

Abhijit Mitra

List of Publications by Year in descending order

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840119

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citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro culture and characterization of spermatogonial stem cells on Sertoli cell feeder layer in goat (<i>Capra hircus</i>). <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 993-1001.	1.2	42
2	Kappa-casein polymorphisms in Indian dairy cattle and buffalo: A new genetic variant in buffalo. <i>Animal Biotechnology</i> , 1998, 9, 81-87.	0.7	39
3	Lack of association of brucellosis resistance with (GT) ₁₃ microsatellite allele at 3'UTR of NRAMP1 gene in Indian zebu (<i>Bos indicus</i>) and crossbred (<i>Bos indicus</i> × <i>Bos taurus</i>) cattle. <i>Veterinary Microbiology</i> , 2005, 111, 139-143.	0.8	34
4	Lipopolysaccharide and Concanavalin A Differentially Induce the Expression of Immune Response Genes in Caprine Monocyte Derived Macrophages. <i>Animal Biotechnology</i> , 2015, 26, 298-303.	0.7	28
5	Association of microsatellite (GT) _n polymorphism at 3'UTR of NRAMP1 with the macrophage function following challenge with <i>Brucella</i> LPS in buffalo (<i>Bubalus bubalis</i>). <i>Veterinary Microbiology</i> , 2008, 129, 188-196.	0.8	25
6	Small Interfering RNA (siRNA)-Mediated Knockdown of Myostatin Influences the Expression of Myogenic Regulatory Factors in Caprine Foetal Myoblasts. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1714-1724.	1.4	17
7	Calcium and Superoxide-Mediated Pathways Converge to Induce Nitric Oxide-Dependent Apoptosis in <i>Mycobacterium fortuitum</i> -Infected Fish Macrophages. <i>PLoS ONE</i> , 2016, 11, e0146554.	1.1	16
8	High-density Genotyping reveals Genomic Characterization, Population Structure and Genetic Diversity of Indian Mithun (<i>Bos frontalis</i>). <i>Scientific Reports</i> , 2018, 8, 10316.	1.6	16
9	Isolation of two cDNAs encoding MHC-DQA1 and -DQA2 from the water buffalo, <i>Bubalus bubalis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 268-271.	0.5	15
10	Transgenic expression of green fluorescent protein in caprine embryos produced through electroporation-aided sperm-mediated gene transfer. <i>Gene</i> , 2016, 576, 505-511.	1.0	13
11	DNA Polymorphism in SLC11A1 Gene and its Association with Brucellosis Resistance in Indian Zebu (<i>Bos</i>) Tj ETQq1 1 0.784314 rgBT / Overl Sciences, 2011, 24, 898-904.	2.4	12
12	Allelic diversity at MHC class II DQ loci in buffalo (<i>Bubalus bubalis</i>): Evidence for duplication. <i>Veterinary Immunology and Immunopathology</i> , 2010, 138, 206-212.	0.5	11
13	Molecular cloning and characterization of β -defensin cDNA expressed in distal ileum of buffalo (<i>Bubalus bubalis</i>). <i>DNA Sequence</i> , 2005, 16, 16-20.	0.7	10
14	Characterization of 5' Upstream Region and Investigation of TTTA Deletion in 5' UTR of Myostatin (<i>MSTN</i>) Gene in Indian Goat Breeds. <i>Animal Biotechnology</i> , 2014, 25, 55-68.	0.7	10
15	Whole genome sequence and de novo assembly revealed genomic architecture of Indian Mithun (<i>Bos</i>) Tj ETQq1 1 0.784314 rgBT / Overl 1.2	1.2	10
16	Testis mediated gene transfer: In vitro transfection in goat testis by electroporation. <i>Gene</i> , 2015, 554, 96-100.	1.0	9
17	Identification of sperm motility markers in bovine transition protein genes. <i>Reproduction in Domestic Animals</i> , 2019, 54, 365-372.	0.6	9
18	Expression of lysostaphin in milk of transgenic mice affects the growth of neonates. <i>Transgenic Research</i> , 2003, 12, 597-605.	1.3	8

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19	Interferon stimulated gene 15 (ISG15): Molecular characterization and expression profile in endometrium of buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2012, 133, 159-168.	0.5	8
20	Intratesticular injection followed by electroporation allows gene transfer in caprine spermatogenic cells. <i>Scientific Reports</i> , 2018, 8, 3169.	1.6	8
21	Characterization and expression profile of complete functional domain of granulysin/NK-lysin homologue (buffalo-lysin) gene of water buffalo (<i>Bubalus bubalis</i>). <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 413-417.	0.5	7
22	Molecular characterization and expression profile of uterine serpin (SERPINA14) during different reproductive phases in water buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2010, 122, 133-141.	0.5	7
23	Molecular characterization and phylogeny based analysis of complete coding sequence of myostatin (MSTN) gene in Indian goat breeds. <i>Small Ruminant Research</i> , 2014, 116, 100-110.	0.6	7
24	Molecular Characterization of Lysozyme Type II Gene in Rainbow Trout (<i>Oncorhynchus mykiss</i>): Evidence of Gene Duplication. <i>Animal Biotechnology</i> , 2003, 14, 7-12.	0.7	6
25	Microsatellite (GT) polymorphism at 3'UTR of SLC11A1 influences the expression of brucella LPS induced MCP1 mRNA in buffalo peripheral blood mononuclear cells. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 295-302.	0.5	6
26	Nucleotide variability of protamine genes influencing bull sperm motility variables. <i>Animal Reproduction Science</i> , 2018, 193, 126-139.	0.5	6
27	Short-hairpin Mediated Myostatin Knockdown Resulted in Altered Expression of Myogenic Regulatory Factors with Enhanced Myoblast Proliferation in Fetal Myoblast Cells of Goats. <i>Animal Biotechnology</i> , 2018, 29, 59-67.	0.7	6
28	Molecular Characterization of the Interferon-tau Gene of the Mithun (<i>Bos frontalis</i>). <i>Zoological Science</i> , 2006, 23, 607-611.	0.3	5
29	An alternate protocol for establishment of primary caprine fetal myoblast cell culture: an in vitro model for muscle growth study. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 589-597.	0.7	4
30	cDNA Characterization and Molecular Analysis of Buffalo MHC Class II Gene, DRA (<i>Bubu</i> -DRA). <i>Journal of Applied Animal Research</i> , 2010, 37, 73-76.	0.4	3
31	Analysis of genetic variations of complete TM4 of buffalo (<i>Bubalus bubalis</i>) <i>Slc11A1</i> gene. <i>Journal of Applied Animal Research</i> , 2011, 39, 324-327.	0.4	3
32	Molecular characterization of novel variants of interferon-tau (IFNT) gene in Garole breed of sheep (<i>Ovis aries</i>). <i>Animal Reproduction Science</i> , 2008, 104, 238-247.	0.5	2
33	Molecular Variability of Somatotropin Releasing Hormone (SRH) Gene in Mithun (<i>Bos frontalis</i>). <i>Journal of Applied Animal Research</i> , 2008, 33, 205-207.	0.4	1
34	Molecular cloning and characterization of SLC11A1 cDNA in Japanese Quail (<i>Coturnix Coturnix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	0.5	1
35	Molecular Characterization of Bubaline Integrin β 2 (ITGB2) cDNA. <i>Journal of Applied Animal Research</i> , 2010, 37, 217-220.	0.4	1
36	Partial Genomic Sequence of Buffalo (<i>Bubalus bubalis</i>) ITGB2 Gene. <i>Journal of Applied Animal Research</i> , 2005, 28, 41-43.	0.4	0

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37	Genetic Variability in Integrin Beta-1 (ITGB1) Gene of Buffaloes. Journal of Applied Animal Research, 2006, 30, 149-152.	0.4	0
38	Nucleotide Variability of Partial Somatotropin Hormone (STH) Gene in Mithun(<i>Bos frontalis</i>). Journal of Applied Animal Research, 2009, 35, 165-168.	0.4	0
39	Identification of Novel Allelic Variants of Integrin Beta 2 (ITGB2) Gene and Screening for Bubaline Leukocyte Adhesion Deficiency Syndrome in Indian Water Buffaloes (<i>Bubalus bubalis</i>). Animal Biotechnology, 2009, 20, 156-160.	0.7	0
40	Lack of Polymorphism in Partial Insulin Like Growth Factor 1 (IGF1) and Insulin Like Growth Factor Binding Protein 3 (IGFBP3) Genes of Mithun. Journal of Applied Animal Research, 2009, 36, 41-44.	0.4	0
41	Genetic characterisation of buffalo MHC (Bubu)-DQB cDNA molecule. Journal of Applied Animal Research, 2011, 39, 136-138.	0.4	0
42	Molecular Evolution, Characterization and Expression Profiling of Uterine Aldoketoreductase 1B5 Gene in Endometrium of Goat (<i>Capra hircus</i>). Animal Biotechnology, 2015, 26, 8-16.	0.7	0