

Samiran Bandyopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,127
citations

279487

23
h-index

253896

43
g-index

93
all docs

93
docs citations

93
times ranked

2724
citing authors

#	ARTICLE	IF	CITATIONS
1	Camptothecin induced mitochondrial dysfunction leading to programmed cell death in unicellular hemoflagellate <i>Leishmania donovani</i> . <i>Cell Death and Differentiation</i> , 2004, 11, 924-936.	5.0	219
2	Artemisinin triggers induction of cell-cycle arrest and apoptosis in <i>Leishmania donovani</i> promastigotes. <i>Journal of Medical Microbiology</i> , 2007, 56, 1213-1218.	0.7	174
3	Development of a modified MTT assay for screening antimonial resistant field isolates of Indian visceral leishmaniasis. <i>Parasitology International</i> , 2005, 54, 119-122.	0.6	135
4	Understanding osteomyelitis and its treatment through local drug delivery system. <i>Biotechnology Advances</i> , 2016, 34, 1305-1317.	6.0	116
5	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
6	Edible Mushrooms as Functional Ingredients for Development of Healthier and More Sustainable Muscle Foods: A Flexitarian Approach. <i>Molecules</i> , 2021, 26, 2463.	1.7	81
7	Bovine herpesvirus-1 (BHV-1) – a re-emerging concern in livestock: a revisit to its biology, epidemiology, diagnosis, and prophylaxis. <i>Veterinary Quarterly</i> , 2013, 33, 68-81.	3.0	79
8	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
9	Drumstick (<i>Moringa oleifera</i>) Flower as an Antioxidant Dietary Fibre in Chicken Meat Nuggets. <i>Foods</i> , 2019, 8, 307.	1.9	59
10	Application of nanoemulsion-based approaches for improving the quality and safety of muscle foods: A comprehensive review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 2677-2700.	5.9	57
11	Development of a semi-automated colorimetric assay for screening anti-leishmanial agents. <i>Journal of Microbiological Methods</i> , 2006, 66, 79-86.	0.7	55
12	A review of animal health and drug use practices in India, and their possible link to antimicrobial resistance. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 103.	1.5	52
13	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
14	Nutritional aspects, flavour profile and health benefits of crab meat based novel food products and valorisation of processing waste to wealth: A review. <i>Trends in Food Science and Technology</i> , 2021, 112, 252-267.	7.8	46
15	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
16	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
17	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
18	Dragon fruit (<i>Hylocereus undatus</i>) peel as antioxidant dietary fibre on quality and lipid oxidation of chicken nuggets. <i>Journal of Food Science and Technology</i> , 2020, 57, 1449-1461.	1.4	35

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19	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
20	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
21	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
22	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
23	Antibacterial effect of silver nanoparticles and capsaicin against MDR-ESBL producing <i>Escherichia coli</i> : An in vitro study. <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 807-810.	0.5	27
24	A qualitative study on antibiotic use and animal health management in smallholder dairy farms of four regions of India. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1792033.	0.5	26
25	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
26	Quantitative imaging of arsenic and its species in goat following long term oral exposure. <i>Food and Chemical Toxicology</i> , 2012, 50, 1946-1950.	1.8	22
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	Influence of short-term <i>Leucaena leucocephala</i> feeding on milk yield and its composition, thyroid hormones, enzyme activity, and secretion of mimosine and its metabolites in milk of cattle. <i>Journal of Agricultural Science</i> , 2007, 145, 407-414.	0.6	19
29	<i>Pleurotus florida</i> lectin normalizes duration dependent hepatic oxidative stress responses caused by arsenic in rat. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 665-671.	2.1	19
30	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
31	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
32	Antipromastigote activity of an ethanolic extract of leaves of <i>Artemisia indica</i> . <i>Indian Journal of Pharmacology</i> , 2006, 38, 64.	0.4	19
33	Inhibition of lipid and protein oxidation in raw ground pork by <i>Terminalia arjuna</i> fruit extract during refrigerated storage. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 265-273.	2.4	17
34	Seroprevalence of brucellosis in yaks (<i>Capra grunniens</i>) in India and evaluation of protective immunity to S19 vaccine. <i>Tropical Animal Health and Production</i> , 2009, 41, 587-592.	0.5	16
35	Prevalence, molecular fingerprinting and drug resistance profile of enterovirulent <i>Escherichia coli</i> isolates from free-ranging yaks of Tawang district, Arunachal Pradesh, India. <i>Tropical Animal Health and Production</i> , 2012, 44, 1063-1072.	0.5	15
36	Immunotoxic and genotoxic potential of arsenic and its chemical species in goats. <i>Toxicology International</i> , 2013, 20, 6.	0.1	14

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37	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
38	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
39	Understanding Antibiotic Usage on Small-Scale Dairy Farms in the Indian States of Assam and Haryana Using a Mixed-Methods Approach—Outcomes and Challenges. <i>Antibiotics</i> , 2021, 10, 1124.	1.5	14
40	Molecular basis for identification of species/isolates of gastrointestinal nematode parasites. <i>Asian Pacific Journal of Tropical Medicine</i> , 2011, 4, 589-593.	0.4	13
41	Assay of alterations in oxidative stress markers in pigs naturally infested with <i>Sarcoptes scabiei</i> var. <i>suis</i> . <i>Veterinary Parasitology</i> , 2014, 205, 295-299.	0.7	13
42	In vitro assessment of praziquantel and a novel nanomaterial against protoscoleces of <i>Echinococcus granulosus</i> . <i>Journal of Helminthology</i> , 2012, 86, 26-29.	0.4	11
43	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
44	Detection & characterization of Shiga toxin producing <i>Escherichia coli</i> (STEC) & enteropathogenic <i>Escherichia coli</i> (EPEC) in poultry birds with diarrhoea. <i>Indian Journal of Medical Research</i> , 2011, 133, 541-5.	0.4	10
45	Virulence gene and antibiotic resistance profile of Shiga-toxin-producing <i>Escherichia coli</i> prevalent in captive yaks (<i>Poephagus grunniens</i>). <i>Veterinary Microbiology</i> , 2009, 138, 403-404.	0.8	9
46	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
47	A serological survey of antibodies against bovine herpesvirus-1 in yak (<i>Poephagus grunniens</i>) in Arunachal Pradesh in India. <i>OIE Revue Scientifique Et Technique</i> , 2009, 28, 1045-1050.	0.5	9
48	Cytotoxicity of Senecio in macrophages is mediated via its induction of oxidative stress. <i>Research in Veterinary Science</i> , 2009, 87, 85-90.	0.9	8
49	Molecular and biochemical mining of heat-shock and 14-3-3 proteins in drug-induced protoscolices of <i>Echinococcus granulosus</i> and the detection of a candidate gene for anthelmintic resistance. <i>Journal of Helminthology</i> , 2011, 85, 196-203.	0.4	8
50	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
51	A cross-sectional study on prevalence of bovine tuberculosis in Indian and crossbred cattle in Gangetic delta region of West Bengal, India. <i>International Journal of One Health</i> , 2018, 4, 1-7.	0.6	8
52	Stress inducible heat shock protein 70: a potent molecular and toxicological signature in arsenic exposed broiler chickens. <i>Molecular Biology Reports</i> , 2010, 37, 3151-3155.	1.0	7
53	Seasonal variations in plasma glucocorticoid levels in yaks (<i>Poephagus grunniens</i> L.) (<i>Bos grunniens</i>). <i>Tropical Animal Health and Production</i> , 2010, 42, 421-424.	0.5	7
54	Companion Animals Emerged as an Important Reservoir of Carbapenem-Resistant <i>Enterobacteriaceae</i> : A Report from India. <i>Current Microbiology</i> , 2021, 78, 1006-1016.	1.0	7

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55	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
56	Polymorphism and natural selection of antigen B1 of <i>Echinococcus granulosus</i> isolated from different host assemblages in India. <i>Molecular Biology Reports</i> , 2010, 37, 1477-1482.	1.0	6
57	Relative expression of antigen B coding gene of bubaline isolates of <i>Echinococcus granulosus</i> in fertile and sterile cysts. <i>Journal of Helminthology</i> , 2010, 84, 241-244.	0.4	6
58	Antimicrobial resistance. , 2020, , 365-372.		6
59	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
60	Prevalence of paratuberculosis in organized and unorganized dairy cattle herds in West Bengal, India. <i>Veterinary World</i> , 2017, 10, 574-579.	0.7	6
61	Molecular characterization and antibiotic susceptibility pattern of caprine Shiga toxin producing- <i>Escherichia coli</i> (STEC) isolates from India. <i>Iranian Journal of Veterinary Research</i> , 2015, 16, 31-5.	0.4	6
62	Use of zinc chloride as alternative stimulant for in vitro study of nitric oxide production pathway in avian splenocyte culture. <i>Molecular Biology Reports</i> , 2010, 37, 2223-2226.	1.0	5
63	Relative expression of the 14-3-3 gene in different morphotypes of cysts of <i>Echinococcus granulosus</i> isolated from the Indian buffalo. <i>Journal of Helminthology</i> , 2010, 84, 394-397.	0.4	5
64	Molecular characterization of antigen B2 subunit in two genotypes of <i>Echinococcus granulosus</i> from Indian bubaline isolates, its stage specific expression and serological evaluation. <i>Molecular Biology Reports</i> , 2011, 38, 2067-2073.	1.0	5
65	Experimental assessment of arsenic toxicity in garole sheep in India. <i>Emerging Contaminants</i> , 2016, 2, 128-134.	2.2	5
66	Evaluation of ameliorative effect of two selected plant drugs on experimentally induced arsenic toxicity in sheep. <i>Environmental Science and Pollution Research</i> , 2020, 27, 36744-36753.	2.7	5
67	An evaluation of antigen B family of <i>Echinococcus granulosus</i> , its conformational propensity and elucidation of the epitope. <i>Journal of Helminthology</i> , 2009, 83, 219-224.	0.4	4
68	Intra-species sequence variability in 28S rRNA gene of <i>Oesophagostomum venulosum</i> isolated from goats of West Bengal, India. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010, 3, 515-518.	0.4	4
69	<i>Staphylococcus</i> . , 2020, , 195-215.		4
70	Pet bird diseases and care. , 2017, , .		4
71	Intra-species variability in ITS-1 sequences of <i>Haemonchus contortus</i> isolated from goats in West Bengal, India. <i>Journal of Helminthology</i> , 2011, 85, 204-209.	0.4	3
72	The productivity of <i>Brassica rapa</i> var. yellow sarson as influenced by integrated nutrient management practices and seed priming in Eastern Indian sub-Himalayan plains. <i>SAARC Journal of Agriculture</i> , 2014, 12, 106-116.	0.2	3

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73	Detection of bovine herpesvirus 1 sequences in yaks (<i>Bos grunniens</i>) with keratoconjunctivitis, using a highly sensitive nested polymerase chain reaction. <i>OIE Revue Scientifique Et Technique</i> , 2010, 29, 695-703.	0.5	3
74	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
75	Comparing the Effectiveness of Different Approaches to Raise Awareness About Antimicrobial Resistance in Farmers and Veterinarians of India. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	3
76	Resistance to aminoglycoside, tetracycline and macrolides. , 2020, , 81-95.		2
77	<i>Klebsiella</i> . , 2020, , 153-169.		2
78	Use of antimicrobials and antibiotics in livestock, poultry, fishery and agriculture. , 2020, , 7-18.		1
79	The emergence of antimicrobial-resistant bacteria in livestock, poultry and agriculture. , 2020, , 19-27.		1
80	Systemic Clinical and Metabolic Diseases. , 2017, , 167-252.		1
81	Epidemiological and laboratory investigation of a zoonotic anthrax outbreak in West Bengal, India. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 653-658.	0.5	1
82	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
83	Detection of canine echinococcosis by coproantigen ELISA. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010, 3, 519-522.	0.4	0
84	Alternative antiinfective therapy. , 2020, , 343-355.		0
85	β -Lactamase. , 2020, , 47-57.		0
86	Carbapenem resistance. , 2020, , 59-69.		0
87	Resistance to fluoroquinolones. , 2020, , 71-80.		0
88	Characteristics of antimicrobial resistance among microorganisms of concern to animal, fish and human health. , 2020, , 135-151.		0
89	<i>Escherichia coli</i> . , 2020, , 171-193.		0
90	Characterization of enterovirulent <i>Escherichia coli</i> isolated from yak calves died of diarrhoea in India. <i>Indian Journal of Animal Research</i> , 2015, , .	0.0	0

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91	Variability of the antigen-coding gene of in animal and human origin: implications for vaccine development. Journal of Genetics, 2019, 98, .	0.4	0