Praveen Rishi

List of Publications by Year
in descending order

93 papers	1,710 citations	279798 23 h-index	345221 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 hepatoxicity in rodents. Clinical and Experimental Immunology, 2006, 145, 313-321.	2.6	104
2	Diet, Gut Microbiota and COVID-19. Indian Journal of Microbiology, 2020, 60, 420-429.	2.7	86
3	Catechin Suppresses an Array of Signalling Molecules and Modulates Alcohol-Induced Endotoxin Mediated Liver Injury in a Rat Model. PLoS ONE, 2011, 6, e20635.	2.5	70
4	Curcumin, a polyphenolic antioxidant, attenuates chronic fatigue syndrome in murine water immersion stress model. Immunobiology, 2009, 214, 33-39.	1.9	68
5	Protective efficacy of probiotic alone or in conjunction with a prebiotic in Salmonella-induced liver damage. FEMS Microbiology Ecology, 2009, 69, 222-230.	2.7	66
6	Lactobacillus rhamnosus GG antagonizes Giardia intestinalis induced oxidative stress and intestinal disaccharidases: an experimental study. World Journal of Microbiology and Biotechnology, 2013, 29, 1049-1057.	3.6	66
7	Optimization of the biological synthesis of silver nanoparticles using Penicillium oxalicum GRS-1 and their antimicrobial effects against common food-borne pathogens. Green Processing and Synthesis, 2019, 8, 144-156.	3.4	54
8	Heavy metal-induced selection and proliferation of antibiotic resistance: A review. Journal of Applied Microbiology, 2022, 132, 4058-4076.	3.1	52
9	Effect of nisin and doxorubicin on DMBA-induced skin carcinogenesisâ€"a possible adjunct therapy. Tumor Biology, 2015, 36, 8301-8308.	1.8	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 isolatedWeissella cibariastrains. Food and Function, 2018, 9, 1254-1264.	4.6	45
11	Value Addition in the Efficacy of Conventional Antibiotics by Nisin against Salmonella. PLoS ONE, 2013, 8, e76844.	2.5	41
12	In VitroandIn VivoSynergistic Effects of Cryptdin 2 and Ampicillin against Salmonella. Antimicrobial Agents and Chemotherapy, 2011, 55, 4176-4182.	3.2	36
13	UDP-N-acetylglucosamine enolpyruvyl transferase as a potential target for antibacterial chemotherapy: recent developments. Applied Microbiology and Biotechnology, 2011, 92, 211-225.	3.6	33
14	Exploiting chitosan and gold nanoparticles for antimycobacterial activity of in silico identified antimicrobial motif of human neutrophil peptide-1. Scientific Reports, 2019, 9, 7866.	3.3	33
15	Nisin/Î²-lactam adjunct therapy against Salmonella enterica serovar Typhimurium: a mechanistic approach. Journal of Antimicrobial Chemotherapy, 2014, 69, 1877-1887.	3.0	31
16	Cryptdin-2: a novel therapeutic agent for experimental Salmonella Typhimurium infection. Journal of Antimicrobial Chemotherapy, 2010, 65, 991-994.	3.0	30
17	Down-regulation of NF-ÎºB signalling by polyphenolic compounds prevents endotoxin-induced liver injury in a rat model. Innate Immunity, 2012, 18, 70-79.	2.4	30
18	Better Management of Alcohol Liver Disease Using a â€˜Microstructured Synboxâ€™ System Comprising L. plantarum and EGCG. PLoS ONE, 2017, 12, e0168459.	2.5	29

#	Article	IF	Citations
19	Systematic Development and Characterization of Novel, High Drug-Loaded, Photostable, Curcumin Solid Lipid Nanoparticle Hydrogel for Wound Healing. Antioxidants, 2021, 10, 725.	5.1	27
20	A gold nanoparticles based immuno-bioprobe for detection of Vi capsular polysaccharide of Salmonella enterica serovar Typhi. Molecular BioSystems, 2012, 8, 1853.	2.9	26
21	Azadirachta indica exhibits chemopreventive action against hepatic cancer: Studies on associated histopathological and ultrastructural changes. Microscopy Research and Technique, 2012, 75, 586-595.	2.2	26
22	Aptamer functionalized MoS2-rGO nanocomposite based biosensor for the detection of Vi antigen. Biosensors and Bioelectronics, 2018, 122, 121-126.	10.1	24
23	Vitamin E Supplementation Modulates Endotoxin-induced Liver Damage in a Rat Model. American Journal of Biomedical Sciences, 0, , 51-62.	0.2	23
24	Effect of Lactobacillus plantarum and l-arginine against endotoxin-induced liver injury in a rat model. Life Sciences, 2011, 89, 847-853.	4.3	23
25	Efficiency of Double Layered Microencapsulated Probiotic to Modulate ProInflammatory Molecular Markers for the Management of Alcoholic Liver Disease. Mediators of Inflammation, 2014, 2014, 1-11.	3.0	23
26	Evaluation of nisinâ€“Î²-lactam antibiotics against clinical strains of Salmonella enterica serovar Typhi. Journal of Antibiotics, 2014, 67, 807-811.	2.0	23
27	Improved oral therapeutic potential of nanoencapsulated cryptdin formulation against Salmonella infection. European Journal of Pharmaceutical Sciences, 2015, 72, 27-33.	4.0	23
28	Effect of L. plantarum cell-free extract and co-trimoxazole against Salmonella Typhimurium: a possible adjunct therapy. Annals of Clinical Microbiology and Antimicrobials, 2011, 10, 9.	3.8	22
29	A novel multi-enzyme preparation produced from Aspergillus niger using biodegradable waste: a possible option to combat heterogeneous biofilms. AMB Express, 2020, 10, 36.	3.0	22
30	Tumour necrosis factor ÃŽÂ± mediated apoptosis in murine macrophages bySalmonella entericaserovar Typhi under oxidative stress. FEMS Immunology and Medical Microbiology, 2006, 47, 278-286.	2.7	21
31	Phytomodulatory potentials of Aloe vera against Salmonella Omp<scp>R</scp>â€mediated inflammation. Phytotherapy Research, 2008, 22, 1075-1082.	5.8	20
32	Efficacy of designer K11 antimicrobial peptide (a hybrid of melittin, cecropin A1 and magainin 2) against Acinetobacter baumannii-infected wounds. Pathogens and Disease, 2018, 76, .	2.0	20
33	Cellular immune response induced by Salmonella enterica serotype Typhi iron-regulated outer-membrane proteins at peripheral and mucosal levels. Journal of Medical Microbiology, 2005, 54, 815-821.	1.8	19
34	Involvement of caspase-3, lipid peroxidation and TNF-Î± in causing apoptosis of macrophages by coordinately expressed Salmonella phenotype under stress conditions. Molecular Immunology, 2007, 44, 1551-1558.	2.2	19
35	Peptides as adjuvants for ampicillin and oxacillin against methicillin-resistant Staphylococcus aureus (MRSA). Microbial Pathogenesis, 2018, 124, 11-20.	2.9	19
36	Evaluation of Amoebicidal Potential of Paneth Cell Cryptdin-2 against Entamoeba histolytica. PLoS Neglected Tropical Diseases, 2011, 5, e1386.	3.0	17

#	Article	IF	Citations
37	Recombinant expression, purification and PEGylation of Paneth cell peptide (cryptdin-2) with value added attributes against Staphylococcus aureus. Scientific Reports, 2020, 10, 12164.	3.3	17
38	Positive effect of probiotic Lactobacillus plantarum in reversing LPS-induced infertility in a mouse model. Journal of Medical Microbiology, 2016, 65, 345-350.	1.8	16
39	Plasmodium berghei: Influence of infection on the oxidant and antioxidants levels in pregnant BALB/c mice. Experimental Parasitology, 2012, 131, 215-222.	1.2	14
40	Topical delivery of TRPsiRNA-loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats. Journal of Drug Targeting, 2018, 26, 135-149.	4.4	14
41	Protection mediated by antibodies to iron-regulated outer-membrane proteins of S. typhi in a mouse peritonitis model. Molecular and Cellular Biochemistry, 2005, 273, 69-78.	3.1	13
42	Amelioratory Effects of Zinc Supplementation on Salmonella-induced Hepatic Damage in the Murine Model. Digestive Diseases and Sciences, 2008, 53, 1063-1070.	2.3	13
43	Selective identification of specific aptamers for the detection of non-typhoidal salmonellosis in an apta-impedimetric sensing format. Mikrochimica Acta, 2017, 184, 1499-1508.	5.0	13
44	Changes in the electrical properties at an early stage of mouse liver carcinogenesis. Bioelectromagnetics, 2013, 34, 429-436.	1.6	12
45	Tackling Salmonella Persister Cells by Antibioticâ€“Nisin Combination via Mannitol. Indian Journal of Microbiology, 2018, 58, 239-243.	2.7	12
46	Envisaging Antifungal Potential of Histatin 5: A Physiological Salivary Peptide. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	12
47	Reactivity of typhoid patients sera with stress induced 55 kDa phenotype in Salmonella enterica serovar Typhi. Molecular and Cellular Biochemistry, 2004, 267, 75-82.	3.1	11
48	Macrophage Cell Death Due to Salmonella enterica Serovar Typhi and Its Acid Stress Protein Has Features of Apoptosis. Microbiology and Immunology, 2005, 49, 323-330.	1.4	11
49	Protective potential of L. acidophilus in murine giardiasis. Open Medicine (Poland), 2010, 5, 456-463.	1.3	11
50	Efficacy of Cryptdin-2 as an Adjunct to Antibiotics from Various Generations Against Salmonella. Indian Journal of Microbiology, 2014, 54, 323-328.	2.7	11
51	Augmented antibiotic resistance associated with cadmium induced alterations in Salmonella enterica serovar Typhi. Scientific Reports, 2018, 8, 12818.	3.3	11
52	Salmonella Strain Specificity Determines Post-typhoid Central Nervous System Complications: Intervention by Lactiplantibacillus plantarum at Gut-Brain Axis. Frontiers in Microbiology, 2020, 11, 1568.	3.5	11
53	Salmonella typhi iron-regulated outer-membrane proteins cause oedema and hyperalgesia during inflammation induced in a rat model. Journal of Medical Microbiology, 2005, 54, 421-423.	1.8	10
54	Are the increases in local tumour necrosis factor and lipid peroxidation observed in pre-starved mice infected with Salmonella typhimurium markers of increased liver damage?. Microbes and Infection, 2006, 8, 1695-1701.	1.9	10

#	Article	IF	Citations
55	Revisiting eukaryotic anti-infective biotherapeutics. Critical Reviews in Microbiology, 2014, 40, 281-292.	6.1	10
56	Cocktail of carbohydrases from Aspergillus niger: an economical and eco-friendly option for biofilm clearance from biopolymer surfaces. AMB Express, 2021, 11, 22.	3.0	10
57	Role of Salmonella surface components in immunomodulation of inflammatory mediators. Molecular and Cellular Biochemistry, 2005, 270, 167-175.	3.1	9
58	Potential of 1-(1-napthylmethyl)-piperazine, an efflux pump inhibitor against cadmium-induced multidrug resistance in Salmonella enterica serovar Typhi as an adjunct to antibiotics. Brazilian Journal of Microbiology, 2021, 52, 1303-1313.	2.0	9
59	Self-preserving gelatin emulgel containing whole cell probiotic for topical use: preclinical safety, efficacy, and germination studies. Expert Opinion on Drug Delivery, 2021, 18, 1-13.	5.0	9
60	Immuno-fluorescence based Vi capsular polysaccharide detection for specific recognition of Salmonella enterica serovar Typhi in clinical samples. Analytica Chimica Acta, 2014, 841, 51-57.	5.4	8
61	Potential of 2, 2â€²-dipyridyl diselane as an adjunct to antibiotics to manage cadmium-induced antibiotic resistance in Salmonella enterica serovar Typhi Ty2 strain. Journal of Microbiology, 2017, 55, 737-744.	2.8	8
62	Prophylactic potential of cytolethal distending toxin B (CdtB) subunit of typhoid toxin against Typhoid fever. Scientific Reports, 2019, 9, 18404.	3.3	8
63	Antimicrobial Activity of Paneth Cells Derived Cryptdin-2 Against Selected Pathogens. American Journal of Biomedical Sciences, 0, , 13-22.	0.2	8
64	Current Antibiogram and Clonal Relatedness Among Drug-ResistantSalmonella entericaSerovar Typhi in Northern India. Microbial Drug Resistance, 2013, 19, 204-211.	2.0	6
65	Azadirachta indica Modulates Electrical Properties and Type of Cell Death in NDEA-Induced Hepatic Tumors. Cell Biochemistry and Biophysics, 2014, 70, 383-390.	1.8	6
66	Anodic stripping voltammetry of anti-Vi antibody functionalized CdTe quantum dots for the specific monitoring of Salmonella enterica serovar Typhi. RSC Advances, 2015, 5, 88234-88240.	3.6	6
67	Isomaltooligosaccharides utilization and genomic characterization of human infant anti-inflammatory Bifidobacterium longum and Bifidobacterium breve strains. 3 Biotech, 2022, 12, 89.	2.2	6
68	Immunobiology of Lipopolysaccharide (LPS) and LPSâ€Derived Immunoconjugates Vaccinate Mice against Salmonella typhimurium. Microbiology and Immunology, 1998, 42, 1-5.	1.4	5
69	55ÂkDa outer-membrane protein from short-chain fatty acids exposed Salmonella enterica serovar Typhi induces apoptosis in macrophages. Antonie Van Leeuwenhoek, 2006, 89, 317-323.	1.7	5
70	Immunological characterization of recombinant Salmonella enterica serovar Typhi FliC protein expressed in Escherichia coli. AMB Express, 2012, 2, 55.	3.0	5
71	Enhancing the Yield of Active Recombinant Chitobiase by Physico-Chemical and In Vitro Refolding Studies. Protein Journal, 2016, 35, 72-79.	1.6	5
72	Contribution of typhoid toxin in the pathogenesis of Salmonella Typhi. Microbial Pathogenesis, 2022, 164, 105444.	2.9	5

#	Article	IF	Citations
73	Salmonellaâ€“Macrophage Interactions upon Manganese Supplementation. Biological Trace Element Research, 2010, 133, 110-119.	3.5	4
74	Management of Staphylococcus Mediated Systemic Infection by Enhancing the Resurging Activity of Co-trimoxazole in Presence of Cryptdin-2. Indian Journal of Microbiology, 2017, 57, 438-447.	2.7	4
75	Apoptotic cell death of macrophages by iron-stressed Salmonella enterica serovar Typhimurium. World Journal of Microbiology and Biotechnology, 2004, 20, 887-893.	3.6	3
76	Augmentation of antimicrobial activity of conventional antibiotics by cell-free extract of L. plantarum. Journal of Antibiotics, 2011, 64, 795-798.	2.0	3
77	Anti-Yersinia Activity of Cryptdin-2: A Paneth Cell Peptide. The National Academy of Sciences, India, 2013, 36, 161-166.	1.3	3
78	Potential of Probiotic Lactobacillus plantarum 2621 for the Management of Infertility. British Microbiology Research Journal, 2014, 4, 1585-1596.	0.2	3
79	Bi-directional elucidation of Lactiplantibacillus plantarum (RTA 8) intervention on the pathophysiology of gut-brain axis during Salmonella brain infection. Gut Pathogens, 2022, 14, 11.	3.4	3
80	Design, characterization and structureâ€“function analysis of novel antimicrobial peptides based on the N-terminal CATH-2 fragment. Scientific Reports, 2022, 12, .	3.3	3
81	Effect of Plasmodium and Salmonella co-infection in a murine model. Open Medicine (Poland), 2009, 4, 340-347.	1.3	2
82	Genomic analysis of Indian strains of Salmonella enterica subsp. enterica serovar Typhi indicates novel genetic repertoire for pathogenicity and adaptations. Molecular Biology Reports, 2019, 46, 3967-3989.	2.3	2
83	In vitro and in silico comparative evaluation of anti-Acinetobacter baumannii peptides. Journal of Microbiology and Biotechnology, 2015, , .	2.1	2
84	A Non-conventional Wine from Stem of Syzygium cumini and Statistical Optimization of its Fermentation Conditions for Maximum Bioactive Extraction. International Journal of Food and Fermentation Technology, 2016, 6, 25.	0.1	2
85	HilA gene expression in SCFAs adapted and inorganic acid challenged Salmonella enterica serovar typhimurium. Nepal Medical College Journal, 2007, 9, 162-5.	0.1	2
86	Microbially-derived cocktail of carbohydrases as an anti-biofouling agents: a â€˜green approachâ€™. Biofouling, 2022, 38, 455-481.	2.2	2
87	Acid Induced Outer Membrane Phenotype in Salmonella typhi-a Gene Product of fliC. American Journal of Biomedical Sciences, 0, , 23-30.	0.2	1
88	Remediation of intramacrophageal type 1 by probiotic lactobacilli isolated from human infants' stool samples. Indian Journal of Medical Research, 2017, 145, 679-686.	1.0	1
89	Comparative In Vitro Antimicrobial Activity of Pantoprazole, Tetracycline and a Fixed Dose Combination in Helicobacter pylori Infection. Current Drug Therapy, 2009, 4, 106-110.	0.3	0
90	Stability of antimicrobial activity of cryptdin-2 against selected pathogens under physiological conditions. Journal of Gastrointestinal Infections, 2012, 2, 30-37.	0.2	0

#	Article	IF	Citations
91	Evaluation of Antibacterial and Anti-inflammatory Potential of Withania Somnifera (Ashwagandha) against Salmonella Enterica Serovar Typhimurium. Journal of Gastrointestinal Infections, 2014, 4, 23-32.	0.2	0
92	Evaluation of Antibacterial and Anti-inflammatory Potential of Withania Somnifera (Ashwagandha) against Salmonella Enterica Serovar Typhimurium. Journal of Gastrointestinal Infections, 2014, 4, 23-32.	0.2	0
93	Inhibition of endotoxin-induced hepatotoxicity by melatonin in rats. International Journal of Biomedical Science, 2008, 4, 103-12.	0.1	0