

Amit Vikram

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,711
citations

172457

29
h-index

197818

49
g-index

52
all docs

52
docs citations

52
times ranked

3738
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. <i>Journal of Applied Microbiology</i> , 2010, 109, 515-527.	3.1	284
2	Intestinal Interleukin-17 Receptor Signaling Mediates Reciprocal Control of the Gut Microbiota and Autoimmune Inflammation. <i>Immunity</i> , 2016, 44, 659-671.	14.3	256
3	Bioactive Compounds: Historical Perspectives, Opportunities, and Challenges. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8142-8160.	5.2	222
4	Grapefruit juice and its furocoumarins inhibits autoinducer signaling and biofilm formation in bacteria. <i>International Journal of Food Microbiology</i> , 2008, 125, 204-208.	4.7	175
5	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. <i>Journal of Immunology</i> , 2016, 197, 97-107.	0.8	108
6	<i>Lactobacillus rhamnosus</i> HN001 decreases the severity of necrotizing enterocolitis in neonatal mice and preterm piglets: evidence in mice for a role of TLR9. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G1021-G1032.	3.4	103
7	Impact of "Raised without Antibiotics" Beef Cattle Production Practices on Occurrences of Antimicrobial Resistance. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	99
8	Citrus limonoids interfere with <i>Vibrio harveyi</i> cell-cell signalling and biofilm formation by modulating the response regulator LuxO. <i>Microbiology (United Kingdom)</i> , 2011, 157, 99-110.	1.8	91
9	Grapefruit bioactive limonoids modulate <i>E. coli</i> O157:H7 TTSS and biofilm. <i>International Journal of Food Microbiology</i> , 2010, 140, 109-116.	4.7	89
10	Differential inhibition of human colon cancer cells by structurally similar flavonoids of citrus. <i>Food Chemistry</i> , 2012, 132, 27-34.	8.2	74
11	Produced Water Exposure Alters Bacterial Response to Biocides. <i>Environmental Science & Technology</i> , 2014, 48, 13001-13009.	10.0	68
12	Advances in Omics Approaches for Abiotic Stress Tolerance in Tomato. <i>Biology</i> , 2019, 8, 90.	2.8	68
13	Simultaneous determination of citrus limonoid aglycones and glucosides by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 590, 180-186.	5.4	66
14	Efflux as a Glutaraldehyde Resistance Mechanism in <i>Pseudomonas fluorescens</i> and <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3433-3440.	3.2	64
15	Predominance and Metabolic Potential of <i>Halanaerobium</i> spp. in Produced Water from Hydraulically Fractured Marcellus Shale Wells. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	64
16	Phage Biocontrol Applications in Food Production and Processing. <i>Current Issues in Molecular Biology</i> , 2021, 40, 267-302.	2.4	62
17	Shift in the Microbial Ecology of a Hospital Hot Water System following the Introduction of an On-Site Monochloramine Disinfection System. <i>PLoS ONE</i> , 2014, 9, e102679.	2.5	62
18	<i>Vibrio cholerae</i> ToxR Downregulates Virulence Factor Production in Response to Cyclo(Phe-Pro). <i>MBio</i> , 2013, 4, e00366-13.	4.1	57

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19	Similar Levels of Antimicrobial Resistance in U.S. Food Service Ground Beef Products with and without a "Raised without Antibiotics" Claim. <i>Journal of Food Protection</i> , 2018, 81, 2007-2018.	1.7	48
20	Seasonal Dynamics of the Airborne Bacterial Community and Selected Viruses in a Children's Daycare Center. <i>PLoS ONE</i> , 2016, 11, e0151004.	2.5	46
21	Isolimononic acid interferes with <i>Escherichia coli</i> O157:H7 biofilm and TTSS in QseBC and QseA dependent fashion. <i>BMC Microbiology</i> , 2012, 12, 261.	3.3	45
22	Citrus flavonoid represses <i>Salmonella</i> pathogenicity island 1 and motility in <i>S. Typhimurium</i> LT2. <i>International Journal of Food Microbiology</i> , 2011, 145, 28-36.	4.7	41
23	Metatranscriptome analysis of active microbial communities in produced water samples from the Marcellus Shale. <i>Microbial Ecology</i> , 2016, 72, 571-581.	2.8	41
24	Inhibition of <i>Escherichia coli</i> O157:H7 motility and biofilm by β -Sitosterol glucoside. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5219-5228.	2.4	37
25	Polymethoxyflavones Isolated from the Peel of Miaray Mandarin (<i>Citrus miaray</i>) Have Biofilm Inhibitory Activity in <i>Vibrio harveyi</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7180-7189.	5.2	37
26	Phage Biocontrol Improves Food Safety by Significantly Reducing the Level and Prevalence of <i>Escherichia coli</i> O157:H7 in Various Foods. <i>Journal of Food Protection</i> , 2020, 83, 668-676.	1.7	36
27	Fungal diversity and presence of potentially pathogenic fungi in a hospital hot water system treated with on-site monochloramine. <i>Water Research</i> , 2015, 71, 197-206.	11.3	35
28	Centralized Drinking Water Treatment Operations Shape Bacterial and Fungal Community Structure. <i>Environmental Science & Technology</i> , 2017, 51, 7648-7657.	10.0	35
29	Genetic Variability, Correlation and Path Coefficient Analysis in Tomato. <i>International Journal of Vegetable Science</i> , 2013, 19, 313-323.	1.3	34
30	Intestinal epithelial Toll-like receptor 4 prevents metabolic syndrome by regulating interactions between microbes and intestinal epithelial cells in mice. <i>Mucosal Immunology</i> , 2018, 11, 727-740.	6.0	34
31	Microbial communities in Bakken region produced water. <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	27
32	Obacunone Represses <i>Salmonella</i> Pathogenicity Islands 1 and 2 in anenvZ-Dependent Fashion. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7012-7022.	3.1	25
33	Methyl nomilinate from citrus can modulate cell cycle regulators to induce cytotoxicity in human colon cancer (SW480) cells in vitro. <i>Toxicology in Vitro</i> , 2012, 26, 1216-1223.	2.4	24
34	FunctionalblaKPC-2Sequences Are Present in U.S. Beef Cattle Feces Regardless of Antibiotic Use. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 444-448.	1.8	23
35	Food Service Pork Chops from Three U.S. Regions Harbor Similar Levels of Antimicrobial Resistance Regardless of Antibiotic Use Claims. <i>Journal of Food Protection</i> , 2019, 82, 1667-1676.	1.7	21
36	Effects of In-Feed Chlortetracycline Prophylaxis in Beef Cattle on Antimicrobial Resistance Genes. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 689-697.	1.8	12

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37	Antimicrobial Resistance in U.S. Retail Ground Beef with and without Label Claims Regarding Antibiotic Use. <i>Journal of Food Protection</i> , 2021, 84, 827-842.	1.7	12
38	Indigenous Crops of Asia and Southeast Asia: Exploring Health-promoting Properties. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 821-827.	1.0	11
39	Limonin 7-methoxime interferes with <i>Escherichia coli</i> biofilm formation and attachment in type 1 pili and antigen 43 dependent manner. <i>Food Control</i> , 2012, 26, 427-438.	5.5	10
40	The Effects of Sample Storage Conditions on the Microbial Community Composition in Hydraulic Fracturing Produced Water. <i>Geomicrobiology Journal</i> , 2019, 36, 630-638.	2.0	10
41	In-Feed Tylosin Phosphate Administration to Feedlot Cattle Minimally Affects Antimicrobial Resistance. <i>Journal of Food Protection</i> , 2020, 83, 350-364.	1.7	9
42	Cancer Chemopreventive Properties of Citrus Limonoids. <i>ACS Symposium Series</i> , 2012, , 37-50.	0.5	8
43	Upregulation of peroxide scavenging enzymes and multidrug efflux proteins highlight an active sodium hypochlorite response in <i>Pseudomonas fluorescens</i> biofilms. <i>Biofouling</i> , 2019, 35, 329-339.	2.2	7
44	Hybrid Cucumber. <i>Journal of New Seeds</i> , 2004, 6, 375-380.	0.3	6
45	Antimicrobial Resistance at Two U.S. Cull Cow Processing Establishments. <i>Journal of Food Protection</i> , 2020, 83, 2216-2228.	1.7	6
46	Resistomes and microbiome of meat trimmings and colon content from culled cows raised in conventional and organic production systems. <i>Animal Microbiome</i> , 2022, 4, 21.	3.8	6
47	Cyclo(valine- ϵ -valine) inhibits <i>Vibrio cholerae</i> virulence gene expression. <i>Microbiology (United Kingdom)</i> 10.1093/mic/kgab114	1.8	5
48	Draft Genome Sequence of <i>Methanohalophilus mahii</i> Strain DAL1 Reconstructed from a Hydraulic Fracturing-Produced Water Metagenome. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
49	BREEDING VEGETABLES AND FRUITS TO IMPROVE HUMAN HEALTH: A COLLABORATIVE EFFORT OF MULTIDISCIPLINARY SCIENTISTS, STAKEHOLDERS AND CONSUMERS USING A SYSTEMS-BASED APPROACH. <i>Acta Horticulturae</i> , 2012, , 19-32.	0.2	1
50	(88) Sour Orange: A Source of Unique Bioactive Limonoid Glucosides. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1022A-1022.	1.0	0
51	Character association and path coefficient analysis for yield and quality traits in tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 922.	0.1	0