

# Arindam Dhali

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

282  
citations

1040056

9  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tagatose as a Potential Nutraceutical: Production, Properties, Biological Roles, and Applications. <i>Journal of Food Science</i> , 2018, 83, 2699-2709.	3.1	56
2	Secretion Patterns of Growth Hormone in Growing Captive Mithuns ( <i>Bos frontalis</i> ). <i>Zoological Science</i> , 2004, 21, 1125-1129.	0.7	32
3	Production of Short Chain Fructo-oligosaccharides from Inulin of Chicory Root Using Fungal Endoinulinase. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 695-715.	2.9	28
4	An Efficient Nitroblue Tetrazolium Staining and Bright-Field Microscopy Based Method for Detecting and Quantifying Intracellular Reactive Oxygen Species in Oocytes, Cumulus Cells and Embryos. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 764.	3.7	24
5	Temporal expression of cumulus cell marker genes during in vitro maturation and oocyte developmental competence. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1493-1500.	2.5	23
6	Interleukin-7 improves in vitro maturation of ovine cumulus-oocyte complexes in a dose dependent manner. <i>Cytokine</i> , 2019, 113, 296-304.	3.2	16
7	IGF-1 treatment during in vitro maturation improves developmental potential of ovine oocytes through the regulation of PI3K/Akt and apoptosis signaling. <i>Animal Biotechnology</i> , 2020, 32, 1-8.	1.5	16
8	Development and Validation of a Simple, Sensitive, Second Antibody Format Enzyme Immunoassay (EIA) for LH Determination in Mithun ( <i>Bos Frontalis</i> ) Plasma. <i>Journal of Immunoassay and Immunochemistry</i> , 2005, 26, 157-167.	1.1	14
9	Vitrification of bovine oocytes: implications of follicular size and sire on the rates of embryonic development. <i>Journal of Assisted Reproduction and Genetics</i> , 2009, 26, 613-619.	2.5	13
10	Effect of tamarind seed husk supplementation on ruminal methanogenesis, methanogen diversity and fermentation characteristics. <i>Carbon Management</i> , 2017, 8, 319-329.	2.4	11
11	Influence of plasma estradiol 17- $\beta$ and progesterone levels on estrous behaviour in mithun ( <i>Bos</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	10
12	Methane mitigation potential of phyto-sources from Northeast India and their effect on rumen fermentation characteristics and protozoa in vitro. <i>Veterinary World</i> , 2018, 11, 809-818.	1.7	9
13	In Silico evaluation and identification of fungi capable of producing endo-inulinase enzyme. <i>PLoS ONE</i> , 2018, 13, e0200607.	2.5	9
14	Rumen methane amelioration in sheep using two selected tanniferous phyto-leaves. <i>Carbon Management</i> , 2019, 10, 299-308.	2.4	7
15	Seasonal variations in quality, preservability and fertilizing ability of ovine spermatozoa. <i>Biological Rhythm Research</i> , 2020, 51, 951-962.	0.9	3
16	In vitro assessment of antimicrobial efficacy of the D-tagatose and lactobacilli based synbiotic preparations against the pathogenic <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> . <i>International Journal of Food Science and Technology</i> , 2021, 56, 2156-2165.	2.7	3
17	Low oxygen tension activates glucose metabolism, improves antioxidant capacity and augment developmental potential of ovine embryos in vitro. <i>Animal Production Science</i> , 2020, 60, 503.	1.3	2
18	Interaction of apoptosis and pluripotency related transcripts for developmental potential of ovine embryos produced in vitro at different oxygen concentrations. <i>Animal Biotechnology</i> , 2020, 32, 1-9.	1.5	2

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19	Reduced cytochrome oxidase activity and increased protein tyrosine phosphorylation of mitochondria-rich fractions of buffalo ( <i>Bubalus bubalis</i> ) spermatozoa after a cycle of freezing and thawing. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1567.	0.4	2
20	Sexing of pre-implantation ovine embryos through polymerase chain reaction-based amplification of GAPDH, SRY and AMEL genes. <i>Reproduction in Domestic Animals</i> , 2020, 55, 885-892.	1.4	1
21	Value addition of cotton stalks through enzymatic production of xylooligosaccharides. <i>International Journal of Environment and Waste Management</i> , 2020, 25, 1.	0.3	1
22	In vitro production of desired sex ovine embryos modulating polarity of oocytes for sex-specific sperm binding during fertilization. <i>Scientific Reports</i> , 2022, 12, 5845.	3.3	0