

Sanjay Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

7,587
citations

43973

48
h-index

76769

74
g-index

214
all docs

214
docs citations

214
times ranked

7374
citing authors

#	ARTICLE	IF	CITATIONS
1	Chicken Gut Microbiota: Importance and Detection Technology. <i>Frontiers in Veterinary Science</i> , 2018, 5, 254.	0.9	274
2	Assessment of genetic diversity and plant growth promoting attributes of psychrotolerant bacteria allied with wheat (<i>Triticum aestivum</i>) from the northern hills zone of India. <i>Annals of Microbiology</i> , 2015, 65, 1885-1899.	1.1	245
3	Molecular diversity and multifarious plant growth promoting attributes of Bacilli associated with wheat (<i>Triticum aestivum</i> L.) rhizosphere from six diverse agro-ecological zones of India. <i>Journal of Basic Microbiology</i> , 2016, 56, 44-58.	1.8	229
4	An RNA isolation system for plant tissues rich in secondary metabolites. <i>BMC Research Notes</i> , 2011, 4, 85.	0.6	214
5	Expression of SOD and APX genes positively regulates secondary cell wall biosynthesis and promotes plant growth and yield in <i>Arabidopsis</i> under salt stress. <i>Plant Molecular Biology</i> , 2015, 87, 615-631.	2.0	183
6	Phenylalanine ammonia-lyase (PAL) and cinnamate 4-hydroxylase (C4H) and catechins (flavan-3-ols) accumulation in tea. <i>Functional and Integrative Genomics</i> , 2009, 9, 125-134.	1.4	161
7	Protein complex directs hemoglobin-to-hemozoin formation in <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5392-5397.	3.3	143
8	Magnesium ammonium phosphate formation, recovery and its application as valuable resources: a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 181-189.	1.6	141
9	Appraisal of diversity and functional attributes of thermotolerant wheat associated bacteria from the peninsular zone of India. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1882-1895.	1.8	134
10	Probiotics and Atopic Dermatitis: An Overview. <i>Frontiers in Microbiology</i> , 2016, 7, 507.	1.5	128
11	De novo sequencing and characterization of <i>Picrorhiza kurroa</i> transcriptome at two temperatures showed major transcriptome adjustments. <i>BMC Genomics</i> , 2012, 13, 126.	1.2	124
12	New aspects and strategies for methane mitigation from ruminants. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 31-44.	1.7	120
13	Purification and characterization of glutaminase-free l-asparaginase from <i>Pectobacterium carotovorum</i> MTCC 1428. <i>Bioresource Technology</i> , 2011, 102, 2077-2082.	4.8	113
14	Associative patterns among anaerobic fungi, methanogenic archaea, and bacterial communities in response to changes in diet and age in the rumen of dairy cows. <i>Frontiers in Microbiology</i> , 2015, 6, 781.	1.5	112
15	Effect of antibiotic withdrawal in feed on chicken gut microbial dynamics, immunity, growth performance and prevalence of foodborne pathogens. <i>PLoS ONE</i> , 2018, 13, e0192450.	1.1	112
16	Fuzzy time series forecasting method based on hesitant fuzzy sets. <i>Expert Systems With Applications</i> , 2016, 64, 557-568.	4.4	99
17	26S rRNA-based internal control gene primer pair for reverse transcription-polymerase chain reaction-based quantitative expression studies in diverse plant species. <i>Analytical Biochemistry</i> , 2004, 335, 330-333.	1.1	94
18	A comprehensive analysis of fifteen genes of steviol glycosides biosynthesis pathway in <i>Stevia rebaudiana</i> (Bertoni). <i>Gene</i> , 2012, 492, 276-284.	1.0	94

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19	Metagenomic assessment of the functional potential of the rumen microbiome in Holstein dairy cows. <i>Anaerobe</i> , 2016, 38, 50-60.	1.0	93
20	INTUITIONISTIC FUZZY SETS BASED METHOD FOR FUZZY TIME SERIES FORECASTING. <i>Cybernetics and Systems</i> , 2012, 43, 34-47.	1.6	90
21	Intuitionistic Fuzzy Time Series: An Approach for Handling Nondeterminism in Time Series Forecasting. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1270-1281.	6.5	86
22	Light and temperature regulated terpene biosynthesis: hepatoprotective monoterpene picoside accumulation in <i>Picrorhiza kurrooa</i> . <i>Functional and Integrative Genomics</i> , 2010, 10, 393-404.	1.4	85
23	Bacterial diversity associated with feeding dry forage at different dietary concentrations in the rumen contents of Mehshana buffalo (<i>Bubalus bubalis</i>) using 16S pyrotags. <i>Anaerobe</i> , 2014, 25, 31-41.	1.0	84
24	The basic and applied aspects of superoxide dismutase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 129-138.	1.8	80
25	Engineering a thermo-stable superoxide dismutase functional at sub-zero to >50°C, which also tolerates autoclaving. <i>Scientific Reports</i> , 2012, 2, 387.	1.6	79
26	An early gene of the flavonoid pathway, flavanone 3-hydroxylase, exhibits a positive relationship with the concentration of catechins in tea (<i>Camellia sinensis</i>). <i>Tree Physiology</i> , 2008, 28, 1349-1356.	1.4	78
27	p-Coumarate:CoA ligase as a key gene in the yield of catechins in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Functional and Integrative Genomics</i> , 2009, 9, 271-275.	1.4	76
28	Superoxide dismutase: an industrial perspective. <i>Critical Reviews in Biotechnology</i> , 2011, 31, 65-76.	5.1	76
29	Factors affecting rumen methanogens and methane mitigation strategies. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1557-1566.	1.7	75
30	Purification and partial characterization of a low temperature responsive Mn-SOD from tea (<i>Camellia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	73
31	Overexpression of <i>Camellia sinensis</i> Thaumatin-Like Protein, CsTLP in Potato Confers Enhanced Resistance to <i>Macrophomina phaseolina</i> and <i>Phytophthora infestans</i> Infection. <i>Molecular Biotechnology</i> , 2013, 54, 609-622.	1.3	71
32	A new anaerobic fungus (<i>Oontomyces anksri</i> gen. nov., sp. nov.) from the digestive tract of the Indian camel (<i>Camelus dromedarius</i>). <i>Fungal Biology</i> , 2015, 119, 731-737.	1.1	71
33	Bacterial Diversity Dynamics Associated with Different Diets and Different Primer Pairs in the Rumen of Kankrej Cattle. <i>PLoS ONE</i> , 2014, 9, e111710.	1.1	71
34	Partitions based computational method for high-order fuzzy time series forecasting. <i>Expert Systems With Applications</i> , 2012, 39, 12158-12164.	4.4	65
35	Transgenic Potato Plants Overexpressing SOD and APX Exhibit Enhanced Lignification and Starch Biosynthesis with Improved Salt Stress Tolerance. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 504-518.	1.0	65
36	Molecular regulation of catechins biosynthesis in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Gene</i> , 2012, 495, 205-210.	1.0	63

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37	D1/D2 Domain of Large-Subunit Ribosomal DNA for Differentiation of <i>Orpinomyces</i> spp. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6722-6725.	1.4	62
38	<i>Methanobrevibacter boviskoreani</i> sp. nov., isolated from the rumen of Korean native cattle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4196-4201.	0.8	61
39	Growth-Inhibitory Effect of Heparin on <i>Babesia</i> Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 236-241.	1.4	57
40	Recycle of electrolytically dissolved struvite as an alternative to enhance phosphate and nitrogen recovery from swine wastewater. <i>Journal of Hazardous Materials</i> , 2011, 195, 175-181.	6.5	53
41	RNA-seq-mediated transcriptome analysis of actively growing and winter dormant shoots identifies non-deciduous habit of evergreen tree tea during winters. <i>Scientific Reports</i> , 2014, 4, 5932.	1.6	52
42	Differential display-mediated identification of three drought-responsive expressed sequence tags in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Journal of Biosciences</i> , 2005, 30, 231-235.	0.5	51
43	An Improved Protocol for the Isolation of RNA from Roots of Tea (<i>Camellia sinensis</i> (L.) O. Kuntze). <i>Molecular Biotechnology</i> , 2012, 52, 82-88.	1.3	51
44	PROBABILISTIC AND INTUITIONISTIC FUZZY SETSâ€“BASED METHOD FOR FUZZY TIME SERIES FORECASTING. <i>Cybernetics and Systems</i> , 2014, 45, 349-361.	1.6	51
45	Molecular dissection of transcriptional reprogramming of steviol glycosides synthesis in leaf tissue during developmental phase transitions in <i>Stevia rebaudiana</i> Bert. <i>Scientific Reports</i> , 2017, 7, 11835.	1.6	51
46	Simulation of salt and water movement and estimation of water productivity of rice crop irrigated with saline water. <i>Paddy and Water Environment</i> , 2010, 8, 333-346.	1.0	50
47	Tea (<i>Camellia sinensis</i>) clones with shorter periods of winter dormancy exhibit lower accumulation of reactive oxygen species. <i>Tree Physiology</i> , 2007, 27, 1253-1259.	1.4	49
48	Expression of 3-hydroxy-3-methylglutaryl-CoA reductase, p-hydroxybenzoate-m-geranyltransferase and genes of phenylpropanoid pathway exhibits positive correlation with shikonins content in <i>arnebia</i> [<i>Arnebia euchroma</i> (Royle) Johnston]. <i>BMC Molecular Biology</i> , 2010, 11, 88.	3.0	49
49	Tea (<i>Camellia sinensis</i> (L.) O. Kuntze) clone with lower period of winter dormancy exhibits lesser cellular damage in response to low temperature. <i>Plant Physiology and Biochemistry</i> , 2005, 43, 383-388.	2.8	47
50	Microbial profiles, in vitro gas production and dry matter digestibility based on various ratios of roughage to concentrate. <i>Annals of Microbiology</i> , 2013, 63, 541-545.	1.1	47
51	Role of live microbial feed supplements with reference to anaerobic fungi in ruminant productivity: A review. <i>Journal of Integrative Agriculture</i> , 2015, 14, 550-560.	1.7	46
52	<i>In-vivo</i> Therapeutic Efficacy Trial with Artemisinin Derivative, Buparvaquone and Imidocarb Dipropionate against <i>Babesia equi</i> Infection in Donkeys. <i>Journal of Veterinary Medical Science</i> , 2003, 65, 1171-1177.	0.3	44
53	Dysbiosis of the Fecal Microbiota in Cattle Infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>PLoS ONE</i> , 2016, 11, e0160353.	1.1	44
54	Characterization of dihydroflavonol 4-reductase cDNA in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Plant Biotechnology Reports</i> , 2009, 3, 95-101.	0.9	43

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55	Differential display mediated cloning of anthocyanidin reductase gene from tea (<i>Camellia sinensis</i>) and its relationship with the concentration of epicatechins. <i>Tree Physiology</i> , 2009, 29, 837-846.	1.4	43
56	Lipoxygenase in <i>Caragana jubata</i> responds to low temperature, abscisic acid, methyl jasmonate and salicylic acid. <i>Gene</i> , 2011, 483, 49-53.	1.0	42
57	Particle swarm optimization and intuitionistic fuzzy set-based novel method for fuzzy time series forecasting. <i>Granular Computing</i> , 2022, 7, 285-303.	4.4	40
58	The Promoter of <i>AtUSP</i> Is Co-regulated by Phytohormones and Abiotic Stresses in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1957.	1.7	39
59	Complete genome sequence of <i>Pseudomonas frederiksbergensis</i> ERDD5:01 revealed genetic bases for survivability at high altitude ecosystem and bioprospection potential. <i>Genomics</i> , 2019, 111, 492-499.	1.3	38
60	Effect of altitude on the primary products of photosynthesis and the associated enzymes in barley and wheat. <i>Photosynthesis Research</i> , 2006, 88, 63-71.	1.6	37
61	Responses to winter dormancy, temperature, and plant hormones share gene networks. <i>Functional and Integrative Genomics</i> , 2011, 11, 659-664.	1.4	37
62	Complete genome sequence of <i>Arthrobacter</i> sp. ERGS1:01, a putative novel bacterium with prospective cold active industrial enzymes, isolated from East Rathong glacier in India. <i>Journal of Biotechnology</i> , 2015, 214, 139-140.	1.9	37
63	Fuzzy Time Series Model Based on Intuitionistic Fuzzy Sets for Empirical Research in Stock Market. <i>International Journal of Applied Evolutionary Computation</i> , 2012, 3, 71-84.	0.7	36
64	Transcriptome sequencing of rhizome tissue of <i>Sinopodophyllum hexandrum</i> at two temperatures. <i>BMC Genomics</i> , 2014, 15, 871.	1.2	35
65	<i>Arnebia euchroma</i> , a Plant Species of Cold Desert in the Himalayas, Harbors Beneficial Cultivable Endophytes in Roots and Leaves. <i>Frontiers in Microbiology</i> , 2021, 12, 696667.	1.5	35
66	Global Transcriptional Insights of Pollen-Pistil Interactions Commencing Self-Incompatibility and Fertilization in Tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>International Journal of Molecular Sciences</i> , 2019, 20, 539.	1.8	34
67	A Broad Temperature Active Lipase Purified From a Psychrotrophic Bacterium of Sikkim Himalaya With Potential Application in Detergent Formulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 642.	2.0	34
68	Genome Sequence of <i>Oscillibacter ruminantium</i> Strain GH1, Isolated from Rumen of Korean Native Cattle. <i>Journal of Bacteriology</i> , 2012, 194, 6362-6362.	1.0	33
69	Changes in methane emission, rumen fermentation in response to diet and microbial interactions. <i>Research in Veterinary Science</i> , 2013, 94, 263-268.	0.9	33
70	Development of an antibody-ELISA for seroprevalence of <i>Trypanosoma evansi</i> in equids of North and North-western regions of India. <i>Veterinary Parasitology</i> , 2013, 196, 251-257.	0.7	32
71	Metagenomic Evidence of the Prevalence and Distribution Patterns of Antimicrobial Resistance Genes in Dairy Agroecosystems. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 296-302.	0.8	32
72	Strategies for high-altitude adaptation revealed from high-quality draft genome of non-violacein producing <i>Janthinobacterium lividum</i> ERGS5:01. <i>Standards in Genomic Sciences</i> , 2018, 13, 11.	1.5	32

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73	Ectopic expression of SOD and APX genes in Arabidopsis alters metabolic pools and genes related to secondary cell wall cellulose biosynthesis and improve salt tolerance. <i>Molecular Biology Reports</i> , 2019, 46, 1985-2002.	1.0	32
74	Transcriptional profiling of contrasting genotypes revealed key candidates and nucleotide variations for drought dissection in <i>Camellia sinensis</i> (L.) O. Kuntze. <i>Scientific Reports</i> , 2019, 9, 7487.	1.6	32
75	A perspective on <i>Theileria equi</i> infections in donkeys. <i>Japanese Journal of Veterinary Research</i> , 2009, 56, 171-80.	0.7	32
76	Over-expression of superoxide dismutase exhibits lignification of vascular structures in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2010, 167, 757-760.	1.6	31
77	Induction of a new isozyme of superoxide dismutase at low temperature in <i>Potentilla astrisanguinea</i> Lodd. variety <i>argyrophylla</i> (Wall. ex. Lehm) Griens. <i>Journal of Plant Physiology</i> , 2001, 158, 1093-1097.	1.6	30
78	Isolation and characterization of methanogens from rumen of Murrah buffalo. <i>Annals of Microbiology</i> , 2012, 62, 345-350.	1.1	30
79	A COMPUTATIONAL METHOD FOR FUZZY TIME SERIES FORECASTING BASED ON DIFFERENCE PARAMETERS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2013, 04, 1250023.	0.9	30
80	Complete genome sequence of <i>Arthrobacter alpinus</i> ERGS4:06, a yellow pigmented bacterium tolerant to cold and radiations isolated from Sikkim Himalaya. <i>Journal of Biotechnology</i> , 2016, 220, 86-87.	1.9	30
81	Diverse culturable bacterial communities with cellulolytic potential revealed from pristine habitat in Indian trans-Himalaya. <i>Canadian Journal of Microbiology</i> , 2018, 64, 798-808.	0.8	30
82	Bioplastic reservoir of diverse bacterial communities revealed along altitude gradient of Pangi-Chamba trans-Himalayan region. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	30
83	Differential expression of Histone H3 gene in tea (<i>Camellia sinensis</i> (L.) O. Kuntze) suggests its role in growing tissue. <i>Molecular Biology Reports</i> , 2009, 36, 537-542.	1.0	29
84	A shared response of thaumatin like protein, chitinase, and late embryogenesis abundant protein3 to environmental stresses in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Functional and Integrative Genomics</i> , 2012, 12, 565-571.	1.4	29
85	Cloning and expression analysis of ten genes associated with picrosides biosynthesis in <i>Picrorhiza kurrooa</i> . <i>Gene</i> , 2013, 515, 320-328.	1.0	29
86	Spatial distribution, risk factors and haemato-biochemical alterations associated with <i>Theileria equi</i> infected equids of Punjab (India) diagnosed by indirect ELISA and nested PCR. <i>Acta Tropica</i> , 2016, 155, 104-112.	0.9	29
87	Copper, zinc superoxide dismutase of <i>Curcuma aromatica</i> is a kinetically stable protein. <i>Process Biochemistry</i> , 2014, 49, 1288-1296.	1.8	28
88	Bioprocess for co-production of polyhydroxybutyrate and violacein using Himalayan bacterium <i>iodobacter</i> sp. PCH194. <i>Bioresource Technology</i> , 2021, 319, 124235.	4.8	28
89	Early low-temperature responsive mitogen activated protein kinases RaMPK1 and RaMPK2 from <i>Rheum australe</i> D. Don respond differentially to diverse stresses. <i>Molecular Biology Reports</i> , 2010, 37, 933-938.	1.0	27
90	Characterization of gene expression of QM from <i>Caragana jubata</i> , a plant species that grows under extreme cold. <i>Molecular Biology Reports</i> , 2010, 37, 1003-1010.	1.0	27

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91	Biotechnological interventions for harnessing podophyllotoxin from plant and fungal species: current status, challenges, and opportunities for its commercialization. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 739-753.	5.1	27
92	Network design for groundwater level monitoring in Upper Bari Doab Canal tract, Punjab, India. <i>Irrigation and Drainage</i> , 2005, 54, 431-442.	0.8	26
93	Structure of a superoxide dismutase and implications for copper-ion chelation. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 892-901.	2.5	26
94	Expression of <i>Babesia equi</i> EMA-1 and EMA-2 during merozoite developmental stages in erythrocyte and their interaction with erythrocytic membrane skeleton. <i>Molecular and Biochemical Parasitology</i> , 2004, 133, 221-227.	0.5	25
95	Passive transfer of <i>Theileria equi</i> antibodies to neonate foals of immune tolerant mares. <i>Veterinary Parasitology</i> , 2008, 151, 80-85.	0.7	25
96	A fuzzy time series forecasting method induced by intuitionistic fuzzy sets. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2015, 06, 1550041.	0.9	25
97	Cloning and differential expression of QM like protein homologue from tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Molecular Biology Reports</i> , 2009, 36, 921-927.	1.0	24
98	Alpha-tubulin (CsTUA) up-regulated during winter dormancy is a low temperature inducible gene in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Molecular Biology Reports</i> , 2012, 39, 3485-3490.	1.0	24
99	Improved callus induction, shoot regeneration, and salt stress tolerance in <i>Arabidopsis</i> overexpressing superoxide dismutase from <i>Potentilla atrosanguinea</i> . <i>Protoplasma</i> , 2015, 252, 41-51.	1.0	24
100	Microbial polyhydroxyalkanoates from extreme niches: Bioprospection status, opportunities and challenges. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1255-1267.	3.6	24
101	2C-methyl- d- erythritol 2,4-cyclodiphosphate synthase from <i>Stevia rebaudiana</i> Bertoni is a functional gene. <i>Molecular Biology Reports</i> , 2012, 39, 10971-10978.	1.0	22
102	Multiplex PCR for detection of <i>Trypanosoma evansi</i> and <i>Theileria equi</i> in equids of Punjab, India. <i>Veterinary Parasitology</i> , 2015, 211, 293-299.	0.7	22
103	Transcriptome analysis of stem wood of <i>Nothapodytes nimmoniana</i> (Graham) Mabb. identifies genes associated with biosynthesis of camptothecin, an anti-carcinogenic molecule. <i>Journal of Biosciences</i> , 2016, 41, 119-131.	0.5	22
104	Standardisation and comparison of serial dilution and single dilution enzyme linked immunosorbent assay (ELISA) using different antigenic preparations of the <i>Babesia</i> (<i>Theileria</i>) <i>equi</i> parasite. <i>Veterinary Research</i> , 2003, 34, 71-83.	1.1	22
105	Effect of a bioactive product SEL001 from <i>Lactobacillus sakei</i> probio65 on gut microbiota and its anti-colitis effects in a TNBS-induced colitis mouse model. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 261-270.	1.8	21
106	Elevated CO ₂ and temperature influence key proteins and metabolites associated with photosynthesis, antioxidant and carbon metabolism in <i>Picrorhiza kurroa</i> . <i>Journal of Proteomics</i> , 2020, 219, 103755.	1.2	21
107	Genome Sequence of <i>Methanobrevibacter</i> sp. Strain JH1, Isolated from Rumen of Korean Native Cattle. <i>Genome Announcements</i> , 2013, 1, .	0.8	20
108	Braving the attitude of altitude: <i>Caragana jubata</i> at work in cold desert of Himalaya. <i>Scientific Reports</i> , 2013, 3, 1022.	1.6	19

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109	Use of Intuitionistic Fuzzy Time Series in Forecasting Enrollments to an Academic Institution. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 843-852.	0.5	19
110	Fuzzy time series forecasting based on hesitant fuzzy sets, particle swarm optimization and support vector machine-based hybrid method. <i>Granular Computing</i> , 2022, 7, 861-879.	4.4	19
111	Infectivity rate and transmission potential of <i>Hyalomma anatolicum anatolicum</i> ticks for <i>Babesia equi</i> infection. <i>Veterinary Parasitology</i> , 2007, 144, 338-343.	0.7	18
112	CsNAM-like protein encodes a nuclear localized protein and responds to varied cues in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Gene</i> , 2012, 502, 69-74.	1.0	18
113	Dehydrin2 is a stress-inducible, whereas Dehydrin1 is constitutively expressed but up-regulated gene under varied cues in tea [<i>Camellia sinensis</i> (L.) O. Kuntze]. <i>Molecular Biology Reports</i> , 2013, 40, 3859-3863.	1.0	18
114	The GATA and SORLIP motifs in the 3-hydroxy-3-methylglutaryl-CoA reductase promoter of <i>Picrorhiza kurroo</i> for the control of light-mediated expression. <i>Functional and Integrative Genomics</i> , 2014, 14, 191-203.	1.4	18
115	Genome Assembly of <i>Chryseobacterium polytrichastri</i> ERM1:04, a Psychrotolerant Bacterium with Cold Active Proteases, Isolated from East Rathong Glacier in India. <i>Genome Announcements</i> , 2015, 3, .	0.8	18
116	Effect of feeding different dietary levels of energy and protein on growth performance and immune status of Vanaraja chicken in the tropic. <i>Veterinary World</i> , 2016, 9, 893-899.	0.7	18
117	Enumeration of methanogens with a focus on fluorescence in situ hybridization. <i>Die Naturwissenschaften</i> , 2011, 98, 457-472.	0.6	17
118	Differentially expressed transcripts from leaf and root tissue of <i>Chlorophytum borivilianum</i> : A plant with high medicinal value. <i>Gene</i> , 2012, 511, 79-87.	1.0	17
119	Development of EMA-2 recombinant antigen based enzyme-linked immunosorbent assay for seroprevalence studies of <i>Theileria equi</i> infection in Indian equine population. <i>Veterinary Parasitology</i> , 2013, 198, 10-17.	0.7	17
120	Comparative genomics and physiological investigation supported safety, cold adaptation, efficient hydrolytic and plant growth-promoting potential of psychrotrophic <i>Glutamicibacter arilaitensis</i> LJH19, isolated from night-soil compost. <i>BMC Genomics</i> , 2021, 22, 307.	1.2	17
121	A comparison of rumen microbial profiles in dairy cows as retrieved by 454 Roche and Ion Torrent (PGM) sequencing platforms. <i>PeerJ</i> , 2016, 4, e1599.	0.9	17
122	Serodiagnosis of <i>Babesia equi</i> infection—a comparison of Dot-ELISA, complement fixation test and capillary tube agglutination test. <i>Veterinary Parasitology</i> , 1997, 69, 171-176.	0.7	16
123	Vaccination of donkeys against <i>Babesia equi</i> using killed merozoite immunogen. <i>Veterinary Parasitology</i> , 2002, 106, 19-33.	0.7	15
124	A stress-responsive late embryogenesis abundant protein 7 (CsLEA7) of tea [<i>Camellia sinensis</i> (L.) O. Kuntze] encodes for a chaperone that imparts tolerance to <i>Escherichia coli</i> against stresses. <i>Molecular Biology Reports</i> , 2014, 41, 7191-7200.	1.0	15
125	Impact estimation of animal trypanosomosis (surra) on livestock productivity in India using simulation model: Current and future perspective. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2017, 10, 1-12.	0.3	15
126	Intuitionistic Fuzzy Set-Based Computational Method for Financial Time Series Forecasting. <i>Fuzzy Information and Engineering</i> , 2018, 10, 307-323.	1.0	15

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127	Heterologous Expression of Key C and N Metabolic Enzymes Improves Re-assimilation of Photorespired CO ₂ and NH ₃ , and Growth. <i>Plant Physiology</i> , 2018, 177, 1396-1409.	2.3	15
128	A Computational Method of Forecasting Based on Intuitionistic Fuzzy Sets and Fuzzy Time Series. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 993-1000.	0.2	15
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