

Praveen Rishi

List of Publications by Year in descending order

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93
papers

1,710
citations

279487

23
h-index

344852

36
g-index

95
all docs

95
docs citations

95
times ranked

2356
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of oxidative stress and cytokine activity by curcumin in amelioration of endotoxin-induced experimental hepatotoxicity in rodents. <i>Clinical and Experimental Immunology</i> , 2006, 145, 313-321.	1.1	104
2	Diet, Gut Microbiota and COVID-19. <i>Indian Journal of Microbiology</i> , 2020, 60, 420-429.	1.5	86
3	Catechin Suppresses an Array of Signalling Molecules and Modulates Alcohol-Induced Endotoxin Mediated Liver Injury in a Rat Model. <i>PLoS ONE</i> , 2011, 6, e20635.	1.1	70
4	Curcumin, a polyphenolic antioxidant, attenuates chronic fatigue syndrome in murine water immersion stress model. <i>Immunobiology</i> , 2009, 214, 33-39.	0.8	68
5	Protective efficacy of probiotic alone or in conjunction with a prebiotic in Salmonella-induced liver damage. <i>FEMS Microbiology Ecology</i> , 2009, 69, 222-230.	1.3	66
6	Lactobacillus rhamnosus GG antagonizes Giardia intestinalis induced oxidative stress and intestinal disaccharidases: an experimental study. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1049-1057.	1.7	66
7	Optimization of the biological synthesis of silver nanoparticles using Penicillium oxalicum GRS-1 and their antimicrobial effects against common food-borne pathogens. <i>Green Processing and Synthesis</i> , 2019, 8, 144-156.	1.3	54
8	Heavy metal-induced selection and proliferation of antibiotic resistance: A review. <i>Journal of Applied Microbiology</i> , 2022, 132, 4058-4076.	1.4	52
9	Effect of nisin and doxorubicin on DMBA-induced skin carcinogenesis—a possible adjunct therapy. <i>Tumor Biology</i> , 2015, 36, 8301-8308.	0.8	49
10	Probiotic attributes and prevention of LPS-induced pro-inflammatory stress in RAW264.7 macrophages and human intestinal epithelial cell line (Caco-2) by newly isolated <i>Weissella cibaria</i> strains. <i>Food and Function</i> , 2018, 9, 1254-1264.	2.1	45
11	Value Addition in the Efficacy of Conventional Antibiotics by Nisin against Salmonella. <i>PLoS ONE</i> , 2013, 8, e76844.	1.1	41
12	<i>In Vitro</i> and <i>In Vivo</i> Synergistic Effects of Cryptdin 2 and Ampicillin against Salmonella. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4176-4182.	1.4	36
13	UDP-N-acetylglucosamine enolpyruvyl transferase as a potential target for antibacterial chemotherapy: recent developments. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 211-225.	1.7	33
14	Exploiting chitosan and gold nanoparticles for antimycobacterial activity of in silico identified antimicrobial motif of human neutrophil peptide-1. <i>Scientific Reports</i> , 2019, 9, 7866.	1.6	33
15	Nisin/β-lactam adjunct therapy against Salmonella enterica serovar Typhimurium: a mechanistic approach. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1877-1887.	1.3	31
16	Cryptdin-2: a novel therapeutic agent for experimental Salmonella Typhimurium infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 991-994.	1.3	30
17	Down-regulation of NF-κB signalling by polyphenolic compounds prevents endotoxin-induced liver injury in a rat model. <i>Innate Immunity</i> , 2012, 18, 70-79.	1.1	30
18	Better Management of Alcohol Liver Disease Using a Microstructured Synbox™ System Comprising L. plantarum and EGCG. <i>PLoS ONE</i> , 2017, 12, e0168459.	1.1	29

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19	Systematic Development and Characterization of Novel, High Drug-Loaded, Photostable, Curcumin Solid Lipid Nanoparticle Hydrogel for Wound Healing. <i>Antioxidants</i> , 2021, 10, 725.	2.2	27
20	A gold nanoparticles based immuno-bioprobe for detection of Vi capsular polysaccharide of <i>Salmonella enterica</i> serovar Typhi. <i>Molecular BioSystems</i> , 2012, 8, 1853.	2.9	26
21	<i>Azadirachta indica</i> exhibits chemopreventive action against hepatic cancer: Studies on associated histopathological and ultrastructural changes. <i>Microscopy Research and Technique</i> , 2012, 75, 586-595.	1.2	26
22	Aptamer functionalized MoS ₂ -rGO nanocomposite based biosensor for the detection of Vi antigen. <i>Biosensors and Bioelectronics</i> , 2018, 122, 121-126.	5.3	24
23	Vitamin E Supplementation Modulates Endotoxin-induced Liver Damage in a Rat Model. <i>American Journal of Biomedical Sciences</i> , 0, , 51-62.	0.2	23
24	Effect of <i>Lactobacillus plantarum</i> and l-arginine against endotoxin-induced liver injury in a rat model. <i>Life Sciences</i> , 2011, 89, 847-853.	2.0	23
25	Efficiency of Double Layered Microencapsulated Probiotic to Modulate Proinflammatory Molecular Markers for the Management of Alcoholic Liver Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	23
26	Evaluation of nisin-β-lactam antibiotics against clinical strains of <i>Salmonella enterica</i> serovar Typhi. <i>Journal of Antibiotics</i> , 2014, 67, 807-811.	1.0	23
27	Improved oral therapeutic potential of nanoencapsulated cryptdin formulation against <i>Salmonella</i> infection. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 72, 27-33.	1.9	23
28	Effect of <i>L. plantarum</i> cell-free extract and co-trimoxazole against <i>Salmonella Typhimurium</i> : a possible adjunct therapy. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2011, 10, 9.	1.7	22
29	A novel multi-enzyme preparation produced from <i>Aspergillus niger</i> using biodegradable waste: a possible option to combat heterogeneous biofilms. <i>AMB Express</i> , 2020, 10, 36.	1.4	22
30	Tumour necrosis factor α mediated apoptosis in murine macrophages by <i>Salmonella enterica</i> serovar Typhi under oxidative stress. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 47, 278-286.	2.7	21
31	Phytomodulatory potentials of <i>Aloe vera</i> against <i>Salmonella</i> OmpR-mediated inflammation. <i>Phytotherapy Research</i> , 2008, 22, 1075-1082.	2.8	20
32	Efficacy of designer K11 antimicrobial peptide (a hybrid of melittin, cecropin A1 and magainin 2) against <i>Acinetobacter baumannii</i> -infected wounds. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	20
33	Cellular immune response induced by <i>Salmonella enterica</i> serotype Typhi iron-regulated outer-membrane proteins at peripheral and mucosal levels. <i>Journal of Medical Microbiology</i> , 2005, 54, 815-821.	0.7	19
34	Involvement of caspase-3, lipid peroxidation and TNF-α in causing apoptosis of macrophages by coordinately expressed <i>Salmonella</i> phenotype under stress conditions. <i>Molecular Immunology</i> , 2007, 44, 1551-1558.	1.0	19
35	Peptides as adjuvants for ampicillin and oxacillin against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Microbial Pathogenesis</i> , 2018, 124, 11-20.	1.3	19
36	Evaluation of Amoebicidal Potential of Paneth Cell Cryptdin-2 against <i>Entamoeba histolytica</i> . <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1386.	1.3	17

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37	Recombinant expression, purification and PEGylation of Paneth cell peptide (cryptdin-2) with value added attributes against <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2020, 10, 12164.	1.6	17
38	Positive effect of probiotic <i>Lactobacillus plantarum</i> in reversing LPS-induced infertility in a mouse model. <i>Journal of Medical Microbiology</i> , 2016, 65, 345-350.	0.7	16
39	<i>Plasmodium berghei</i> : Influence of infection on the oxidant and antioxidants levels in pregnant BALB/c mice. <i>Experimental Parasitology</i> , 2012, 131, 215-222.	0.5	14
40	Topical delivery of TRP siRNA-loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats. <i>Journal of Drug Targeting</i> , 2018, 26, 135-149.	2.1	14
41	Protection mediated by antibodies to iron-regulated outer-membrane proteins of <i>S. typhi</i> in a mouse peritonitis model. <i>Molecular and Cellular Biochemistry</i> , 2005, 273, 69-78.	1.4	13
42	Amelioratory Effects of Zinc Supplementation on Salmonella-induced Hepatic Damage in the Murine Model. <i>Digestive Diseases and Sciences</i> , 2008, 53, 1063-1070.	1.1	13
43	Selective identification of specific aptamers for the detection of non-typhoidal salmonellosis in an apta-impedimetric sensing format. <i>Mikrochimica Acta</i> , 2017, 184, 1499-1508.	2.5	13
44	Changes in the electrical properties at an early stage of mouse liver carcinogenesis. <i>Bioelectromagnetics</i> , 2013, 34, 429-436.	0.9	12
45	Tackling Salmonella Persister Cells by Antibioticâ€Nisin Combination via Mannitol. <i>Indian Journal of Microbiology</i> , 2018, 58, 239-243.	1.5	12
46	Envisaging Antifungal Potential of Histatin 5: A Physiological Salivary Peptide. <i>Journal of Fungi (Basel)</i> , 2020, 6, 1070.	1.5	12
47	Reactivity of typhoid patients sera with stress induced 55 kDa phenotype in <i>Salmonella enterica</i> serovar Typhi. <i>Molecular and Cellular Biochemistry</i> , 2004, 267, 75-82.	1.4	11
48	Macrophage Cell Death Due to <i>Salmonella enterica</i> Serovar Typhi and Its Acid Stress Protein Has Features of Apoptosis. <i>Microbiology and Immunology</i> , 2005, 49, 323-330.	0.7	11
49	Protective potential of <i>L. acidophilus</i> in murine giardiasis. <i>Open Medicine (Poland)</i> , 2010, 5, 456-463.	0.6	11
50	Efficacy of Cryptdin-2 as an Adjunct to Antibiotics from Various Generations Against Salmonella. <i>Indian Journal of Microbiology</i> , 2014, 54, 323-328.	1.5	11
51	Augmented antibiotic resistance associated with cadmium induced alterations in <i>Salmonella enterica</i> serovar Typhi. <i>Scientific Reports</i> , 2018, 8, 12818.	1.6	11
52	Salmonella Strain Specificity Determines Post-typhoid Central Nervous System Complications: Intervention by <i>Lactiplantibacillus plantarum</i> at Gut-Brain Axis. <i>Frontiers in Microbiology</i> , 2020, 11, 1568.	1.5	11
53	<i>Salmonella typhi</i> iron-regulated outer-membrane proteins cause oedema and hyperalgesia during inflammation induced in a rat model. <i>Journal of Medical Microbiology</i> , 2005, 54, 421-423.	0.7	10
54	Are the increases in local tumour necrosis factor and lipid peroxidation observed in pre-starved mice infected with <i>Salmonella typhimurium</i> markers of increased liver damage?. <i>Microbes and Infection</i> , 2006, 8, 1695-1701.	1.0	10

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55	Revisiting eukaryotic anti-infective biotherapeutics. <i>Critical Reviews in Microbiology</i> , 2014, 40, 281-292.	2.7	10
56	Cocktail of carbohydrases from <i>Aspergillus niger</i> : an economical and eco-friendly option for biofilm clearance from biopolymer surfaces. <i>AMB Express</i> , 2021, 11, 22.	1.4	10
57	Role of <i>Salmonella</i> surface components in immunomodulation of inflammatory mediators. <i>Molecular and Cellular Biochemistry</i> , 2005, 270, 167-175.	1.4	9
58	Potential of 1-(1-naphthylmethyl)-piperazine, an efflux pump inhibitor against cadmium-induced multidrug resistance in <i>Salmonella enterica</i> serovar Typhi as an adjunct to antibiotics. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1303-1313.	0.8	9
59	Self-preserving gelatin emulgel containing whole cell probiotic for topical use: preclinical safety, efficacy, and germination studies. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1-13.	2.4	9
60	Immuno-fluorescence based Vi capsular polysaccharide detection for specific recognition of <i>Salmonella enterica</i> serovar Typhi in clinical samples. <i>Analytica Chimica Acta</i> , 2014, 841, 51-57.	2.6	8
61	Potential of 2, 2'-dipyridyl diselane as an adjunct to antibiotics to manage cadmium-induced antibiotic resistance in <i>Salmonella enterica</i> serovar Typhi Ty2 strain. <i>Journal of Microbiology</i> , 2017, 55, 737-744.	1.3	8
62	Prophylactic potential of cytolethal distending toxin B (CdtB) subunit of typhoid toxin against Typhoid fever. <i>Scientific Reports</i> , 2019, 9, 18404.	1.6	8
63	Antimicrobial Activity of Paneth Cells Derived Cryptdin-2 Against Selected Pathogens. <i>American Journal of Biomedical Sciences</i> , 0, , 13-22.	0.2	8
64	Current Antibigram and Clonal Relatedness Among Drug-Resistant <i>Salmonella enterica</i> Serovar Typhi in Northern India. <i>Microbial Drug Resistance</i> , 2013, 19, 204-211.	0.9	6
65	<i>Azadirachta indica</i> Modulates Electrical Properties and Type of Cell Death in NDEA-Induced Hepatic Tumors. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 383-390.	0.9	6
66	Anodic stripping voltammetry of anti-Vi antibody functionalized CdTe quantum dots for the specific monitoring of <i>Salmonella enterica</i> serovar Typhi. <i>RSC Advances</i> , 2015, 5, 88234-88240.	1.7	6
67	Isomaltooligosaccharides utilization and genomic characterization of human infant anti-inflammatory <i>Bifidobacterium longum</i> and <i>Bifidobacterium breve</i> strains. <i>3 Biotech</i> , 2022, 12, 89.	1.1	6
68	Immunobiology of Lipopolysaccharide (LPS) and LPS-Derived Immunoconjugates Vaccinate Mice against <i>Salmonella typhimurium</i> . <i>Microbiology and Immunology</i> , 1998, 42, 1-5.	0.7	5
69	55 kDa outer-membrane protein from short-chain fatty acids exposed <i>Salmonella enterica</i> serovar Typhi induces apoptosis in macrophages. <i>Antonie Van Leeuwenhoek</i> , 2006, 89, 317-323.	0.7	5
70	Immunological characterization of recombinant <i>Salmonella enterica</i> serovar Typhi FliC protein expressed in <i>Escherichia coli</i> . <i>AMB Express</i> , 2012, 2, 55.	1.4	5
71	Enhancing the Yield of Active Recombinant Chitobiase by Physico-Chemical and In Vitro Refolding Studies. <i>Protein Journal</i> , 2016, 35, 72-79.	0.7	5
72	Contribution of typhoid toxin in the pathogenesis of <i>Salmonella Typhi</i> . <i>Microbial Pathogenesis</i> , 2022, 164, 105444.	1.3	5

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73	Salmonella's Macrophage Interactions upon Manganese Supplementation. <i>Biological Trace Element Research</i> , 2010, 133, 110-119.	1.9	4
74	Management of Staphylococcus Mediated Systemic Infection by Enhancing the Resurging Activity of Co-trimoxazole in Presence of Cryptdin-2. <i>Indian Journal of Microbiology</i> , 2017, 57, 438-447.	1.5	4
75	Apoptotic cell death of macrophages by iron-stressed Salmonella enterica serovar Typhimurium. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 887-893.	1.7	3
76	Augmentation of antimicrobial activity of conventional antibiotics by cell-free extract of <i>L. plantarum</i> . <i>Journal of Antibiotics</i> , 2011, 64, 795-798.	1.0	3
77	Anti-Yersinia Activity of Cryptdin-2: A Paneth Cell Peptide. <i>The National Academy of Sciences, India</i> , 2013, 36, 161-166.	0.8	3
78	Potential of Probiotic <i>Lactobacillus plantarum</i> 2621 for the Management of Infertility. <i>British Microbiology Research Journal</i> , 2014, 4, 1585-1596.	0.2	3
79	Bi-directional elucidation of <i>Lactiplantibacillus plantarum</i> (RTA 8) intervention on the pathophysiology of gut-brain axis during Salmonella brain infection. <i>Gut Pathogens</i> , 2022, 14, 11.	1.6	3
80	Design, characterization and structure-function analysis of novel antimicrobial peptides based on the N-terminal CATH-2 fragment. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
81	Effect of Plasmodium and Salmonella co-infection in a murine model. <i>Open Medicine (Poland)</i> , 2009, 4, 340-347.	0.6	2
82	Genomic analysis of Indian strains of Salmonella enterica subsp. enterica serovar Typhi indicates novel genetic repertoire for pathogenicity and adaptations. <i>Molecular Biology Reports</i> , 2019, 46, 3967-3989.	1.0	2
83	In vitro and in silico comparative evaluation of anti-Acinetobacter baumannii peptides. <i>Journal of Microbiology and Biotechnology</i> , 2015, , .	0.9	2
84	A Non-conventional Wine from Stem of <i>Syzygium cumini</i> and Statistical Optimization of its Fermentation Conditions for Maximum Bioactive Extraction. <i>International Journal of Food and Fermentation Technology</i> , 2016, 6, 25.	0.1	2
85	HilA gene expression in SCFAs adapted and inorganic acid challenged Salmonella enterica serovar typhimurium. <i>Nepal Medical College Journal</i> , 2007, 9, 162-5.	0.0	2
86	Microbially-derived cocktail of carbohydrases as an anti-biofouling agents: a "green approach". <i>Biofouling</i> , 2022, 38, 455-481.	0.8	2
87	Acid Induced Outer Membrane Phenotype in Salmonella typhi-a Gene Product of fliC. <i>American Journal of Biomedical Sciences</i> , 0, , 23-30.	0.2	1
88	Remediation of intramacrophageal type 1 by probiotic lactobacilli isolated from human infants' stool samples. <i>Indian Journal of Medical Research</i> , 2017, 145, 679-686.	0.4	1
89	Comparative In Vitro Antimicrobial Activity of Pantoprazole, Tetracycline and a Fixed Dose Combination in Helicobacter pylori Infection. <i>Current Drug Therapy</i> , 2009, 4, 106-110.	0.2	0
90	Stability of antimicrobial activity of cryptdin-2 against selected pathogens under physiological conditions. <i>Journal of Gastrointestinal Infections</i> , 2012, 2, 30-37.	0.1	0

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91	Evaluation of Antibacterial and Anti-inflammatory Potential of <i>Withania Somnifera</i> (Ashwagandha) against <i>Salmonella Enterica</i> Serovar Typhimurium. Journal of Gastrointestinal Infections, 2014, 4, 23-32.	0.1	0
92	Evaluation of Antibacterial and Anti-inflammatory Potential of <i>Withania Somnifera</i> (Ashwagandha) against <i>Salmonella Enterica</i> Serovar Typhimurium. Journal of Gastrointestinal Infections, 2014, 4, 23-32.	0.1	0
93	Inhibition of endotoxin-induced hepatotoxicity by melatonin in rats. International Journal of Biomedical Science, 2008, 4, 103-12.	0.5	0