Neelesh Sharma

List of Publications by Year
in descending order

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		331259	301761
46	1,608	21	39
papers	citations	h-index	g-index

46	46	46	2742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relationship of Somatic Cell Count and Mastitis: An Overview. Asian-Australasian Journal of Animal Sciences, 2011, 24, 429-438.	2.4	239
2	Nanoformulations of curcumin: an emerging paradigm for improved remedial application. Oncotarget, 2017, 8, 66680-66698.	0.8	216
3	Perspective of Membrane Technology in Dairy Industry: A Review. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1347-1358.	2.4	173
4	Oxidative Stress and Antioxidant Status during Transition Period in Dairy Cows. Asian-Australasian Journal of Animal Sciences, 2011, 24, 479-484.	2.4	113
5	Quality, functionality, and shelf life of fermented meat and meat products: A review. Critical Reviews in Food Science and Nutrition, 2017, 57, 2844-2856.	5.4	83
6	Anti-tumor activity of wogonin, an extract from Scutellaria baicalensis , through regulating different signaling pathways. Chinese Journal of Natural Medicines, 2017, 15, 15-40.	0.7	71
7	Bovine Mastitis: An Asian Perspective. Asian Journal of Animal and Veterinary Advances, 2012, 7, 454-476.	0.3	62
8	Emerging importance of dietary phytochemicals in fight against cancer: Role in targeting cancer stem cells. Critical Reviews in Food Science and Nutrition, 2017, 57, 3449-3463.	5.4	61
9	Evaluation of the Antioxidant, Anti-Inflammatory, and Anticancer Activities of Euphorbia hirta Ethanolic Extract. Molecules, 2014, 19, 14567-14581.	1.7	53
10	Prevalence, Etiology and Antibiogram of Microorganisms Associated with Sub-clinical Mastitis in Buffaloes in Durg, Chhattisgarh State (India). International Journal of Dairy Science, 2007, 2, 145-151.	0.4	42
11	In-vitro meat: a promising solution for sustainability of meat sector. Journal of Animal Science and Technology, 2021, 63, 693-724.	0.8	37
12	Stem Cell Research: A Novel Boulevard towards Improved Bovine Mastitis Management. International Journal of Biological Sciences, 2013, 9, 818-829.	2.6	36
13	Transformation of animal genomics by next-generation sequencing technologies: a decade of challenges and their impact on genetic architecture. Critical Reviews in Biotechnology, 2018, 38, 1157-1175.	5.1	33
14	The novel inhibitor BRM270 downregulates tumorigenesis by suppression of NF-Î¹B signaling cascade in MDR-induced stem like cancer-initiating cells. International Journal of Oncology, 2015, 46, 2573-2585.	1.4	32
15	Comparative transcriptomic analysis to identify differentially expressed genes in fat tissue of adult Berkshire and Jeju Native Pig using RNA-seq. Molecular Biology Reports, 2014, 41, 6305-6315.	1.0	29
16	Targeted inhibition of osteosarcoma tumor growth by bone marrowâ€derived mesenchymal stem cells expressing cytosine deaminase/5â€fluorocytosine in tumorâ€bearing mice. Journal of Gene Medicine, 2015, 17, 87-99.	1.4	28
17	Epigenetic induction of epithelial to mesenchymal transition by LCN2 mediates metastasis and tumorigenesis, which is abrogated by NF-Î¹B inhibitor BRM270 in a xenograft model of lung adenocarcinoma. International Journal of Oncology, 2016, 48, 84-98.	1.4	27
18	Comparative transcriptomic analysis by RNA-seq to discern differential expression of genes in liver and muscle tissues of adult Berkshire and Jeju Native Pig. Gene, 2014, 546, 233-242.	1.0	26

#	Article	IF	Citations
19	Wogonin suppresses stem cell-like traits of CD133 positive osteosarcoma cell via inhibiting matrix metallopeptidase-9 expression. BMC Complementary and Alternative Medicine, 2017, 17, 304.	3.7	26
20	Plasticized poly(vinylalcohol) and poly(vinylpyrrolidone) based patches with tunable mechanical properties for cardiac tissue engineering applications. Biotechnology and Bioengineering, 2021, 118, 2312-2325.	1.7	24
21	Phenotypic Characterization and Multivariate Analysis to Explain Body Conformation in Lesser Known Buffalo (Bubalus bubalis) from North India. Asian-Australasian Journal of Animal Sciences, 2015, 28, 311-317.	2.4	24
22	Evaluation of body growth and immunity-related differentially expressed genes through deep RNA sequencing in the piglets of Jeju native pig and Berkshire. Animal Genetics, 2015, 46, 255-264.	0.6	19
23	An Approach to Identify SNPs in the Gene Encoding Acetyl-CoA Acetyltransferase-2 (ACAT-2) and Their Proposed Role in Metabolic Processes in Pig. PLoS ONE, 2014, 9, e102432.	1.1	16
24	An integrated in silico approach for functional and structural impact of non- synonymous SNPs in the MYH1 gene in Jeju Native Pigs. BMC Genetics, 2016, 17, 35.	2.7	14
25	A PiggyBac mediated approach for lactoferricin gene transfer in bovine mammary epithelial stem cells for management of bovine mastitis. Oncotarget, 2017, 8, 104272-104285.	0.8	12
26	Status of bovine mastitis and associated risk factors in subtropical Jeju Island, South Korea. Tropical Animal Health and Production, 2013, 45, 1829-1832.	0.5	11
27	Aptamer-based diagnostic and therapeutic approaches in animals: Current potential and challenges. Saudi Journal of Biological Sciences, 2021, 28, 5081-5093.	1.8	9
28	Characterization and cardiac differentiation of chicken spermatogonial stem cells. Animal Reproduction Science, 2014, 151, 244-255.	0.5	8
29	Comparative Transcriptomic Analyses by RNA-seq to Elucidate Differentially Expressed Genes in the Muscle of Korean Thoroughbred Horses. Applied Biochemistry and Biotechnology, 2016, 180, 588-608.	1.4	8
30	Putative biomarkers for early detection of mastitis in cattle. Animal Production Science, 2020, 60, 1721.	0.6	8
31	Synthesis and evaluation of the antiproliferative efficacy of BRM270 phytocomposite nanoparticles against human hepatoma cancer cell lines. Materials Science and Engineering C, 2019, 97, 166-176.	3.8	7
32	The first comprehensive description of the expression profile of genes involved in differential body growth and the immune system of the Jeju Native Pig and miniature pig. Amino Acids, 2019, 51, 495-511.	1.2	7
33	An Integrated In Silico Approach for the Structural and Functional Exploration of Lipocalin 2 and its Functional Insights with Metalloproteinase 9 and Lipoprotein Receptor-Related Protein 2. Applied Biochemistry and Biotechnology, 2015, 176, 712-729.	1.4	6
34	Novel phyto-derivative BRM270 inhibits hepatocellular carcinoma cells proliferation by inducing G2/M phase cell cycle arrest and apoptosis in xenograft mice model. Biomedicine and Pharmacotherapy, 2017, 87, 741-754.	2.5	6
35	Differentiation dynamics of mammary epithelial stem cells from Korean holstein dairy cattle under ECM-free conditions. Journal of Biomolecular Structure and Dynamics, 2015, 33, 2633-2654.	2.0	5
36	Insights into phytase-containing transgenic Lemna minor (L.) as a novel feed additive. Transgenic Research, 2018, 27, 211-224.	1.3	5

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37	Training needs of dairy farmers. International Journal of Agriculture Environment and Biotechnology, 2017, 10, 245.	0.1	5
38	Foot and Mouth Disease-Mastitis Cascade in Dairy Cattle: A Field Study. International Journal of Zoological Research, 2007, 4, 64-67.	0.6	5
39	Establishment of a pheasant (Phasianus colchicus) spermatogonial stem cell line for the production of interspecies germ line chimeras. Electronic Journal of Biotechnology, 2014, 17, 211-216.	1.2	4
40	Isolation, Characterization and Differentiation Potential of Chicken Spermatogonial Stem Cell Derived Embryoid Bodies. Annals of Animal Science, 2016, 16, 115-128.	0.6	4
41	Molecular cloning of lipocalin-2 into a eukaryotic vector and its expression inbovine mammary epithelial cells as a potential treatment for bovine mastitis. Turkish Journal of Biology, 2016, 40, 55-68.	2.1	4
42	A novel approach for determination of chicken sexing at an early stage of development by using loop-mediated isothermal amplification method. Turkish Journal of Veterinary and Animal Sciences, 2015, 39, 583-588.	0.2	3
43	Differential expression patterns of myogenic regulatory factors in the postnatal longissimus dorsi muscle of Jeju Native Pig and Berkshire breeds along with their co-expression with Pax7. Electronic Journal of Biotechnology, 2021, 51, 8-16.	1.2	2
44	Prevalence of mastitis in cow heifers and associated risk factors in Himalayan region, India. Journal of Environmental Biology, 2020, 41, 796-802.	0.2	2
45	Effect on Alpha-Amylase Production by Employing Polyethylene Glycol at Different Concentrations in Medium. American Journal of Food Technology, 2011, 6, 289-297.	0.2	2
46	Efficacious rat model displays non-toxic effect with Korean beechwood creosote: a possible antibiotic substitute. Biotechnology and Biotechnological Equipment, 2014, 28, 447-454.	0.5	1