

Birbal Singh

List of Publications by Year in descending order

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54
papers

1,593
citations

567144

15
h-index

377752

34
g-index

59
all docs

59
docs citations

59
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesterol-Lowering Probiotics as Potential Biotherapeutics for Metabolic Diseases. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-14.	3.8	516
2	Potential Therapeutic Applications of Some Antinutritional Plant Secondary Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5579-5597.	2.4	190
3	Probiotic metabolites as epigenetic targets in the prevention of colon cancer. <i>Nutrition Reviews</i> , 2013, 71, 23-34.	2.6	125
4	Futuristic Non-antibiotic Therapies to Combat Antibiotic Resistance: A Review. <i>Frontiers in Microbiology</i> , 2021, 12, 609459.	1.5	93
5	Probiotic <i>Lactobacillus rhamnosus</i> GG and <i>Aloe vera</i> gel improve lipid profiles in hypercholesterolemic rats. <i>Nutrition</i> , 2013, 29, 574-579.	1.1	79
6	Designer Probiotics: Paving the Way to Living Therapeutics. <i>Trends in Biotechnology</i> , 2017, 35, 679-682.	4.9	67
7	Value Addition of Feed and Fodder by Alleviating the Antinutritional Effects of Tannins. <i>Agricultural Research</i> , 2013, 2, 189-206.	0.9	56
8	Bioengineered probiotics as a new hope for health and diseases: an overview of potential and prospects. <i>Future Microbiology</i> , 2016, 11, 585-600.	1.0	54
9	Purification and characterization of tannin acyl hydrolase from <i>Aspergillus niger</i> MTCC 2425. <i>Journal of Basic Microbiology</i> , 2003, 43, 449-461.	1.8	50
10	Metagenomics in animal gastrointestinal ecosystem: Potential biotechnological prospects. <i>Anaerobe</i> , 2008, 14, 138-144.	1.0	38
11	Mucormycosis in COVID-19 pandemic: Risk factors and linkages. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100057.	1.4	32
12	Nanomedicine in cancer stem cell therapy: from fringe to forefront. <i>Cell and Tissue Research</i> , 2018, 374, 427-438.	1.5	28
13	Therapeutic Effect of Probiotic Dahi on Plasma, Aortic, and Hepatic Lipid Profile of Hypercholesterolemic Rats. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2013, 18, 490-497.	1.0	26
14	Exploring the possible use of saponin adjuvants in COVID-19 vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2944-2953.	1.4	23
15	Gastrointestinal biotransformation of phytochemicals: Towards futuristic dietary therapeutics and functional foods. <i>Trends in Food Science and Technology</i> , 2020, 106, 64-77.	7.8	19
16	COVID-19, Neuropathology, and Aging: SARS-CoV-2 Neurological Infection, Mechanism, and Associated Complications. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 662786.	1.7	18
17	Isolation, culturing and characterization of feeder-independent amniotic fluid stem cells in buffalo (<i>Bubalus bubalis</i>). <i>Research in Veterinary Science</i> , 2012, 93, 743-748.	0.9	14
18	Targeting metabolic pathways proteins of <i>Orientia tsutsugamushi</i> using combined hierarchical approach to combat scrub typhus. <i>Journal of Molecular Recognition</i> , 2019, 32, e2766.	1.1	13

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19	Stem cells-derived <i>in vitro</i> meat: from petri dish to dinner plate. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2641-2654.	5.4	13
20	Milk composition, antioxidant activities and protein profile of <i>Gaddi</i> goat milk. <i>Journal of Food Biochemistry</i> , 2018, 42, e12660.	1.2	12
21	Bioinformatic Exploration of Metal-Binding Proteome of Zoonotic Pathogen <i>Orientia tsutsugamushi</i> . <i>Frontiers in Genetics</i> , 2019, 10, 797.	1.1	12
22	Exploiting Gastrointestinal Microbes for Livestock and Industrial Development - Review -. <i>Asian-Australasian Journal of Animal Sciences</i> , 2001, 14, 567-586.	2.4	12
23	Expression of Transcriptional Factor Genes (Oct-4, Nanog, and Sox-2) and Embryonic Stem Cell-Like Characters in Placental Membrane of Buffalo (<i>Bubalus bubalis</i>). <i>Journal of Membrane Biology</i> , 2012, 245, 177-183.	1.0	11
24	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. <i>Stem Cell Research and Therapy</i> , 2021, 12, 283.	2.4	11
25	In silico functional elucidation of uncharacterized proteins of <i>Chlamydia abortus</i> strain LLG. <i>Future Science OA</i> , 2017, 3, FSO169.	0.9	10
26	Non-alcoholic fatty liver disease: correlation with hyperuricemia in a European Mediterranean population. <i>Acta Clinica Belgica</i> , 2022, 77, 45-50.	0.5	7
27	The domesticated buffalo - An emerging model for experimental and therapeutic use of extraembryonic tissues. <i>Theriogenology</i> , 2020, 151, 95-102.	0.9	7
28	Pan-proteome profiling of emerging and re-emerging zoonotic pathogen <i>Orientia tsutsugamushi</i> for getting insight into microbial pathogenesis. <i>Microbial Pathogenesis</i> , 2021, 158, 105103.	1.3	7
29	Anaerobic Gut Fungi. , 2017, , 125-134.		5
30	Designer Probiotics: The Next-Gen High Efficiency Biotherapeutics. , 2019, , 71-79.		5
31	Antioxidative activity and protein profile of skim milk of <i>Gaddi</i> goats and hill cattle of North West Himalayan region. <i>Veterinary World</i> , 2019, 12, 1535-1539.	0.7	5
32	Isolation, Identification and Molecular Characterization of Tannase Producing <i>Klebsiella</i> sp., from the Rumen of Migratory Goats and Sheep. <i>Asian Journal of Animal and Veterinary Advances</i> , 2015, 10, 422-432.	0.3	5
33	Effect of VBC-1814/7], a poly-phyto compound, on a non-infectious model of pharyngitis. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 3075-3080.	0.8	4
34	PROBIOTIC APPROACHES FOR TARGETING INFLAMMATORY BOWEL DISEASE: AN UPDATE ON ADVANCES AND OPPORTUNITIES IN MANAGING THE DISEASE. <i>International Journal of Probiotics and Prebiotics</i> , 2016, 11, 99-116.	0.5	4
35	Nutraceuticals from Bioengineered Microorganisms. , 2019, , 59-69.		3
36	Steps Toward Sustainable Livestock Development: Technologies to Boost Indigenous Livestock. , 2019, , 485-499.		2

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37	<i>In Pursuit</i> of Porcine Pluripotent Stem Cells for Autologous Cell Therapy. Stem Cell Discovery, 2014, 04, 107-124.	0.5	2
38	Evaluation of immunological adjuvant activities of saponin rich fraction from the fruits of <i>Asparagus adscendens</i> Roxb. with less adverse reactions. Drug and Chemical Toxicology, 2023, 46, 557-565.	1.2	2
39	Bacillus cereus infection-associated pneumonia in an African grey parrot (Psittacus erithacus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	1
40	Metagenomic Insights into Herbivore Gut: An Application-Based Perspective. , 2017, , 201-215.		1
41	Transgenesis and Genetically Engineered Livestock as Live Bioreactors. , 2019, , 249-264.		1
42	Reproduction Advances in Buffaloes. , 2019, , 131-143.		1
43	Genome Sequencing Technologies in Livestock Health System. , 2019, , 339-348.		1
44	Microbial Resources from Wild and Captive Animals. , 2019, , 39-49.		1
45	Gut/Rumen Microbiomeâ€”A Livestock and Industrial Perspective. , 2019, , 17-29.		1
46	Protective Effect of a Fish Egg Homogenate Marine Compound on Arterial Ultrastructure in Spontaneous Hypertensive Rats. Rejuvenation Research, 2014, 17, 176-179.	0.9	0
47	Animal Stem Cellsâ€”A Perspective on Their Use in Human Health. , 2019, , 265-282.		0
48	Metagenomics for Utilizing Herbivore Gut Potential. , 2019, , 3-15.		0
49	Anaerobic Gut Fungiâ€”A Biotechnological Perspective. , 2019, , 31-38.		0
50	Next-Generation Sequencing Vis-Ã-Vis Veterinary Health Management. , 2019, , 463-470.		0
51	Transgenic Fish. , 2019, , 291-300.		0
52	Antihypertensive Activity of Fermented Milk Containing Various Aqueous Herbal Extracts. International Journal of Food Science and Agriculture, 2021, 5, 326-331.	0.1	0
53	Parthenogenesisâ€”A Potential Tool to Reproductive Biotechnology. , 2019, , 239-248.		0
54	Somatic cell nuclear transfer in cellular medicine and biopharming. , 2022, , 39-51.		0