

# Abhijit Mitra

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Whole genome sequence and de novo assembly revealed genomic architecture of Indian Mithun (Bos Tj ETQq1 1 0.784314 rgBT /Over	1.2	10
2	Identification of sperm motility markers in bovine transition protein genes. <i>Reproduction in Domestic Animals</i> , 2019, 54, 365-372.	0.6	9
3	Nucleotide variability of protamine genes influencing bull sperm motility variables. <i>Animal Reproduction Science</i> , 2018, 193, 126-139.	0.5	6
4	Intratesticular injection followed by electroporation allows gene transfer in caprine spermatogenic cells. <i>Scientific Reports</i> , 2018, 8, 3169.	1.6	8
5	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
6	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
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	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
9	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
10	Testis mediated gene transfer: In vitro transfection in goat testis by electroporation. <i>Gene</i> , 2015, 554, 96-100.	1.0	9
11	Molecular Evolution, Characterization and Expression Profiling of Uterine Aldoketoreductase 1B5 Gene in Endometrium of Goat ( <i>Capra hircus</i> ). <i>Animal Biotechnology</i> , 2015, 26, 8-16.	0.7	0
12	Characterization of 5' Upstream Region and Investigation of TTTTA 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
13	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
14	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
15	Molecular characterization and phylogeny based analysis of complete coding sequence of myostatin ( <i>MSTN</i> ) gene in Indian goat breeds. <i>Small Ruminant Research</i> , 2014, 116, 100-110.	0.6	7
16	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
17	Microsatellite (GT) polymorphism at 3' UTR of <i>SLC11A1</i> 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
18	Interferon stimulated gene 15 ( <i>ISG15</i> ): 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

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19	Analysis of genetic variations of complete TM4 of buffalo ( <i>Bubalus bubalis</i> ) <i>Slc11a1</i> gene. Journal of Applied Animal Research, 2011, 39, 324-327.	0.4	3
20	Genetic characterisation of buffalo MHC (Bubu)-DQB cDNA molecule. Journal of Applied Animal Research, 2011, 39, 136-138.	0.4	0
21	DNA Polymorphism in SLC11A1 Gene and its Association with Brucellosis Resistance in Indian Zebu (Bos) Tj ETQq1 1 0.784314 rgBT / Sciences, 2011, 24, 898-904.	2.4	12
22	Molecular Characterization of Bubaline Integrin $\beta 2$ (ITGB2) cDNA. Journal of Applied Animal Research, 2010, 37, 217-220.	0.4	1
23	cDNA Characterization and Molecular Analysis of Buffalo MHC Class II Gene, DRA ( <i>Bubu</i> -DRA). Journal of Applied Animal Research, 2010, 37, 73-76.	0.4	3
24	Allelic diversity at MHC class II DQ loci in buffalo ( <i>Bubalus bubalis</i> ): Evidence for duplication. Veterinary Immunology and Immunopathology, 2010, 138, 206-212.	0.5	11
25	Molecular characterization and expression profile of uterine serpin (SERPINA14) during different reproductive phases in water buffalo ( <i>Bubalus bubalis</i> ). Animal Reproduction Science, 2010, 122, 133-141.	0.5	7
26	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
27	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
28	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
29	Molecular cloning and characterization of SLC11A1 cDNA in Japanese Quail ( <i>Coturnix Coturnix</i> ) Tj ETQq1 1 0.784314 rgBT / Qoverlock 10	0.5	1
30	Characterization and expression profile of complete functional domain of granulysin/NK-lysin homologue (buffalo-lysin) gene of water buffalo ( <i>Bubalus bubalis</i> ). Veterinary Immunology and Immunopathology, 2009, 128, 413-417.	0.5	7
31	Isolation of two cDNAs encoding MHC-DQA1 and -DQA2 from the water buffalo, <i>Bubalus bubalis</i> . Veterinary Immunology and Immunopathology, 2009, 130, 268-271.	0.5	15
32	Association of microsatellite (GT) <sub>n</sub> polymorphism at 3'UTR of NRAMP1 with the macrophage function following challenge with <i>Brucella</i> LPS in buffalo ( <i>Bubalus bubalis</i> ). Veterinary Microbiology, 2008, 129, 188-196.	0.8	25
33	Molecular characterization of novel variants of interferon-tau (IFNT) gene in Garole breed of sheep ( <i>Ovis aries</i> ). Animal Reproduction Science, 2008, 104, 238-247.	0.5	2
34	Molecular Variability of Somatotropin Releasing Hormone (SRH) Gene in Mithun ( <i>Bos frontalis</i> ). Journal of Applied Animal Research, 2008, 33, 205-207.	0.4	1
35	Molecular Characterization of the Interferon-tau Gene of the Mithun ( <i>Bos frontalis</i> ). Zoological Science, 2006, 23, 607-611.	0.3	5
36	Genetic Variability in Integrin Beta-1 (ITGB1) Gene of Buffaloes. Journal of Applied Animal Research, 2006, 30, 149-152.	0.4	0

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37	Partial Genomic Sequence of Buffalo ( <i>Bubalus bubalis</i> ) ITGB2 Gene. Journal of Applied Animal Research, 2005, 28, 41-43.	0.4	0
38	Lack of association of brucellosis resistance with (GT) <sub>13</sub> 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. Veterinary Microbiology, 2005, 111, 139-143.	0.8	34
39	Molecular cloning and characterization of $\beta$ -defensin cDNA expressed in distal ileum of buffalo ( <i>Bubalus bubalis</i> ). DNA Sequence, 2005, 16, 16-20.	0.7	10
40	Expression of lysostaphin in milk of transgenic mice affects the growth of neonates. Transgenic Research, 2003, 12, 597-605.	1.3	8
41	Molecular Characterization of Lysozyme Type II Gene in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ): Evidence of Gene Duplication. Animal Biotechnology, 2003, 14, 7-12.	0.7	6
42	Kappa-casein polymorphisms in Indian dairy cattle and buffalo: A new genetic variant in buffalo. Animal Biotechnology, 1998, 9, 81-87.	0.7	39