

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	Comparative occurrence of ESBL/AmpC beta-lactamase-producing <i>Escherichia coli</i> and <i>Salmonella</i> in contract farm and backyard broilers. <i>Letters in Applied Microbiology</i> , 2022, 74, 53-62.	1.0	6
2	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. <i>Water Environment Research</i> , 2022, 94, e1678.	1.3	3
3	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
4	Companion Animals Emerged as an Important Reservoir of Carbapenem-Resistant Enterobacteriaceae: A Report from India. <i>Current Microbiology</i> , 2021, 78, 1006-1016.	1.0	7
5	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
6	Characterization of Multidrug-Resistant Biofilm-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in Healthy Cattle and Cattle with Diarrhea. <i>Microbial Drug Resistance</i> , 2021, 27, 1457-1469.	0.9	7
7	Multidrug-Resistant Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Pathotypes in North Eastern Region of India: Backyard Small Ruminants-Human-Water Interface. <i>Microbial Drug Resistance</i> , 2021, 27, 1664-1671.	0.9	8
8	Pharmacokinetics and Efficacy of Ceftriaxone in Staphylococcal Mastitis in Crossbred Cows Following Single Intravenous Administration. <i>Current Drug Metabolism</i> , 2021, 22, 383-390.	0.7	3
9	Does It Work in People, Why Not Animals? A Qualitative Investigation of Antibiotic Use in Smallholder Livestock Settings in Rural West Bengal, India. <i>Antibiotics</i> , 2021, 10, 1433.	1.5	6
10	<i>Clostridium</i> . , 2020, , 253-262.		2
11	Cross-resistance between biocides and antimicrobials. , 2020, , 327-333.		0
12	Antimicrobial stewardship. , 2020, , 335-341.		0
13	Antimicrobial resistance. , 2020, , 365-372.		6
14	<i>Candida</i> . , 2020, , 313-322.		0
15	Characterization of methicillin-resistant and enterotoxins producing <i>Staphylococcus aureus</i> in bovine milk in India. <i>Journal of Agriculture and Food Research</i> , 2020, 2, 100017.	1.2	8
16	Alternative anti-infective therapy. , 2020, , 343-355.		0
17	History of antimicrobial resistance. , 2020, , 1-5.		0
18	Use of antimicrobials and antibiotics in livestock, poultry, fishery and agriculture. , 2020, , 7-18.		1

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19	The emergence of antimicrobial-resistant bacteria in livestock, poultry and agriculture. , 2020, , 19-27.		1
20	Emergence of antimicrobial resistant bacteria in aquaculture. , 2020, , 29-38.		0
21	Emergence of antimicrobial-resistant bacteria in environment. , 2020, , 39-45.		0
22	β-Lactamase. , 2020, , 47-57.		0
23	Carbapenem resistance. , 2020, , 59-69.		0
24	Resistance to fluoroquinolones. , 2020, , 71-80.		0
25	Resistance to aminoglycoside, tetracycline and macrolides. , 2020, , 81-95.		2
26	Colistin resistance. , 2020, , 97-105.		0
27	Antifungal resistance. , 2020, , 107-119.		0
28	Biofilm formation and persister cells. , 2020, , 121-133.		0
29	Characteristics of antimicrobial resistance among microorganisms of concern to animal, fish and human health. , 2020, , 135-151.		0
30	Klebsiella. , 2020, , 153-169.		2
31	Escherichia coli. , 2020, , 171-193.		0
32	Staphylococcus. , 2020, , 195-215.		4
33	Streptococcus. , 2020, , 217-232.		1
34	Actinobacillus. , 2020, , 233-239.		0
35	Campylobacter. , 2020, , 241-251.		0
36	Pasteurella and Mannheimia. , 2020, , 263-273.		0

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37	Vibrio. , 2020, , 275-284.		0
38	Pseudomonas. , 2020, , 285-291.		0
39	Aeromonas. , 2020, , 293-298.		0
40	Mycobacterium. , 2020, , 299-311.		0
41	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
42	Multi-drug resistant, biofilm-producing high-risk clonal lineage of <i>Klebsiella</i> in companion and household animals. <i>Letters in Applied Microbiology</i> , 2020, 71, 580-587.	1.0	9
43	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
44	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. <i>Veterinary World</i> , 2020, 13, 2752-2758.	0.7	7
45	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
46	Studies on some phytoextracts for their antifungal activities against <i>Microsporium canis</i> . <i>Indian Journal of Animal Health</i> , 2020, 59, 45.	0.2	0
47	COVID-19: Panic vis-a-vis pandemic. <i>Indian Journal of Animal Health</i> , 2020, 59, 1.	0.2	0
48	Antimicrobial resistance: A global menace: One health approach. <i>Indian Journal of Animal Health</i> , 2020, 59, 33.	0.2	0
49	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
50	Effect of essential oil blend on intestinal morphology, gut microbiota and immune response of broiler chickens. <i>Indian Journal of Animal Health</i> , 2020, 59, 228-236.	0.2	3
51	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
52	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
53	Detection and Characterization of Multi Drug-resistant Extended-spectrum and pAmpC Beta-lactamases Producing <i>Escherichia coli</i> from Chicken Meat in West Bengal, India. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 80-89.	0.0	0
54	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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55	Evaluation of Fibrolytic Effect of <i>Bauhinia purpurea</i> L.. <i>Clinical Cancer Drugs</i> , 2019, 6, 21-32.	0.3	1
56	Extended spectrum beta-lactamase producing Shiga-toxin producing <i>Escherichia coli</i> in piglets, humans and water sources in North East region of India. <i>Letters in Applied Microbiology</i> , 2019, 69, 373-378.	1.0	12
57	Efficacy evaluation of ethanolic extract of <i>Tamarindus indica</i> L. leaves as possible alternate therapy in septic arthritis model of rabbit. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 261.	3.7	3
58	Disposition of ceftizoxime in Staphylococcal mastitis in Indian crossbred cows. <i>Veterinary Journal</i> , 2019, 245, 12-14.	0.6	3
59	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
60	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
61	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
62	Antimicrobial stewardship in veterinary medicine: In need of urgent implementation. <i>Indian Journal of Animal Health</i> , 2019, 58, 33.	0.2	1
63	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
64	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
65	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
66	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
67	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
68	Biosecurity Strategies for Backyard Poultry: A Controlled Way for Safe Food Production. , 2018, , 481-517.		15
69	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
70	Potential of a polyherbal drug to prevent antimicrobial resistance in bacteria to antibiotics. <i>Scientific Reports</i> , 2018, 8, 10899.	1.6	6
71	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
72	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

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73	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
74	Effects of propylene glycol and magnesium chloride against dermatophytes isolated from companion animals. <i>Indian Journal of Animal Health</i> , 2018, 57, 213.	0.2	3
75	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
76	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
77	Diagnostic Techniques. , 2017, , 263-277.		0
78	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
79	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
80	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
81	Protective effect of aqueous and ethanolic extracts of <i>Tamarindusindica</i> L. leaf on oxidative stress induced by sodium fluoride in different tissues of rat. <i>Annals of Phytomedicine an International Journal</i> , 2017, VI, 136-142.	0.0	3
82	Occurrence of extended-spectrum cephalosporinase producing <i>Escherichia coli</i> in kuroiler birds. <i>Veterinarski Arhiv</i> , 2017, 87, 745-757.	0.1	2
83	Prevalence of antibodies against persistent production-limiting infections in ruminants in India. <i>Applied Biological Research</i> , 2017, 19, 226.	0.1	0
84	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
85	Effects of herbal extract of <i>Ocimum sanctum</i> as supportive therapy with intravenous ceftriaxone in experimentally induced staphylococcal chronic mastitis in goat. <i>Small Ruminant Research</i> , 2016, 137, 1-8.	0.6	4
86	Understanding osteomyelitis and its treatment through local drug delivery system. <i>Biotechnology Advances</i> , 2016, 34, 1305-1317.	6.0	116
87	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
88	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
89	Seroepidemiology of bluetongue in South Bengal. <i>Veterinary World</i> , 2016, 9, 1-5.	0.7	6
90	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

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91	Detection of dermatophytes in healthy companion dogs and cats in eastern India. Iranian Journal of Veterinary Research, 2016, 17, 20-4.	0.4	13
92	ESBL-producing Shiga-toxigenic E. coli (STEC) associated with piglet diarrhoea in India. Tropical Animal Health and Production, 2015, 47, 377-381.	0.5	24
93	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
94	Approaches to characterize extended spectrum beta-lactamase/beta-lactamase producing Escherichia coli in healthy organized vis-a-vis backyard farmed pigs in India. Infection, Genetics and Evolution, 2015, 36, 224-230.	1.0	33
95	Co-infection of methicillin-resistant <i>Staphylococcus epidermidis</i> , methicillin-resistant <i>Staphylococcus aureus</i> and extended spectrum beta-lactamase producing <i>Escherichia coli</i> in bovine mastitis – three cases reported from India. Veterinary Quarterly, 2015, 35, 56-61.	3.0	35
96	Molecular and phylogenetic characterization of multidrug resistant extended spectrum beta-lactamase producing Escherichia coli isolated from poultry and cattle in Odisha, India. Infection, Genetics and Evolution, 2015, 29, 82-90.	1.0	81
97	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
98	Seroprevalence of bluetongue in ruminants of Jharkhand. Veterinary World, 2015, 8, 346-349.	0.7	10
99	Molecular characterization and antibiotic susceptibility pattern of caprine Shiga toxin producing-Escherichia coli (STEC) isolates from India. Iranian Journal of Veterinary Research, 2015, 16, 31-5.	0.4	6
100	Comparative possession of Shiga toxin, intimin, enterohaemolysin and major extended spectrum beta lactamase (ESBL) genes in Escherichia coli isolated from backyard and farmed poultry. Iranian Journal of Veterinary Research, 2015, 16, 90-3.	0.4	7
101	Efficacy evaluation of Bauhinia variegata L. stem bark powder as adjunct therapy in chronic Staphylococcus aureus mastitis in goat. Pharmacognosy Magazine, 2014, 10, 512.	0.3	5
102	Prevalence and antibiotic resistance profiles of Salmonella serotypes isolated from backyard poultry flocks in West Bengal, India. Journal of Applied Poultry Research, 2014, 23, 536-545.	0.6	30
103	Virulence Repertoire, Characterization, and Antibiotic Resistance Pattern Analysis of Escherichia coli Isolated from Backyard Layers and Their Environment in India. Avian Diseases, 2014, 58, 39-45.	0.4	32
104	Influence of silver nanoparticles on post-surgical wound healing following topical application. European Journal of Nanomedicine, 2014, 6, .	0.6	27
105	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
106	Disposition of ceftriaxone in hepatopathic goats following single-intramuscular dosing. European Journal of Drug Metabolism and Pharmacokinetics, 2013, 38, 269-273.	0.6	8
107	Potential antibacterial activity of berberine against multi drug resistant enterovirulent Escherichia coli isolated from yaks (Poephagus grunniens) with haemorrhagic diarrhoea. Asian Pacific Journal of Tropical Medicine, 2013, 6, 315-319.	0.4	45
108	Isolation, molecular characterization and antibiotic resistance of Shiga Toxin-Producing Escherichia coli (STEC) from buffalo in India. Letters in Applied Microbiology, 2013, 56, 291-298.	1.0	24

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109	Extended-Spectrum-β-Lactamase-Producing <i>Escherichia coli</i> Isolate Possessing the Shiga Toxin Gene (<i>stx2</i>) Tj ETQq1 1 Journal of Clinical Microbiology, 2013, 51, 2008-2009.	0.784314 1.8	21
110	Characterization of shiga toxin producing (STEC) and enteropathogenic <i>Escherichia coli</i> (EPEC) in raw yak (<i>Capra hircus</i>) milk and milk products. Research in Veterinary Science, 2012, 93, 604-610.	0.9	43
111	Assessment of yeast cell wall as replacements for antibiotic growth promoters in broiler diets: effects on performance, intestinal histomorphology and humoral immune responses. Journal of Animal Physiology and Animal Nutrition, 2012, 96, 275-284.	1.0	45
112	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. Tropical Animal Health and Production, 2011, 43, 705-710.	0.5	30
113	Prevalence of Ocular Disorders in an Indian Population of Horses. Journal of Equine Veterinary Science, 2010, 30, 326-329.	0.4	9
114	Serological evidence of antibodies against <i>Chlamydia abortus</i> in free-ranging yak (<i>Capra hircus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	11
115	Isolation and characterization of <i>Dichelobacter nodosus</i> from ovine and caprine footrot in Kashmir, India. Research in Veterinary Science, 2007, 83, 141-144.	0.9	15
116	Shiga toxin-producing <i>Escherichia coli</i> and enteropathogenic <i>Escherichia coli</i> in healthy goats in India: occurrence and virulence properties. Journal of Applied Microbiology, 2006, 100, 108-113.	1.4	25
117	Current understanding of the aetiology and laboratory diagnosis of footrot. Veterinary Journal, 2006, 171, 421-428.	0.6	28
118	Molecular epidemiology of ovine herpesvirus type 2 infection in Kashmir, India. Veterinary Record, 2006, 159, 587-590.	0.2	12
119	<i>Escherichia coli</i> O4:NM associated with an outbreak of calf diarrhoea. Veterinary Journal, 2005, 169, 300-302.	0.6	1
120	<i>Escherichia coli</i> O16 associated with an outbreak of calf diarrhoea. Veterinary Record, 2004, 154, 506-506.	0.2	4
121	Clinical, serological and molecular evidence of sheep-associated malignant catarrhal fever in India. Veterinary Record, 2004, 155, 242-244.	0.2	8
122	Investigation of shiga toxin-producing <i>Escherichia coli</i> in avian species in India. Letters in Applied Microbiology, 2004, 39, 389-394.	1.0	45
123	Epidemiology of diarrhoea caused by rotavirus and <i>Escherichia coli</i> in lambs in Kashmir valley, India. Small Ruminant Research, 2004, 52, 145-153.	0.6	16
124	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
125	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. Letters in Applied Microbiology, 2003, 37, 121-126.	1.0	51
126	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. Indian Journal of Animal Research, 0, , .	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