

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 | 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 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Antimicrobial resistance. , 2020, , 365-372. | | 6 |
| 9 | 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 |
| 10 | Alternative anti-infective therapy. , 2020, , 343-355. | | 0 |
| 11 | 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 |
| 12 | Use of antimicrobials and antibiotics in livestock, poultry, fishery and agriculture. , 2020, , 7-18. | | 1 |
| 13 | The emergence of antimicrobial-resistant bacteria in livestock, poultry and agriculture. , 2020, , 19-27. | | 1 |
| 14 | β -Lactamase. , 2020, , 47-57. | | 0 |
| 15 | Carbapenem resistance. , 2020, , 59-69. | | 0 |
| 16 | Resistance to fluoroquinolones. , 2020, , 71-80. | | 0 |
| 17 | Resistance to aminoglycoside, tetracycline and macrolides. , 2020, , 81-95. | | 2 |
| 18 | Characteristics of antimicrobial resistance among microorganisms of concern to animal, fish and human health. , 2020, , 135-151. | | 0 |

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|----|--|-----|-----------|
| 19 | Klebsiella. , 2020, , 153-169. | | 2 |
| 20 | Escherichia coli. , 2020, , 171-193. | | 0 |
| 21 | Staphylococcus. , 2020, , 195-215. | | 4 |
| 22 | A qualitative study on antibiotic use and animal health management in smallholder dairy farms of four regions of India. Infection Ecology and Epidemiology, 2020, 10, 1792033. | 0.5 | 26 |
| 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. Frontiers in Veterinary Science, 2020, 7, 620. | 0.9 | 25 |
| 24 | Application of nanoemulsion-based approaches for improving the quality and safety of muscle foods: A comprehensive review. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 2677-2700. | 5.9 | 57 |
| 25 | 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 |
| 26 | Evaluation of ameliorative effect of two selected plant drugs on experimentally induced arsenic toxicity in sheep. Environmental Science and Pollution Research, 2020, 27, 36744-36753. | 2.7 | 5 |
| 27 | A review of animal health and drug use practices in India, and their possible link to antimicrobial resistance. Antimicrobial Resistance and Infection Control, 2020, 9, 103. | 1.5 | 52 |
| 28 | Molecular Characterization of Biofilm-Producing <i>Pseudomonas aeruginosa</i> Isolated from Healthy Pigs and Chicken in India. Indian Journal of Animal Research, 2020, , . | 0.0 | 1 |
| 29 | Drumstick (<i>Moringa oleifera</i>) Flower as an Antioxidant Dietary Fibre in Chicken Meat Nuggets. Foods, 2019, 8, 307. | 1.9 | 59 |
| 30 | Characterization of beta-lactamase and biofilm producing <i>Enterobacteriaceae</i> isolated from organized and backyard farm ducks. Letters in Applied Microbiology, 2019, 69, 110-115. | 1.0 | 14 |
| 31 | Inhibition of lipid and protein oxidation in raw ground pork by <i>Terminalia arjuna</i> fruit extract during refrigerated storage. Asian-Australasian Journal of Animal Sciences, 2019, 32, 265-273. | 2.4 | 17 |
| 32 | Variability of the antigen-coding gene of in animal and human origin: implications for vaccine development. Journal of Genetics, 2019, 98, . | 0.4 | 0 |
| 33 | Genomic Identity of Fluoroquinolone-Resistant blaCTX-M-15-Type ESBL and pAmpC β -Lactamase Producing <i>Klebsiella pneumoniae</i> from Buffalo Milk, India. Microbial Drug Resistance, 2018, 24, 1345-1353. | 0.9 | 19 |
| 34 | Prevalence of CTX-M-Producing <i>Klebsiella</i> spp. in Broiler, Kuroiler, and Indigenous Poultry in West Bengal State, India. Microbial Drug Resistance, 2018, 24, 299-306. | 0.9 | 14 |
| 35 | Pig farm environment as a source of beta-lactamase or AmpC-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> . Annals of Microbiology, 2018, 68, 781-791. | 1.1 | 19 |
| 36 | A cross-sectional study on prevalence of bovine tuberculosis in Indian and crossbred cattle in Gangetic delta region of West Bengal, India. International Journal of One Health, 2018, 4, 1-7. | 0.6 | 8 |

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|----|--|-----|-----------|
| 37 | Pet bird diseases and care. , 2017, , . | | 4 |
| 38 | Systemic Clinical and Metabolic Diseases. , 2017, , 167-252. | | 1 |
| 39 | Prevalence of paratuberculosis in organized and unorganized dairy cattle herds in West Bengal, India. Veterinary World, 2017, 10, 574-579. | 0.7 | 6 |
| 40 | Epidemiological and laboratory investigation of a zoonotic anthrax outbreak in West Bengal, India. Asian Pacific Journal of Tropical Disease, 2017, 7, 653-658. | 0.5 | 1 |
| 41 | Antibacterial effect of silver nanoparticles and capsaicin against MDR-ESBL producing Escherichia coli: An in vitro study. Asian Pacific Journal of Tropical Disease, 2016, 6, 807-810. | 0.5 | 27 |
| 42 | Understanding osteomyelitis and its treatment through local drug delivery system. Biotechnology Advances, 2016, 34, 1305-1317. | 6.0 | 116 |
| 43 | Molecular signature of extended spectrum β -lactamase producing Klebsiella pneumoniae isolated from bovine milk in eastern and north-eastern India. Infection, Genetics and Evolution, 2016, 44, 395-402. | 1.0 | 49 |
| 44 | Experimental assessment of arsenic toxicity in garole sheep in India. Emerging Contaminants, 2016, 2, 128-134. | 2.2 | 5 |
| 45 | First Report on Vancomycin-Resistant <i>Staphylococcus aureus</i> in Bovine and Caprine Milk. Microbial Drug Resistance, 2016, 22, 675-681. | 0.9 | 72 |
| 46 | 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 |
| 47 | 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. Veterinary Quarterly, 2015, 35, 56-61. | 3.0 | 35 |
| 48 | 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 |
| 49 | Characterization of enterovirulent Escherichia coli isolated from yak calves died of diarrhoea in India. Indian Journal of Animal Research, 2015, , . | 0.0 | 0 |
| 50 | 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 |
| 51 | The productivity of Brassica rapa var. yellow sarson as influenced by integrated nutrient management practices and seed priming in Eastern Indian sub-Himalayan plains. SAARC Journal of Agriculture, 2014, 12, 106-116. | 0.2 | 3 |
| 52 | 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 |
| 53 | Virulence Repertoire, Characterization, and Antibiotic Resistance Pattern Analysis of <i>Escherichia coli</i> Isolated from Backyard Layers and Their Environment in India. Avian Diseases, 2014, 58, 39-45. | 0.4 | 32 |
| 54 | Assay of alterations in oxidative stress markers in pigs naturally infested with Sarcoptes scabiei var. suis. Veterinary Parasitology, 2014, 205, 295-299. | 0.7 | 13 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Immunotoxic and genotoxic potential of arsenic and its chemical species in goats. <i>Toxicology International</i> , 2013, 20, 6. | 0.1 | 14 |
| 58 | Extended-Spectrum-β-Lactamase-Producing <i>Escherichia coli</i> Isolate Possessing the Shiga Toxin Gene (<i>stx</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Journal of Clinical Microbiology</i> , 2013, 51, 2008-2009. | 1.8 | 21 |
| 59 | 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 |
| 60 | <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 |
| 61 | 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 |
| 62 | <i>In vitro</i> 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Use of zinc chloride as alternative stimulant for <i>in vitro</i> study of nitric oxide production pathway in avian splenocyte culture. <i>Molecular Biology Reports</i> , 2010, 37, 2223-2226. | 1.0 | 5 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Detection of canine echinococcosis by coproantigen ELISA. <i>Asian Pacific Journal of Tropical Medicine</i> , 2010, 3, 519-522. | 0.4 | 0 |
| 78 | 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 |
| 79 | 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 |
| 80 | Seroprevalence of brucellosis in yaks (<i>Poephagus 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 |
| 81 | Cytotoxicity of <i>Senecio</i> in macrophages is mediated via its induction of oxidative stress. <i>Research in Veterinary Science</i> , 2009, 87, 85-90. | 0.9 | 8 |
| 82 | An evaluation of antigen B family of <i>Echinococcus granulosus</i> , its conformational propensity and elucidation of the agretope. <i>Journal of Helminthology</i> , 2009, 83, 219-224. | 0.4 | 4 |
| 83 | Serological evidence of antibodies against <i>Chlamydomphila abortus</i> in free-ranging yak (<i>Poephagus</i>) Tj ETQq1 1 0.784314 rgBT ₁₁ /Overlook | 0.5 | 11 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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|----|---|-----|-----------|
| 91 | 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 |