

Indranil Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

1,556
citations

279487

23
h-index

360668

35
g-index

137
all docs

137
docs citations

137
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding osteomyelitis and its treatment through local drug delivery system. <i>Biotechnology Advances</i> , 2016, 34, 1305-1317.	6.0	116
2	Different essential oils in diets of broiler chickens: 2. Gut microbes and morphology, immune response, and some blood profile and antioxidant enzymes. <i>Animal Feed Science and Technology</i> , 2018, 236, 39-47.	1.1	100
3	Molecular and phylogenetic characterization of multidrug resistant extended spectrum beta-lactamase producing <i>Escherichia coli</i> isolated from poultry and cattle in Odisha, India. <i>Infection, Genetics and Evolution</i> , 2015, 29, 82-90.	1.0	81
4	First Report on Vancomycin-Resistant <i>Staphylococcus aureus</i> in Bovine and Caprine Milk. <i>Microbial Drug Resistance</i> , 2016, 22, 675-681.	0.9	72
5	Isolation and characterization of Shiga toxin-producing <i>Escherichia coli</i> (STEC) and enteropathogenic <i>Escherichia coli</i> (EPEC) from calves and lambs with diarrhoea in India. <i>Letters in Applied Microbiology</i> , 2003, 37, 121-126.	1.0	51
6	Molecular signature of extended spectrum β -lactamase producing <i>Klebsiella pneumoniae</i> isolated from bovine milk in eastern and north-eastern India. <i>Infection, Genetics and Evolution</i> , 2016, 44, 395-402.	1.0	49
7	Effect of black cumin seeds on growth performance, nutrient utilization, immunity, gut health and nitrogen excretion in broiler chickens. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3742-3751.	1.7	46
8	Investigation of shiga toxin-producing <i>Escherichia coli</i> in avian species in India. <i>Letters in Applied Microbiology</i> , 2004, 39, 389-394.	1.0	45
9	Assessment of yeast cell wall as replacements for antibiotic growth promoters in broiler diets: effects on performance, intestinal histomorphology and humoral immune responses. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 275-284.	1.0	45
10	Potential antibacterial activity of berberine against multi drug resistant enterovirulent <i>Escherichia coli</i> isolated from yaks (<i>Poephagus grunniens</i>) with haemorrhagic diarrhoea. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 315-319.	0.4	45
11	Characterization of shiga toxin producing (STEC) and enteropathogenic <i>Escherichia coli</i> (EPEC) in raw yak (<i>Poephagus grunniens</i>) milk and milk products. <i>Research in Veterinary Science</i> , 2012, 93, 604-610.	0.9	43
12	Co-infection of methicillin-resistant <i>Staphylococcus epidermidis</i> , methicillin-resistant <i>Staphylococcus aureus</i> and extended spectrum β -lactamase producing <i>Escherichia coli</i> in bovine mastitis – three cases reported from India. <i>Veterinary Quarterly</i> , 2015, 35, 56-61.	3.0	35
13	Detection of emerging antibiotic resistance in bacteria isolated from subclinical mastitis in cattle in West Bengal. <i>Veterinary World</i> , 2017, 10, 517-520.	0.7	34
14	Approaches to characterize extended spectrum beta-lactamase/beta-lactamase producing <i>Escherichia coli</i> in healthy organized vis-a-vis backyard farmed pigs in India. <i>Infection, Genetics and Evolution</i> , 2015, 36, 224-230.	1.0	33
15	Virulence Repertoire, Characterization, and Antibiotic Resistance Pattern Analysis of <i>Escherichia coli</i> Isolated from Backyard Layers and Their Environment in India. <i>Avian Diseases</i> , 2014, 58, 39-45.	0.4	32
16	Effects of dietary supplementation of cinnamaldehyde and formic acid on growth performance, intestinal microbiota and immune response in broiler chickens. <i>Animal Production Science</i> , 2017, 57, 821.	0.6	32
17	Virulence repertoire of Shiga toxin-producing <i>Escherichia coli</i> (STEC) and enterotoxigenic <i>Escherichia coli</i> (ETEC) from diarrhoeic lambs of Arunachal Pradesh, India. <i>Tropical Animal Health and Production</i> , 2011, 43, 705-710.	0.5	30
18	Prevalence and antibiotic resistance profiles of <i>Salmonella</i> serotypes isolated from backyard poultry flocks in West Bengal, India. <i>Journal of Applied Poultry Research</i> , 2014, 23, 536-545.	0.6	30

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19	Detection and characterization of pathogenic <i>Pseudomonas aeruginosa</i> from bovine subclinical mastitis in West Bengal, India. <i>Veterinary World</i> , 2017, 10, 738-742.	0.7	30
20	Current understanding of the aetiology and laboratory diagnosis of footrot. <i>Veterinary Journal</i> , 2006, 171, 421-428.	0.6	28
21	Influence of silver nanoparticles on post-surgical wound healing following topical application. <i>European Journal of Nanomedicine</i> , 2014, 6, .	0.6	27
22	Shiga toxin-producing <i>Escherichia coli</i> and enteropathogenic <i>Escherichia coli</i> in healthy goats in India: occurrence and virulence properties. <i>Journal of Applied Microbiology</i> , 2006, 100, 108-113.	1.4	25
23	Antimicrobial Resistance in Agri-Food Chain and Companion Animals as a Re-emerging Menace in Post-COVID Epoch: Low-and Middle-Income Countries Perspective and Mitigation Strategies. <i>Frontiers in Veterinary Science</i> , 2020, 7, 620.	0.9	25
24	Isolation, molecular characterization and antibiotic resistance of Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) from buffalo in India. <i>Letters in Applied Microbiology</i> , 2013, 56, 291-298.	1.0	24
25	ESBL-producing Shiga-toxigenic <i>E. coli</i> (STEC) associated with piglet diarrhoea in India. <i>Tropical Animal Health and Production</i> , 2015, 47, 377-381.	0.5	24
26	Detection, characterization, and antibiogram of extended-spectrum beta-lactamase <i>Escherichia coli</i> isolated from bovine milk samples in West Bengal, India. <i>Veterinary World</i> , 2018, 11, 1423-1247.	0.7	24
27	Extended-Spectrum-β-Lactamase-Producing <i>Escherichia coli</i> Isolate Possessing the Shiga Toxin Gene () Tj ETQq1 1 0.784314 rgBT /Over <i>Journal of Clinical Microbiology</i> , 2013, 51, 2008-2009.	1.8	21
28	Genomic Identity of Fluoroquinolone-Resistant blaCTX-M-15-Type ESBL and pAmpC β-Lactamase Producing <i>Klebsiella pneumoniae</i> from Buffalo Milk, India. <i>Microbial Drug Resistance</i> , 2018, 24, 1345-1353.	0.9	19
29	Pig farm environment as a source of beta-lactamase or AmpC-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> . <i>Annals of Microbiology</i> , 2018, 68, 781-791.	1.1	19
30	Characterization of <i>Salmonella Gallinarum</i> isolates from backyard poultry by polymerase chain reaction detection of invasion (<i>invA</i>) and <i>Salmonella</i> plasmid virulence (<i>spvC</i>) genes. <i>Veterinary World</i> , 2017, 10, 814-817.	0.7	17
31	Epidemiology of diarrhoea caused by rotavirus and <i>Escherichia coli</i> in lambs in Kashmir valley, India. <i>Small Ruminant Research</i> , 2004, 52, 145-153.	0.6	16
32	Isolation and characterization of <i>Dichelobacter nodosus</i> from ovine and caprine footrot in Kashmir, India. <i>Research in Veterinary Science</i> , 2007, 83, 141-144.	0.9	15
33	Biosecurity Strategies for Backyard Poultry: A Controlled Way for Safe Food Production. , 2018, , 481-517.		15
34	Prevalence of CTX-M-Producing <i>Klebsiella</i> spp. in Broiler, Kuroiler, and Indigenous Poultry in West Bengal State, India. <i>Microbial Drug Resistance</i> , 2018, 24, 299-306.	0.9	14
35	Characterization of beta-lactamase and biofilm producing <i>Enterobacteriaceae</i> isolated from organized and backyard farm ducks. <i>Letters in Applied Microbiology</i> , 2019, 69, 110-115.	1.0	14
36	Role of backyard poultry in South-East Asian countries: post COVID-19 perspective. <i>World's Poultry Science Journal</i> , 2021, 77, 415-426.	1.4	13

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37	Detection of dermatophytes in healthy companion dogs and cats in eastern India. Iranian Journal of Veterinary Research, 2016, 17, 20-4.	0.4	13
38	Molecular detection and characterization of <i>Dichelobacter nodosus</i> in ovine footrot in India. Molecular and Cellular Probes, 2004, 18, 289-291.	0.9	12
39	Molecular epidemiology of ovine herpesvirus type 2 infection in Kashmir, India. Veterinary Record, 2006, 159, 587-590.	0.2	12
40	Extended spectrum beta-lactamase producing Shiga toxin producing <i>Escherichia coli</i> in piglets, humans and water sources in North East region of India. Letters in Applied Microbiology, 2019, 69, 373-378.	1.0	12
41	Serological evidence of antibodies against <i>Chlamydia abortus</i> in free-ranging yak (<i>Poephagus</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	0.5	11
42	Seroprevalence of bluetongue in ruminants of Jharkhand. Veterinary World, 2015, 8, 346-349.	0.7	10
43	Prevalence of Ocular Disorders in an Indian Population of Horses. Journal of Equine Veterinary Science, 2010, 30, 326-329.	0.4	9
44	Multi-drug resistant, biofilm-producing high-risk clonal lineage of <i>Klebsiella</i> in companion and household animals. Letters in Applied Microbiology, 2020, 71, 580-587.	1.0	9
45	Clinical, serological and molecular evidence of sheep-associated malignant catarrhal fever in India. Veterinary Record, 2004, 155, 242-244.	0.2	8
46	Disposition of ceftriaxone in hepatopathic goats following single-intramuscular dosing. European Journal of Drug Metabolism and Pharmacokinetics, 2013, 38, 269-273.	0.6	8
47	Characterization of methicillin-resistant and enterotoxins producing <i>Staphylococcus aureus</i> in bovine milk in India. Journal of Agriculture and Food Research, 2020, 2, 100017.	1.2	8
48	Multidrug-Resistant Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Pathotypes in North Eastern Region of India: Backyard Small Ruminants-Human-Water Interface. Microbial Drug Resistance, 2021, 27, 1664-1671.	0.9	8
49	Effect of Zinc Supplementation With or Without Phytase on Performance, Mineral Accumulation in Tissues and Immune Response of Broiler. Animal Nutrition and Feed Technology, 2014, 14, 311.	0.1	8
50	Companion Animals Emerged as an Important Reservoir of Carbapenem-Resistant Enterobacteriaceae: A Report from India. Current Microbiology, 2021, 78, 1006-1016.	1.0	7
51	Characterization of Multidrug-Resistant Biofilm-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in Healthy Cattle and Cattle with Diarrhea. Microbial Drug Resistance, 2021, 27, 1457-1469.	0.9	7
52	Evaluation of egg production after adoption of biosecurity strategies by backyard poultry farmers in West Bengal. Veterinary World, 2015, 8, 177-182.	0.7	7
53	Higher prevalence of multidrug-resistant extended-spectrum β -lactamases producing <i>Escherichia coli</i> in unorganized pig farms compared to organized pig farms in Mizoram, India. Veterinary World, 2020, 13, 2752-2758.	0.7	7
54	Comparative possession of Shiga toxin, intimin, enterohaemolysin and major extended spectrum beta lactamase (ESBL) genes in <i>Escherichia coli</i> isolated from backyard and farmed poultry. Iranian Journal of Veterinary Research, 2015, 16, 90-3.	0.4	7

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55	Potential of a polyherbal drug to prevent antimicrobial resistance in bacteria to antibiotics. Scientific Reports, 2018, 8, 10899.	1.6	6
56	Antimicrobial resistance. , 2020, , 365-372.		6
57	Seroepidemiology of bluetongue in South Bengal. Veterinary World, 2016, 9, 1-5.	0.7	6
58	Comparative occurrence of ESBL/AmpC beta-lactamase-producing <i>Escherichia coli</i> and <i>Salmonella</i> in contract farm and backyard broilers. Letters in Applied Microbiology, 2022, 74, 53-62.	1.0	6
59	Molecular characterization and antibiotic susceptibility pattern of caprine Shiga toxin producing- <i>Escherichia coli</i> (STEC) isolates from India. Iranian Journal of Veterinary Research, 2015, 16, 31-5.	0.4	6
60	“œ If It Works in People, Why Not Animals?” A Qualitative Investigation of Antibiotic Use in Smallholder Livestock Settings in Rural West Bengal, India. Antibiotics, 2021, 10, 1433.	1.5	6
61	Efficacy evaluation of <i>Bauhinia variegata</i> L. stem bark powder as adjunct therapy in chronic <i>Staphylococcus aureus</i> mastitis in goat. Pharmacognosy Magazine, 2014, 10, 512.	0.3	5
62	<i>Escherichia coli</i> O16 associated with an outbreak of calf diarrhoea. Veterinary Record, 2004, 154, 506-506.	0.2	4
63	Detection of T- and B-cell Target Antigens of Fowlpox Virus Isolated from Backyard Chickens in India. Avian Diseases, 2015, 59, 249-254.	0.4	4
64	Effects of herbal extract of <i>Ocimum sanctum</i> as supportive therapy with intravenous ceftriaxone in experimentally induced staphylococcal chronic mastitis in goat. Small Ruminant Research, 2016, 137, 1-8.	0.6	4
65	<i>Staphylococcus</i> . , 2020, , 195-215.		4
66	Efficacy evaluation of ethanolic extract of <i>Tamarindus indica</i> L. leaves as possible alternate therapy in septic arthritis model of rabbit. BMC Complementary and Alternative Medicine, 2019, 19, 261.	3.7	3
67	Disposition of ceftizoxime in Staphylococcal mastitis in Indian crossbred cows. Veterinary Journal, 2019, 245, 12-14.	0.6	3
68	Pharmacokinetics and Efficacy of Ceftriaxone in Staphylococcal Mastitis in Crossbred Cows Following Single Intravenous Administration. Current Drug Metabolism, 2021, 22, 383-390.	0.7	3
69	Protective effect of aqueous and ethanolic extracts of <i>Tamarindus indica</i> L. leaf on oxidative stress induced by sodium fluoride in different tissues of rat. Annals of Phytomedicine an International Journal, 2017, VI, 136-142.	0.0	3
70	Effects of propylene glycol and magnesium chloride against dermatophytes isolated from companion animals. Indian Journal of Animal Health, 2018, 57, 213.	0.2	3
71	Effect of essential oil blend on intestinal morphology, gut microbiota and immune response of broiler chickens. Indian Journal of Animal Health, 2020, 59, 228-236.	0.2	3
72	Elucidating the resistance repertoire, biofilm production, and phylogenetic characteristics of multidrug-resistant <i>Escherichia coli</i> isolated from community ponds: A study from West Bengal, India. Water Environment Research, 2022, 94, e1678.	1.3	3

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73	Clostridium. , 2020, , 253-262.		2
74	Resistance to aminoglycoside, tetracycline and macrolides. , 2020, , 81-95.		2
75	Klebsiella. , 2020, , 153-169.		2
76	Dietary administered purified β -glucan of edible mushroom (<i>Pleurotus florida</i>) provides immunostimulation and protection in broiler experimentally challenged with virulent Newcastle disease virus. <i>Journal of Basic and Applied Zoology</i> , 2020, 81, .	0.4	2
77	Occurrence of extended-spectrum cephalosporinase producing <i>Escherichia coli</i> in kuroiler birds. <i>Veterinarski Arhiv</i> , 2017, 87, 745-757.	0.1	2
78	<i>Escherichia coli</i> O4:NM associated with an outbreak of calf diarrhoea. <i>Veterinary Journal</i> , 2005, 169, 300-302.	0.6	1
79	Evaluation of Fibrolytic Effect of <i>Bauhinia purpurea</i> L.. <i>Clinical Cancer Drugs</i> , 2019, 6, 21-32.	0.3	1
80	Use of antimicrobials and antibiotics in livestock, poultry, fishery and agriculture. , 2020, , 7-18.		1
81	The emergence of antimicrobial-resistant bacteria in livestock, poultry and agriculture. , 2020, , 19-27.		1
82	<i>Streptococcus</i> . , 2020, , 217-232.		1
83	Concurrent Occurrence of Fatty Liver Haemorrhagic Syndrome (FLHS) and Colisepticaemia in a Broiler Breeder Flock. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 185-189.	0.0	1
84	Molecular detection of biofilm, virulence and antimicrobial resistance associated genes of <i>Salmonella</i> serovars isolated from pig and chicken of Mizoram, India. <i>Indian Journal of Animal Research</i> , 2019, , .	0.0	1
85	Antimicrobial stewardship in veterinary medicine: In need of urgent implementation. <i>Indian Journal of Animal Health</i> , 2019, 58, 33.	0.2	1
86	Isolation, identification and molecular characterization of multidrug resistant <i>Escherichia coli</i> recovered from pigs of Arunachal Pradesh, India. <i>Indian Journal of Animal Health</i> , 2019, 58, 153.	0.2	1
87	Molecular Characterization of Biofilm-Producing <i>Pseudomonas aeruginosa</i> Isolated from Healthy Pigs and Chicken in India. <i>Indian Journal of Animal Research</i> , 2020, , .	0.0	1
88	Prevalence and Characterization of Extended Spectrum Beta Lactamase Producing <i>Escherichia coli</i> from Broilers. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 594-602.	0.0	1
89	Diagnostic Techniques. , 2017, , 263-277.		0
90	Cross-resistance between biocides and antimicrobials. , 2020, , 327-333.		0

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91	Antimicrobial stewardship. , 2020, , 335-341.		0
92	Candida. , 2020, , 313-322.		0
93	Alternative antiinfective therapy. , 2020, , 343-355.		0
94	History of antimicrobial resistance. , 2020, , 1-5.		0
95	Emergence of antimicrobial resistant bacteria in aquaculture. , 2020, , 29-38.		0
96	Emergence of antimicrobial-resistant bacteria in environment. , 2020, , 39-45.		0
97	β-Lactamase. , 2020, , 47-57.		0
98	Carbapenem resistance. , 2020, , 59-69.		0
99	Resistance to fluoroquinolones. , 2020, , 71-80.		0
100	Colistin resistance. , 2020, , 97-105.		0
101	Antifungal resistance. , 2020, , 107-119.		0
102	Biofilm formation and persister cells. , 2020, , 121-133.		0
103	Characteristics of antimicrobial resistance among microorganisms of concern to animal, fish and human health. , 2020, , 135-151.		0
104	Escherichia coli. , 2020, , 171-193.		0
105	Actinobacillus. , 2020, , 233-239.		0
106	Campylobacter. , 2020, , 241-251.		0
107	Pasteurella and Mannheimia. , 2020, , 263-273.		0
108	Vibrio. , 2020, , 275-284.		0

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109	<i>Pseudomonas</i> . , 2020, , 285-291.		0
110	<i>Aeromonas</i> . , 2020, , 293-298.		0
111	<i>Mycobacterium</i> . , 2020, , 299-311.		0
112	Transferable blaCTX-M Carrying Multidrug Resistant <i>Escherichia coli</i> from Pig Population of North Eastern Region of India. <i>Indian Journal of Animal Research</i> , 2021, , .	0.0	0
113	Native Breed of Chicken Entertains Different B cell Target Antigens than Popular Breeds for Protection against Pathogenic <i>E. coli</i> . <i>Advances in Animal and Veterinary Sciences</i> , 2016, 4, 311-314.	0.1	0
114	Prevalence of antibodies against persistent production-limiting infections in ruminants in India. <i>Applied Biological Research</i> , 2017, 19, 226.	0.1	0
115	Detection of methicillin resistance and antimicrobial sensitivity of <i>Staphylococcus Aureus</i> from domestic animals. <i>Indian Journal of Comparative Microbiology Immunology and Infectious Diseases</i> , 2017, 38, 130.	0.0	0
116	Mice pathology study of <i>toxA</i> and <i>exoS</i> genes bearing <i>Pseudomonas aeruginosa</i> isolated from bovine Sub-clinical mastitis in West Bengal with their Antibiogram. <i>Indian Journal of Animal Research</i> , 0, , .	0.0	0
117	Lymphocystis infection in an uncommon host: Goldfish (<i>Carassius auratus</i> , Linn.). <i>Indian Journal of Comparative Microbiology Immunology and Infectious Diseases</i> , 2018, 39, 45.	0.0	0
118	Antifungal resistance in <i>cnlac1</i> possessing <i>Cryptococcus neoformans</i> isolated from domestic and feral pigeons in West Bengal, India. <i>Indian Journal of Animal Research</i> , 2019, , .	0.0	0
119	Prevention strategy for antimicrobial resistance development in bacteria through milk and conservation of antibiotic sensitivity. <i>Indian Journal of Animal Health</i> , 2019, 58, 137.	0.2	0
120	Studies on some phytoextracts for their antifungal activities against <i>Microsporum canis</i> . <i>Indian Journal of Animal Health</i> , 2020, 59, 45.	0.2	0
121	COVID-19: Panic vis-a-vis pandemic. <i>Indian Journal of Animal Health</i> , 2020, 59, 1.	0.2	0
122	Antimicrobial resistance: A global menace: One health approach. <i>Indian Journal of Animal Health</i> , 2020, 59, 33.	0.2	0
123	Milk from healthy or infected cattle as a source of multi-drug resistant, AmpC β -lactamase-producing <i>Escherichia coli</i> . <i>Indian Journal of Dairy Science</i> , 2020, 73, 343-347.	0.2	0
124	Monitoring of liver markers in poultry during post inoculation of extended spectrum β lactamases producing <i>Escherichia coli</i> and after treatment by ceftriaxone-tazobactam combination. <i>Indian Journal of Animal Health</i> , 2020, 59, 237-242.	0.2	0
125	Detection and Characterization of Multi Drug-resistant Extended-spectrum and pAmpC Beta-lactamases Producing <i>Escherichia coli</i> from Chicken Meatin West Bengal, India. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 80-89.	0.0	0
126	Prevalence of Extended-spectrum and AmpC Beta-lactamases Producing STEC in Bovine Diarrhoea Cases in West Bengal, India. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 100-110.	0.0	0

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127	Comparative pharmacokinetics of ceftriaxone and tazobactam (8:1) between healthy and Escherichia coli induced diarrhoeic birds. ADMET and DMPK, 0, , .	1.1	0