in the Sugarcane-Producing Agroecological Regions of Mexico. Sugar Tech, 2021, 23, 891-899.	0.9	5
8	Red drupelet reversion in blackberries caused by mechanical damage is not linked to a reduction in anthocyanin content. Postharvest Biology and Technology, 2021, 180, 111618.	2.9	8
9	Gut Bacterial Families Are Associated with Body Composition and Metabolic Risk Markers in School-Aged Children in Rural Mexico. Childhood Obesity, 2020, 16, 358-366.	0.8	16
10	A Molecular Tool for Rapid Detection and Traceability of Cyclospora cayetanensis in Fresh Berries and Berry Farm Soils. Foods, 2020, 9, 261.	1.9	11
11	Three-Year Longitudinal Study: Prevalence of Salmonella Enterica in Chicken Meat is Higher in Supermarkets than Wet Markets from Mexico. Foods, 2020, 9, 264.	1.9	20
12	Insights into the Identification of the Specific Spoilage Organisms in Chicken Meat. Foods, 2020, 9, 225.	1.9	29
13	Comparison of the bioactive potential of Roselle (Hibiscus sabdariffa L.) calyx and its by-product: Phenolic characterization by UPLC-QTOF MS and their anti-obesity effect in vivo. Food Research International, 2019, 126, 108589.	2.9	38
14	PCR Assays Based on invA Gene Amplification are not Reliable for Salmonella Detection. Jundishapur Journal of Microbiology, 2019, In Press, .	0.2	3
15	Resveratrol induces mitochondrial dysfunction and decreases chronological life span of Saccharomyces cerevisiae in a glucose-dependent manner. Journal of Bioenergetics and Biomembranes, 2017, 49, 241-251.	1.0	17
16	An Improve Protocol for PCR Using LM1 and LM2 Primers for Listeria monocytogenes Detection in Food Matrices. Polish Journal of Microbiology, 2017, 66, 255-257.	0.6	0
17	Making things clear: Science-based reasons that chickens are not fed growth hormones. Trends in Food Science and Technology, 2016, 51, 106-110.	7.8	4
18	Energyâ€dependent effects of resveratrol in Saccharomyces cerevisiae. Yeast, 2016, 33, 227-234.	0.8	19

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19	Resveratrol increases glycolytic flux in Saccharomyces cerevisiae via a SNF1-dependet mechanism. Journal of Bioenergetics and Biomembranes, 2015, 47, 331-336.	1.0	20
20	Improving appearance and microbiologic quality of broiler carcasses with an allostatic modulator. Poultry Science, 2015, 94, 1957-1963.	1.5	6
21	A rapid test for avian influenza detects swine influenza virus. Veterinary Record, 2013, 173, 424-424.	0.2	3
22	Abundance and diversity of mucosa-associated hydrogenotrophic microbes in the healthy human colon. ISME Journal, 2012, 6, 57-70.	4.4	156
23	Lactobacillus probiotic protects intestinal epithelium from radiation injury in a TLR-2/cyclo-oxygenase-2-dependent manner. Gut, 2012, 61, 829-838.	6.1	210
24	Hydrogenotrophic microbiota distinguish native Africans from African and European Americans. Environmental Microbiology Reports, 2012, 4, 307-315.	1.0	32
25	Improving global influenza surveillance: trends of A(H5N1) virus in Africa and Asia. BMC Research Notes, 2012, 5, 62.	0.6	9
26	Commensal Bacteroides Species Induce Colitis in Host-Genotype-Specific Fashion in a Mouse Model of Inflammatory Bowel Disease. Cell Host and Microbe, 2011, 9, 390-403.	5.1	409
27	Microbial DNA extraction from intestinal biopsies is improved by avoiding mechanical cell disruption. Journal of Microbiological Methods, 2011, 87, 125-127.	0.7	13
28	Diversity of the autochthonous colonic microbiota. Gut Microbes, 2011, 2, 99-104.	4.3	149
29	On the Relationship between Sialomucin and Sulfomucin Expression and Hydrogenotrophic Microbes in the Human Colonic Mucosa. PLoS ONE, 2011, 6, e24447.	1.1	81
30	Host genetic susceptibility, dysbiosis, and viral triggers in inflammatory bowel disease. Current Opinion in Gastroenterology, 2011, 27, 321-327.	1.0	64
31	Spatial organization of intestinal microbiota in the mouse ascending colon. ISME Journal, 2011, 5, 627-638.	4.4	228
32	Impact of antigenic and genetic drift on the serologic surveillance of H5N2 avian influenza viruses. BMC Veterinary Research, 2010, 6, 57.	0.7	17
33	DNA damage and toxicogenomic analyses of hydrogen sulfide in human intestinal epithelial FHs 74 Int cells. Environmental and Molecular Mutagenesis, 2010, 51, 304-314.	0.9	156
34	Arsenic (+ 3 Oxidation State) Methyltransferase and the Methylation of Arsenicals in the Invertebrate Chordate Ciona intestinalis. Toxicological Sciences, 2010, 113, 70-76.	1.4	31
35	Evaluation of Dietary Aspergillus Meal on Intestinal Morphometry in Turkey Poults. International Journal of Poultry Science, 2010, 9, 875-878.	0.6	4
36	Genomic analyses reveal a conserved glutathione homeostasis pathway in the invertebrate chordate Ciona intestinalis. Physiological Genomics, 2009, 39, 183-194.	1.0	21

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37	Molecular Diversity of the Antimicrobial Domain of Beta-Defensin 3 and Homologous Peptides. Comparative and Functional Genomics, 2009, 2009, 1-8.	2.0	4
38	Molecular analysis of microbial community structure in the chicken ileum following organic acid supplementation. Veterinary Microbiology, 2009, 137, 345-353.	0.8	50
39	Dietary supplementation of mannan-oligosaccharide enhances neonatal immune responses in chickens during natural exposure to Eimeria spp. Acta Veterinaria Scandinavica, 2009, 51, 11.	0.5	56
40	Molecular Ecological Analysis of Fecal Bacterial Populations from Term Infants Fed Formula Supplemented with Selected Blends of Prebiotics. Applied and Environmental Microbiology, 2009, 75, 1121-1128.	1.4	78
41	Origins of the new influenza A(H1N1) virus: time to take action. Eurosurveillance, 2009, 14, .	3.9	21
42	Avian influenza: genetic evolution under vaccination pressure. Virology Journal, 2008, 5, 15.	1.4	63
43	An Evaluation of Information Content as a Metric for the Inference of Putative Conserved Noncoding Regions in DNA Sequences Using a Genetic Algorithms Approach. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2008, 5, 1-14.	1.9	30
44	Impact of the Intestinal Microbiota on the Development of Mucosal Defense. Clinical Infectious Diseases, 2008, 46, S80-S86.	2.9	40
45	A Novel Resistant Maltodextrin Alters Gastrointestinal Tolerance Factors, Fecal Characteristics, and Fecal Microbiota in Healthy Adult Humans. Journal of the American College of Nutrition, 2008, 27, 356-366.	1.1	65
46	It's not junk!. ACM SIGEVOlution, 2008, 3, 5-16.	0.3	0
47	Towards Interactive Visualization for Exploring Conserved Motifs in Noncoding DNA Sequence. , 2007, , .		1
48	The Evaluation of Organic Acids and Probiotic Cultures to Reduce Salmonella enteriditis Horizontal Transmission and Crop Infection in Broiler Chickens. International Journal of Poultry Science, 2007, 6, 182-186.	0.6	24
49	Polarized provision of cysteine affects redox homeostasis in intestinal Caco2â€BBE cells. FASEB Journal, 2006, 20, A549.	0.2	0
50	Effective probiotic therapy. Clinical Nutrition, 2005, 24, 478.	2.3	1
51	Probiotic alternatives to reduce gastrointestinal infections: the poultry experience. Animal Health Research Reviews, 2005, 6, 105-118.	1.4	124
52	Evaluation of Intervention Strategies for Idiopathic Diarrhea in Commercial Turkey Brooding Houses. Journal of Applied Poultry Research, 2005, 14, 345-348.	0.6	36
53	Prevalence of Escherichia coli O157 in Cattle and Swine in Central Mexico. Journal of Food Protection, 2004, 67, 2274-2276.	0.8	32
54	Probiotic therapy: a real tool to reduce intestinal infections?. Medical Science Monitor, 2004, 10, LE22-3.	0.5	1

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55	Resistance to Velogenic Newcastle Disease Virus in Leghorn Chickens by Use of Prophylactic Lymphokines. Avian Diseases, 2002, 46, 525-534.	0.4	2