

Ranjit Kataria

List of Publications by Year in descending order

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142
papers

1,458
citations

394421

19
h-index

434195

31
g-index

144
all docs

144
docs citations

144
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and functional annotation of the porcine immunome. BMC Genomics, 2013, 14, 332.	2.8	203
2	Pathotyping of Newcastle disease viruses by RT-PCR and restriction enzyme analysis. Veterinary Research Communications, 2000, 24, 275-286.	1.6	83
3	Peripheral blood mononuclear cells: a potential cellular system to understand differential heat shock response across native cattle (<i>Bos indicus</i>), exotic cattle (<i>Bos taurus</i>), and riverine buffaloes (<i>Bubalus bubalis</i>) of India. Cell Stress and Chaperones, 2014, 19, 613-621.	2.9	75
4	A nonsense mutation in cGMP-dependent type II protein kinase (<i>PRKG2</i>) causes dwarfism in American Angus cattle. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19250-19255.	7.1	48
5	Transcriptome Analysis of Circulating PBMCs to Understand Mechanism of High Altitude Adaptation in Native Cattle of Ladakh Region. Scientific Reports, 2018, 8, 7681.	3.3	42
6	Novel polymorphisms in UTR and coding region of inducible heat shock protein 70.1 gene in tropically adapted Indian zebu cattle (<i>Bos indicus</i>) and riverine buffalo (<i>Bubalus bubalis</i>). Gene, 2013, 527, 606-615.	2.2	39
7	Identification of suitable housekeeping genes for expression analysis in mammary epithelial cells of buffalo (<i>Bubalus bubalis</i>) during lactation cycle. Livestock Science, 2012, 147, 72-76.	1.6	29
8	Genetic analysis of river, swamp and hybrid buffaloes of north-east India throw new light on phylogeography of water buffalo (<i>Bubalus bubalis</i>). Journal of Animal Breeding and Genetics, 2015, 132, 454-466.	2.0	29
9	Toll-Like Receptor Responses to Peste des petits ruminants Virus in Goats and Water Buffalo. PLoS ONE, 2014, 9, e111609.	2.5	28
10	Bluetongue virus induces apoptosis in cultured mammalian cells by both caspase-dependent extrinsic and intrinsic apoptotic pathways. Archives of Virology, 2007, 152, 1751-1756.	2.1	25
11	5'-UTR-based phylogenetic analysis of Classical swine fever virus isolates from India. Acta Virologica, 2010, 54, 79-82.	0.8	25
12	Selection of suitable reference genes for quantitative gene expression studies in milk somatic cells of lactating cows (<i>Bos indicus</i>). Journal of Dairy Science, 2012, 95, 2935-2945.	3.4	25
13	Sequence analysis of Toll-like receptor genes 1-10 of goat (<i>Capra hircus</i>). Veterinary Immunology and Immunopathology, 2011, 140, 252-258.	1.2	23
14	Sequence analysis of the cleavage site-encoding region of the fusion protein gene of Newcastle disease viruses from India and Nepal. Avian Pathology, 2000, 29, 603-607.	2.0	21
15	Riverine status and genetic structure of Chilika buffalo of eastern India as inferred from cytogenetic and molecular marker-based analysis. Journal of Animal Breeding and Genetics, 2009, 126, 69-79.	2.0	21
16	Association of toll-like receptor four single nucleotide polymorphisms with incidence of infectious bovine keratoconjunctivitis (IBK) in cattle. Immunogenetics, 2011, 63, 115-119.	2.4	21
17	Milk proteins and human health: A1/A2 milk hypothesis. Indian Journal of Endocrinology and Metabolism, 2012, 16, 856.	0.4	21
18	Differential detection of Newcastle disease virus strains by degenerate primers based RT-PCR. Comparative Immunology, Microbiology and Infectious Diseases, 2004, 27, 163-169.	1.6	20

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19	Characterization of fowl adenovirus serotype-4 associated with hydropericardium syndrome in chicken. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2002, 25, 139-147.	1.6	19
20	Sequence analysis of the VP2 gene hypervariable region of infectious bursal disease viruses from India. <i>Avian Pathology</i> , 2001, 30, 501-507.	2.0	18
21	Novel Rath peptide for intracellular delivery of protein and nucleic acids. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 27-32.	2.1	18
22	Kinetics of lipogenic genes expression in milk purified mammary epithelial cells (MEC) across lactation and their correlation with milk and fat yield in buffalo. <i>Research in Veterinary Science</i> , 2015, 99, 129-136.	1.9	18
23	Classical swine fever in the pigmy hog. <i>OIE Revue Scientifique Et Technique</i> , 2012, 31, 919-930.	1.2	18
24	Evaluation of genetic architecture and mutation drift equilibrium of Marathwada buffalo population in Central India. <i>Livestock Science</i> , 2009, 121, 288-293.	1.6	17
25	Expression Analysis of Genes Associated with Prolificacy in <i>FecB</i> Carrier and Noncarrier Indian Sheep. <i>Animal Biotechnology</i> , 2017, 28, 220-227.	1.5	17
26	Genomic diversity and selection sweeps identified in Indian swamp buffaloes reveals it's uniqueness with riverine buffaloes. <i>Genomics</i> , 2020, 112, 2385-2392.	2.9	17
27	Population structure and phylogeography of Toda buffalo in Nilgiris throw light on possible origin of aboriginal Toda tribe of South India. <i>Journal of Animal Breeding and Genetics</i> , 2011, 128, 295-304.	2.0	16
28	Identification of suitable housekeeping genes for normalization of quantitative real-time PCR data during different physiological stages of mammary gland in riverine buffaloes (<i>Bubalus bubalis</i>). <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 1132-1141.	2.2	16
29	Detection of infectious bursal disease virus of poultry in clinical samples by RT-PCR. <i>IUBMB Life</i> , 1998, 45, 315-322.	3.4	15
30	Genetic diversity and bottleneck analysis of Nagpuri buffalo breed of India based on microsatellite data. <i>Russian Journal of Genetics</i> , 2009, 45, 826-832.	0.6	15
31	Evolutionary dynamics of meiotic recombination hotspots regulator PRDM9 in bovids. <i>Molecular Genetics and Genomics</i> , 2017, 292, 117-131.	2.1	15
32	PCR-SSCP analysis of leptin gene and its association with milk production traits in river buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2012, 44, 1587-1592.	1.4	14
33	Identification of internal control genes in milk-derived mammary epithelial cells during lactation cycle of Indian zebu cow. <i>Animal Science Journal</i> , 2016, 87, 344-353.	1.4	14
34	Evaluation of genetic variability and mutation drift equilibrium of Banni buffalo using multi locus microsatellite markers. <i>Tropical Animal Health and Production</i> , 2009, 41, 1203-1211.	1.4	13
35	Molecular Characterization of Classical swine fever virus Involved in the Outbreak in Mizoram. <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2010, 21, 76-81.	0.7	12
36	Genetic diversity within 5' upstream region of Toll-like receptor 8 gene reveals differentiation of riverine and swamp buffaloes. <i>Meta Gene</i> , 2013, 1, 24-32.	0.6	12

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37	Differentiation of infectious bursal disease virus strains by restriction analysis of RT-PCR-amplified VP2 gene sequences. <i>Acta Virologica</i> , 1999, 43, 245-9.	0.8	12
38	Amino acid changes in the variable region of VP2 in three infectious bursal disease viruses with different virulence, originating from a common ancestor. <i>Avian Pathology</i> , 2001, 30, 667-673.	2.0	10
39	Evaluating suitable internal control genes for transcriptional studies in heat-stressed mammary explants of buffaloes. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 106-117.	2.0	10
40	Sequence characterization of river buffalo Toll-like receptor genes 10 reveals distinct relationship with cattle and sheep. <i>International Journal of Immunogenetics</i> , 2013, 40, 140-148.	1.8	10
41	Mitochondrial sequence-based evolutionary analysis of riverine swamp hybrid buffaloes of India indicates novel maternal differentiation and domestication patterns. <i>Animal Genetics</i> , 2020, 51, 476-482.	1.7	10
42	Comparative modeling and mutual docking of structurally uncharacterized heat shock protein 70 and heat shock factor-1 proteins in water buffalo. <i>Veterinary World</i> , 2019, 12, 2036-2045.	1.7	10
43	Sequence Characterisation and Genotyping of Allelic Variants of Beta Casein Gene Establishes Native Cattle of Ladakh to be a Natural Resource for A2 Milk. <i>Defence Life Science Journal</i> , 2018, 3, 177.	0.3	10
44	Transcriptional profiling of PRKG2-null growth plate identifies putative down-stream targets of PRKG2. <i>BMC Research Notes</i> , 2015, 8, 177.	1.4	9
45	High genetic diversity and distribution of Bubu-DQA alleles in swamp buffaloes (<i>Bubalus bubalis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.4 9	2.4	9
46	Detection of Infectious Bursal Disease Virus in Field Outbreaks in Broiler Chickens by Reverse Transcription-Polymerase Chain Reaction. <i>International Journal of Poultry Science</i> , 2005, 4, 239-243.	0.1	9
47	Differentiation of infectious bursal disease viruses by restriction enzyme analysis of RT-PCR amplified VP1 gene sequence. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2003, 26, 47-53.	1.6	8
48	Sequence analysis of UTR and coding region of kappa-casein gene of Indian riverine buffalo (<i>Bubalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tj 0.7	0.7	8
49	Characterization of Osteopontin gene of <i>Bubalus bubalis</i> . <i>Animal</i> , 2008, 2, 987-990.	3.3	8
50	Microsatellite-based genetic monitoring to detect cryptic demographic bottleneck in Indian riverine buffaloes (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2010, 42, 849-855.	1.4	8
51	Sequence and topological characterization of Toll-like receptor 8 gene of Indian riverine buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2012, 45, 91-99.	1.4	8
52	Semi-quantitative RT-PCR analysis of fat metabolism genes in mammary tissue of lactating and non-lactating water buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2012, 44, 693-696.	1.4	8
53	Expression Profiling of Glucose Transporter 1 (GLUT1) and Apoptotic Genes (BAX and BCL2) in Milk Enriched Mammary Epithelial Cells (MEC) in Riverine Buffalo during Lactation. <i>Animal Biotechnology</i> , 2014, 25, 151-159.	1.5	8
54	Exploration of the binding modes of buffalo PGRP1 receptor complexed with meso-diaminopimelic acid and lysine-type peptidoglycans by molecular dynamics simulation and free energy calculation. <i>Chemico-Biological Interactions</i> , 2014, 220, 255-268.	4.0	8

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55	Assessment of Genetic Diversity, Mutation Drift Equilibrium and Mitochondrial D-Loop Variation in Toda buffalo – The Endangered Breed of South India. <i>Journal of Applied Animal Research</i> , 2009, 35, 67-72.	1.2	7
56	Microsatellite based genetic structuring reveals unique identity of Banni among river buffaloes of Western India. <i>Livestock Science</i> , 2010, 127, 257-261.	1.6	7
57	Stage Specific Expression of ATP-Binding Cassette and Solute Carrier Superfamily of Transporter Genes in Mammary Gland of Riverine Buffalo (<i>Bubalus bubalis</i>). <i>Animal Biotechnology</i> , 2014, 25, 200-209.	1.5	7
58	Identification of polymorphism in fatty acid binding protein 3 (FABP3) gene and its association with milk fat traits in riverine buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2016, 48, 849-853.	1.4	7
59	Detection of bovine herpesvirus 1 (BHV-1) genomic sequences in bovine semen inoculated with BHV-1 by polymerase chain reaction. <i>Acta Virologica</i> , 1997, 41, 311-5.	0.8	7
60	Characterization of an Indian bluetongue virus isolate by RT-PCR and restriction enzyme analysis of the VP-7 gene sequence. <i>Veterinary Research Communications</i> , 2000, 24, 401-409.	1.6	6
61	One-step RT-PCR for the detection of infectious bursal disease virus in clinical samples. <i>Veterinary Research Communications</i> , 2001, 25, 429-436.	1.6	6
62	Short tandem repeat based analysis of genetic variability in Kanarese buffalo of South India. <i>Russian Journal of Genetics</i> , 2010, 46, 988-993.	0.6	6
63	Analysis of genetic variations across regulatory and coding regions of kappa-casein gene of Indian native cattle (<i>Bos indicus</i>) and buffalo (<i>Bubalus bubalis</i>). <i>Meta Gene</i> , 2014, 2, 769-781.	0.6	6
64	Genetic diversity analysis of buffalo fatty acid synthase (FASN) gene and its differential expression among bovines. <i>Gene</i> , 2016, 575, 506-512.	2.2	6
65	In Silico Analysis of HSP70 Gene Family in Bovine Genome. <i>Biochemical Genetics</i> , 2021, 59, 134-158.	1.7	6
66	Use of microsatellite multilocus genotypic data for individual assignment assay in six native cattle breeds from north-western region of India. <i>Livestock Science</i> , 2009, 121, 72-77.	1.6	5
67	Single nucleotide polymorphism (SNP) identification and sequence analysis of 5' flanking region of lactoferrin gene in Indian buffaloes (<i>Bubalus bubalis</i>). <i>Livestock Science</i> , 2009, 121, 38-44.	1.6	5
68	Detection of Polymorphism and Sequence Characterization of Toll-Like Receptor 7 Gene of Indian Goat Revealing Close Relationship Between Ruminant Species. <i>Animal Biotechnology</i> , 2012, 23, 194-203.	1.5	5
69	Development of tetra-primers ARMS-PCR assay for the detection of A1551G polymorphism in TLR8 gene of riverine buffalo. <i>Journal of Applied Animal Research</i> , 2012, 40, 17-19.	1.2	5
70	Sequence based structural characterization and genetic diversity analysis across coding and promoter regions of goat Toll-like receptor 5 gene. <i>Gene</i> , 2014, 540, 238-245.	2.2	5
71	Association analysis of polymorphism in thyroglobulin gene promoter with milk production traits in riverine buffalo (<i>Bubalus bubalis</i>). <i>Meta Gene</i> , 2015, 5, 157-161.	0.6	5
72	Matrix-based three-dimensional culture of buffalo mammary epithelial cells showed higher induction of genes related to milk protein and fatty acid metabolism. <i>Cell Biology International</i> , 2016, 40, 232-238.	3.0	5

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73	Morphometric and microsatellite-based comparative genetic diversity analysis in <i>Bubalus bubalis</i> from North India. <i>PeerJ</i> , 2021, 9, e11846.	2.0	5
74	Genetic diversity and bottleneck analysis of Nagpuri buffalo breed of India based on microsatellite data. <i>Russian Journal of Genetics</i> , 2009, 45, 941-8.	0.4	5
75	Molecular characterization of Indian isolates of infectious bursal disease virus from broiler chickens. <i>DNA Sequence</i> , 2006, 17, 431-439.	0.7	4
76	Survey and characterization of South Kanara buffaloes in India. <i>Animal Genetic Resources Information</i> , 2008, 43, 67-77.	0.1	4
77	Sequence Analysis of the S10 Gene of Six Bluetongue Virus Isolates from India. <i>Transboundary and Emerging Diseases</i> , 2009, 56, 329-336.	3.0	4
78	Genetic diversity analysis of the thyroglobulin gene promoter in buffalo and other bovines. <i>Livestock Science</i> , 2014, 167, 65-72.	1.6	4
79	Molecular Characterization of Buffalo Haptoglobin: Sequence Based Structural Comparison Indicates Convergent Evolution Between Ruminants and Human. <i>Animal Biotechnology</i> , 2016, 27, 30-37.	1.5	4
80	Milk-derived mammary epithelial cells as non-invasive source to define stage-specific abundance of milk protein and fat synthesis transcripts in native Sahiwal cows and Murrah buffaloes. <i>3 Biotech</i> , 2019, 9, 106.	2.2	4
81	Exploring polymorphism of prolactin gene and its possible association with repeat breeding in buffaloes. <i>Gene Reports</i> , 2017, 8, 24-29.	0.8	4
82	Chilika- A Distinct Registered Buffalo Breed of India. <i>International Journal of Livestock Research</i> , 2017, , 1.	0.1	4
83	Polymorphism in Exon-40 of FASN Gene in Lesser known Buffalo breeds of India. <i>Journal of Animal Research</i> , 2015, 5, 325.	0.1	4
84	Identification of Internal Reference Genes in Peripheral Blood Mononuclear Cells of Cattle Populations Adapted to Hot Arid Normoxia and Cold Arid Hypoxia Environments. <i>Frontiers in Genetics</i> , 2021, 12, 730599.	2.3	4
85	Sequence analysis of segment a of a field virus isolate from an outbreak of Infectious bursal disease in India. <i>Acta Virologica</i> , 2003, 47, 73-7.	0.8	4
86	Confirmation of rinderpest from samples of affected gums. <i>Tropical Animal Health and Production</i> , 1977, 9, 232-232.	1.4	3
87	Identification of <i>Trypanosoma evansi</i> by DNA hybridisation using a non-radioactive probe generated by arbitrary primer PCR: Short communication. <i>Acta Veterinaria Hungarica</i> , 2001, 49, 191-195.	0.5	3
88	Sequence Analysis of an Indian Field Isolate of Infectious Bursal Disease Virus Shows Six Unique Amino Acid Changes in the VP1 Gene. <i>Veterinary Research Communications</i> , 2004, 28, 641-646.	1.6	3
89	Rapid Detection of <i>Brucella</i> Species in Cattle Semen by PCR. <i>Journal of Applied Animal Research</i> , 2006, 30, 25-28.	1.2	3
90	Seven novel single nucleotide polymorphisms identified within river buffalo (<i>Bubalus bubalis</i>) lactoferrin gene. <i>Tropical Animal Health and Production</i> , 2010, 42, 1021-1026.	1.4	3

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91	Power of exclusion of 19 microsatellite markers for parentage testing in river buffalo (<i>Bubalus bubalis</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	2.3	3
92	Genetic Polymorphisms in the Bovine Toll-Like Receptor 4 (TLR4) and Monocyte Chemo Attractant Protein-1 (CCL2) Genes: SNPs Distribution Analysis in <i>Bos indicus</i> Sahiwal Cattle Breed. <i>Animal Biotechnology</i> , 2014, 25, 250-265.	1.5	3
93	Differential expression of cytokines in PBMC of <i>Bos indicus</i> and <i>Bos taurus</i> — <i>Bos indicus</i> cattle due to <i>Brucella abortus</i> S19 antigen. <i>Animal Biotechnology</i> , 2020, 31, 148-154.	1.5	3
94	Diversity analysis at MHC class II DQA locus in buffalo (<i>Bubalus bubalis</i>) indicates extensive duplication and trans-species evolution. <i>Genomics</i> , 2020, 112, 4417-4426.	2.9	3
95	Assessment of genetic diversity and bottleneck in Purnathadi buffaloes using short tandem repeat markers. <i>Animal Biotechnology</i> , 2021, 32, 495-506.	1.5	3
96	Detection of bluetongue virus genome segment 6 sequences by RT-PCR. <i>Indian Journal of Experimental Biology</i> , 1998, 36, 1034-7.	0.0	3
97	Sequence analysis of VP7 gene of Indian bluetongue virus serotype-23 shows its close phylogenetic relationship to Australian and Chinese serotypes. <i>DNA Sequence</i> , 2006, 17, 65-73.	0.7	2
98	Isolation and Sequence Characterization of Mammary Derived Growth Inhibitor Gene of Riverine Buffalo (<i>Bubalus Bubalis</i>). <i>Animal Biotechnology</i> , 2007, 18, 123-130.	1.5	2
99	Sequence Analysis of VP2 Gene Hyper Variable Region of a Cell-culture Adapted Indian Classical Infectious Bursal Disease Virus of Chicken. <i>Journal of Applied Animal Research</i> , 2007, 32, 49-54.	1.2	2
100	Genetic Diversity in River Buffalo (<i>Bubalus bubalis</i>) Breeds of Central India using Heterologous Bovine Microsatellite Markers. <i>Journal of Applied Animal Research</i> , 2008, 33, 159-163.	1.2	2
101	Detection of Polymorphism in Exon 2 of Toll-like Receptor 4 Gene of Indian Buffaloes Using PCR-SSCP Technique. <i>Journal of Applied Animal Research</i> , 2010, 37, 265-268.	1.2	2
102	Identification of novel polymorphism in buffalo stanniocalcin-1 gene and its expression analysis in mammary gland under different stages of lactation. <i>Journal of Genetics</i> , 2019, 98, 1.	0.7	2
103	Expression profile of different classes of proteases in milk derived somatic cells across different lactation stages of indigenous cows (<i>Bos indicus</i>) and riverine buffaloes (<i>Bubalus bubalis</i>). <i>Animal Biotechnology</i> , 2021, , 1-10.	1.5	2
104	Identification of <i>Trypanosoma evansi</i> by dna hybridisation using a non-radioactive probe generated by arbitrary primer pcr: Short communication. <i>Acta Veterinaria Hungarica</i> , 2001, 49, 191-195.	0.5	2
105	Genomic Analyses of Toll-like Receptor 4 and 7 Exons of <i>Bos indicus</i> from Temperate Sub-himalayan Region of India. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011, 24, 1019-1025.	2.4	2
106	Role of BoLA-DRB3 genetic diversity against resistance to mastitis in cattle: Review. , 0, , 30-36.		2
107	Current status and unique attributes of Indian Chilika buffalo for adaptation to brackish water ecology. <i>Tropical Animal Health and Production</i> , 2021, 53, 544.	1.4	2
108	Short tandem repeat based analysis of genetic variability in Kanarese buffalo of South India. <i>Russian Journal of Genetics</i> , 2010, 46, 1108-14.	0.4	2

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109	Demographic pattern of A1/A2 beta casein variants indicates conservation of A2 type haplotype across native cattle breeds (<i>Bos indicus</i>) of India. <i>3 Biotech</i> , 2022, 12, .	2.2	2
110	Caprine Toll-like receptor 8 gene sequence characterization reveals close relationships among ruminant species. <i>International Journal of Immunogenetics</i> , 2014, 41, 81-89.	1.8	1
111	Marker assisted evaluation of morphological and genetic attributes of sub-populations of Nili-Ravi buffalo: A vulnerable dairy type riverine breed of India. <i>Russian Journal of Genetics</i> , 2015, 51, 799-806.	0.6	1
112	Polymorphism in the coding region sequence of GDF8 Gene in Indian Sheep. <i>Russian Journal of Genetics</i> , 2015, 51, 1119-1122.	0.6	1
113	Identification of genetic variation in NOD-like receptor 2 gene and influence of polymorphism on gene structure and function in buffalo (<i>Bubalus bubalis</i>). <i>Research in Veterinary Science</i> , 2017, 115, 43-50.	1.9	1
114	PCR-SSCP analysis of MDGI gene and its association with milk production traits in river buffalo (<i>Bubalus bubalis</i>). <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5</i>	1.9	1
115	Microsatellite-based Genetic Diversity and Mutation-Drift Equilibrium in Dharwadi Buffalo (<i>Bubalus Bubalis</i>) of India. <i>Agricultural Research</i> , 2019, 8, 553-558.	1.7	1
116	Sequence-based structural analysis and evaluation of polymorphism in buffalo Nod-like receptor-1 gene. <i>3 Biotech</i> , 2019, 9, 26.	2.2	1
117	Allelic diversity and locus duplication at the MHC Class II <i>DQ</i> subregion in the Indian yak population. <i>Animal Genetics</i> , 2019, 50, 112-113.	1.7	1
118	Differential neutrophil gene expression in blood and milk during pre-implantation pregnancy in Karan Fries cattle. <i>Biological Rhythm Research</i> , 2021, 52, 680-687.	0.9	1
119	Identification of novel allelic patterns and evolutionary lineage of BoLA MHC class II <i>DQA</i> locus in indicine and taurine cattle. <i>Animal Biotechnology</i> , 2022, 33, 1746-1752.	1.5	1
120	Computational Analysis of HSP-60 Protein with Structural Insights into Chaperonin Containing TCP-1 Subunit 5 in <i>Bos Taurus</i> . <i>MOJ Proteomics & Bioinformatics</i> , 2017, 6, .	0.1	1
121	Major histocompatibility complex (DRB3) gene expression pattern indicates differences in <i>Brucella abortus</i> S19 vaccine induced immune response in Karan Fries and Sahiwal cattle. <i>Indian Journal of Animal Research</i> , 2018, , .	0.1	1
122	Allelic diversity at BoLA DRB3 locus and association with predisposition to clinical mastitis in indicus and crossbred cattle. <i>Animal Biotechnology</i> , 2021, , 1-10.	1.5	1
123	Identification of novel polymorphism in buffalo stanniocalcin-1 gene and its expression analysis in mammary gland under different stages of lactation. <i>Journal of Genetics</i> , 2019, 98, .	0.7	1
124	Restriction Mapping of HindIII Fragment λ ™ of Bovine Herpesvirus-1 DNA Cloned in Opposite Orientation. <i>Journal of Applied Animal Research</i> , 1997, 11, 183-188.	1.2	0
125	Construction and Evaluation of Directionally Cloned cDNA Libraries from Lactating and Non-lactating Mammary Gland of River Buffalo (<i>Bubalus bubalis</i>): A Resource for Gene Identification in Bubaline Genome. <i>Journal of Applied Animal Research</i> , 2008, 33, 81-84.	1.2	0
126	Sequence Characterization of S100A8 Gene Reveals Structural Differences of Protein and Transcriptional Factor Binding Sites in Water Buffalo and Yak. <i>Animal Biotechnology</i> , 2011, 22, 124-132.	1.5	0

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127	Identification of novel allelic variants at the MHC class II DQA locus in Murrah water buffalo. <i>Animal Genetics</i> , 2018, 49, 497-498.	1.7	0
128	Evaluation of therapeutic potential of recombinant buffalo lactoferrin N-lobe expressed in <i>E. coli</i> . <i>Animal Biotechnology</i> , 2020, 31, 181-187.	1.5	0
129	Alternate PCR assays for screening of JH1 mutation associated with embryonic death in Jersey cattle. <i>Molecular and Cellular Probes</i> , 2021, 55, 101688.	2.1	0
130	Toll-like Receptors in Livestock Species. , 2021, , 49-60.		0
131	Cytogenetic analysis reveals the swamp status of the indigenous 'Bhangor' buffalo population from Tripura state. <i>Bhartiya Krishi Anusandhan Patrika</i> , 2021, , .	0.0	0
132	'Bhangor' - non-descript swamp buffalo population from North-East Indian state of Tripura. <i>International Journal of Livestock Research</i> , 2021, , 1.	0.1	0
133	Molecular Characterization of the Coding Region and 5' UTR of HSP70 Gene in Indian Riverine Buffalo Breeds. <i>Indian Journal of Animal Research</i> , 2021, , .	0.1	0
134	Polymorphism analysis at FecB locus in Kajali sheep of India. <i>Indian Journal of Animal Research</i> , 2016, , .	0.1	0
135	Hae III locus at Major Histocompatibility Complex (MHC) class II region hints duplicated DQA genes in Indian mithun (<i>Bos frontalis</i>). <i>Indian Journal of Animal Research</i> , 2016, , .	0.1	0
136	Genetic diversity at MHC-DRB3 locus suggests distinctness of the riverine-swamp buffalo populations in North-East region of India. <i>Indian Journal of Animal Research</i> , 2017, , .	0.1	0
137	Sequence Characterization and In silico Anti-biofilm Activity Prediction of beta Defensin 103A in Tharparkar Cattle Breed and Taurine Cattle. <i>International Journal of Livestock Research</i> , 2018, 8, 1.	0.1	0
138	Evaluation of Physiological Parameters in Response to Endurance Exercise of Zanskar Ponies Adapted to High Altitude of Ladakh Region. <i>Defence Life Science Journal</i> , 2018, 3, 172.	0.3	0
139	Detection of polymorphism in the promoter region of TNF-alpha gene of water buffalo (<i>Bubalus taurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	0
140	Number of pregnancies and season of calving influence the production and reproduction traits in Nili-Ravi buffalo. <i>Indian Journal of Dairy Science</i> , 2020, 73, 443-448.	0.2	0
141	Cloning and characterization of HindIII fragments of bovine herpesvirus-1 DNA from an Indian isolate. <i>Indian Journal of Biochemistry and Biophysics</i> , 1996, 33, 315-8.	0.0	0
142	Genetic admixture and population structure analysis of Indian water buffaloes (<i>Bubalus bubalis</i>) using STR markers. <i>Molecular Biology Reports</i> , 2022, , 1.	2.3	0