

# Sivakumar Uthandi

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

2,099  
citations

257450

24  
h-index

265206

42  
g-index

116  
all docs

116  
docs citations

116  
times ranked

2591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxa-specific changes in soil microbial community composition induced by pyrogenic carbon amendments. <i>Soil Biology and Biochemistry</i> , 2011, 43, 385-392.	8.8	323
2	The Complete Genome Sequence of <i>Haloferax volcanii</i> DS2, a Model Archaeon. <i>PLoS ONE</i> , 2010, 5, e9605.	2.5	234
3	LccA, an Archaeal Laccase Secreted as a Highly Stable Glycoprotein into the Extracellular Medium by <i>Haloferax volcanii</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 733-743.	3.1	117
4	Biochar production from microalgae cultivation through pyrolysis as a sustainable carbon sequestration and biorefinery approach. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2047-2055.	4.1	69
5	Determination and production of antimicrobial compounds by <i>Aspergillus clavatonanicus</i> strain MJ31, an endophytic fungus from <i>Mirabilis jalapa</i> L. using UPLC-ESI-MS/MS and TD-GC-MS analysis. <i>PLoS ONE</i> , 2017, 12, e0186234.	2.5	65
6	Optimized culture conditions for bacterial cellulose production by <i>Acetobacter senegalensis</i> MA1. <i>BMC Biotechnology</i> , 2020, 20, 46.	3.3	58
7	Bacterial Cellulose Nano Fiber (BCNF) as carrier support for the immobilization of probiotic, <i>Lactobacillus acidophilus</i> O16. <i>Carbohydrate Polymers</i> , 2020, 250, 116965.	10.2	54
8	Microbial lipid production from renewable and waste materials for second-generation biodiesel feedstock. <i>Environmental Technology Reviews</i> , 2015, 4, 1-16.	4.3	51
9	Delignification of corncob via combined hydrodynamic cavitation and enzymatic pretreatment: process optimization by response surface methodology. <i>Biotechnology for Biofuels</i> , 2018, 11, 203.	6.2	49
10	Optimization and scale-up of $\alpha$ -amylase production by <i>Aspergillus oryzae</i> using solid-state fermentation of edible oil cakes. <i>BMC Biotechnology</i> , 2021, 21, 33.	3.3	49
11	Development of co-immobilized tri-enzyme biocatalytic system for one-pot pretreatment of four different perennial lignocellulosic biomass and evaluation of their bioethanol production potential. <i>Bioresource Technology</i> , 2018, 269, 227-236.	9.6	48
12	Enhancement of disease resistance, growth potential, and photosynthesis in tomato ( <i>Solanum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 strain BPSAC147. <i>PLoS ONE</i> , 2019, 14, e0219014.	2.5	44
13	Elevated levels of laccase synthesis by <i>Pleurotus pulmonarius</i> BPSM10 and its potential as a dye decolorizing agent. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 464-468.	3.8	42
14	Plant Growth-Promoting <i>Bacillus</i> sp. Cahoots Moisture Stress Alleviation in Rice Genotypes by Triggering Antioxidant Defense System. <i>Microbiological Research</i> , 2020, 239, 126518.	5.3	40
15	Archaeal <i>JAB</i> 1/ <i>MPN</i> / <i>MOV</i> 34 metalloenzyme ( <i>HvJAMM</i> 1) cleaves ubiquitin-like small archaeal modifier proteins ( <i>SAMP</i> s) from protein-conjugates. <i>Molecular Microbiology</i> , 2012, 86, 971-987.	2.5	39
16	Comprehensive profiling of the VOCs of <i>Trichoderma longibrachiatum</i> EF5 while interacting with <i>Sclerotium rolfsii</i> and <i>Macrophomina phaseolina</i> . <i>Microbiological Research</i> , 2020, 236, 126436.	5.3	39
17	Microbial biodiesel production from lignocellulosic biomass: New insights and future challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2197-2225.	12.8	37
18	Arbuscular mycorrhizal fungi ( <i>Glomus intraradices</i> ) and diazotrophic bacterium ( <i>Rhizobium</i> BMBS) primed defense in blackgram against herbivorous insect ( <i>Spodoptera litura</i> ) infestation. <i>Microbiological Research</i> , 2020, 231, 126355.	5.3	36

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19	Archaeal Tuc1/Ncs6 Homolog Required for Wobble Uridine tRNA Thiolation Is Associated with Ubiquitin-Proteasome, Translation, and RNA Processing System Homologs. <i>PLoS ONE</i> , 2014, 9, e99104.	2.5	32
20	High Level Secretion of Laccase (LcCH) from a Newly Isolated White-Rot Basidiomycete, <i>Hexagonia hirta</i> MSF2. <i>Frontiers in Microbiology</i> , 2016, 7, 707.	3.5	31
21	Antimicrobial activity and spectroscopic characterization of surfactin class of lipopeptides from <i>Bacillus amyloliquefaciens</i> SR1. <i>Microbial Pathogenesis</i> , 2019, 128, 374-380.	2.9	31
22	Simultaneous lipid production for biodiesel feedstock and decontamination of sago processing wastewater using <i>Candida tropicalis</i> ASY2. <i>Biotechnology for Biofuels</i> , 2020, 13, 35.	6.2	31
23	Antagonistic and plant-growth promoting novel <i>Bacillus</i> species from long-term organic farming soils from Sikkim, India. <i>3 Biotech</i> , 2019, 9, 416.	2.2	30
24	A Novel Triculture System (CC3) for Simultaneous Enzyme Production and Hydrolysis of Common Grasses through Submerged Fermentation. <i>Frontiers in Microbiology</i> , 2016, 7, 447.	3.5	28
25	Mitigation of drought in rice by a phyllosphere bacterium <i>Bacillus altitudinis</i> FD48. <i>African Journal of Microbiology Research</i> , 2017, 11, 1614-1625.	0.4	28
26	Antagonistic fungal endophytes and their metabolite-mediated interactions against phytopathogens in rice. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101525.	2.5	27
27	Thermotolerant glycosyl hydrolases-producing <i>Bacillus aerius</i> CMCP51 and its saccharification efficiency on HCR-laccase (LcCH)-pretreated corncob biomass. <i>Biotechnology for Biofuels</i> , 2020, 13, 124.	6.2	26
28	Metabolites of <i>Trichoderma longibrachiatum</i> EF5 inhibits soil borne pathogen, <i>Macrophomina phaseolina</i> by triggering amino sugar metabolism. <i>Microbial Pathogenesis</i> , 2021, 150, 104714.	2.9	24
29	Evaluation of gastrointestinal bacterial population for the production of holocellulose enzymes for biomass deconstruction. <i>PLoS ONE</i> , 2017, 12, e0186355.	2.5	22
30	Mechanistic insight into protein modification and sulfur mobilization activities of noncanonical E1 and associated ubiquitin-like proteins of Archaea. <i>FEBS Journal</i> , 2016, 283, 3567-3586.	4.7	21
31	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2 activation. <i>Catalysis in Industry</i> , 2016, 8, 176-186.	0.7	20
32	Draft Genome Sequence of Plant Growth-Promoting and Drought-Tolerant <i>Bacillus altitudinis</i> FD48, Isolated from Rice Phylloplane. <i>Genome Announcements</i> , 2018, 6, .	0.8	17
33	Highly crystalline cotton spinning wastes utilization: Pretreatment, optimized hydrolysis and fermentation using <i>Pleurotus florida</i> for bioethanol production. <i>Fuel</i> , 2022, 308, 122052.	6.4	17
34	Antimicrobial Potential, Identification and Phylogenetic Affiliation of Wild Mushrooms from Two Sub-Tropical Semi-Evergreen Indian Forest Ecosystems. <i>PLoS ONE</i> , 2016, 11, e0166368.	2.5	16
35	Bacterial effectors mimicking ubiquitin-proteasome pathway tweak plant immunity. <i>Microbiological Research</i> , 2021, 250, 126810.	5.3	15
36	Integration of Heavy Metal Pollution Indices and Health Risk Assessment of Groundwater in Semi-arid Coastal Aquifers, South Africa. <i>Exposure and Health</i> , 2022, 14, 487-502.	4.9	15

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37	Hydrophobic carboxy-terminal residues dramatically reduce protein levels in the haloarchaeon <i>Haloflex volcanii</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 248-255.	1.8	14
38	Lovastatin production by an oleaginous fungus, <i>Aspergillus terreus</i> KPR12 using sago processing wastewater (SWW). <i>Microbial Cell Factories</i> , 2022, 21, 22.	4.0	14
39	Enhanced archaeal laccase production in recombinant <i>Escherichia coli</i> by modification of N-terminal propeptide and twin arginine translocation motifs. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1523-1532.	3.0	13
40	Bioconversion of sago processing wastewater into biodiesel: Optimization of lipid production by an oleaginous yeast, <i>Candida tropicalis</i> ASY2 and its transesterification process using response surface methodology. <i>Microbial Cell Factories</i> , 2021, 20, 167.	4.0	12
41	<i>Aspergillus caespitosus</i> ASEF14, an oleaginous fungus as a potential candidate for biodiesel production using sago processing wastewater (SWW). <i>Microbial Cell Factories</i> , 2021, 20, 179.	4.0	12
42	Protoplast Fusion in <i>Streptomyces</i> sp. for Increased Production of Laccase and Associated Ligninolytic Enzymes. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 563-568.	3.6	11
43	Bioprospecting thermophilic glycosyl hydrolases, from hot springs of Himachal Pradesh, for biomass valorization. <i>AMB Express</i> , 2018, 8, 168.	3.0	11
44	<i>Bacillus amyloliquefaciens</i> alters the diversity of volatile and non-volatile metabolites and induces the expression of defence genes for the management of Botrytis leaf blight of <i>Lilium</i> under protected conditions. <i>Journal of Plant Pathology</i> , 2020, 102, 1179-1189.	1.2	11
45	LACCASE PRODUCING STREPTOMYCES BIKINIENSIS CSC12 ISOLATED FROM COMPOST. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2016, 6, 794-798.	0.8	11
46	Calcite Dissolution by <i>Brevibacterium</i> sp. SOTI06: A Futuristic Approach for the Reclamation of Calcareous Sodic Soils. <i>Frontiers in Plant Science</i> , 2016, 7, 1828.	3.6	10
47	Loop-mediated isothermal amplification assay for the detection of <i>Plasmopara viticola</i> infecting grapes. <i>Journal of Phytopathology</i> , 2020, 168, 144-155.	1.0	10
48	Non-rhizobial endophytic (NRE) yeasts assist nodulation of <i>Rhizobium</i> in root nodules of blackgram ( <i>Vigna mungo</i> L.). <i>Archives of Microbiology</i> , 2020, 202, 2739-2749.	2.2	10
49	Superhydrophobic Coatings Based on Pseudoboehmite Nanoflakelets for Sustainable Photovoltaic Energy Production. <i>ACS Applied Nano Materials</i> , 2020, 3, 9899-9911.	5.0	9
50	Role of Actinomycete-Mediated Nanosystem in Agriculture. , 2016, , 233-247.		8
51	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 the biotechnological conversion of poly- and monosaccharides of biomass. <i>Catalysis in Industry</i> , 2017, 9, 270-276.	0.7	8
52	Rhizospheric volatilome in modulating induced systemic resistance against biotic stress: A new paradigm for future food security. <i>Physiological and Molecular Plant Pathology</i> , 2022, 120, 101852.	2.5	8
53	New methods for the one-pot processing of polysaccharide components (cellulose and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 approaches to the conversion of polysaccharides and monosaccharides into the valuable industrial chemicals. <i>Catalysis in Industry</i> , 2017, 9, 264-269.	0.7	6
54	Advances in the Xoo-rice pathosystem interaction and its exploitation in disease management. <i>Journal of Biosciences</i> , 2020, 45, 1.	1.1	6

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55	Characterization of biomass produced by <i>Candida tropicalis</i> ASY2 grown using sago processing wastewater for bioenergy applications and its fuel properties. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 1-14.	4.6	6
56	<i>Bacillus aryabhatai</i> TFG5-mediated synthesis of humic substances from coir pith wastes. <i>Microbial Cell Factories</i> , 2021, 20, 48.	4.0	5
57	Non-Rhizobial Nodule Associated Bacteria (NAB) From Blackgram ( <i>Vigna mungo</i> L.) and their possible role in plant growth promotion. <i>Madras Agricultural Journal</i> , 2019, 106, .	0.0	5
58	Co- inoculant response of plant growth promoting non-rhizobial endophytic yeast <i>Candida tropicalis</i> VYW1 and <i>Rhizobium</i> sp. VRE1 for enhanced plant nutrition, nodulation, growth and soil nutrient status in Mungbean ( <i>Vigna mungo</i> L.). <i>Symbiosis</i> , 2021, 83, 115-128.	2.3	4
59	Antifungal volatiles from medicinal herbs suppress <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> . <i>Journal of Entomology and Zoology Studies</i> , 2021, 9, 1083-1093.	0.2	4
60	Tyrosinase and laccase-producing <i>Bacillus aryabhatai</i> TFG5 and its role in the polymerization of phenols. <i>BMC Microbiology</i> , 2021, 21, 187.	3.3	4
61	Biomass Pretreatment via Hydrodynamic Cavitation Process. <i>Methods in Molecular Biology</i> , 2021, 2290, 23-29.	0.9	4
62	Oleaginous Yeast from Sago Waste Water: Screening and Characterization of <i>Candida tropicalis</i> for Biolipid Production. <i>Madras Agricultural Journal</i> , 2017, 104, 288.	0.0	4
63	Flagellin and elongation factor of <i>Bacillus velezensis</i> (VB7) reprogramme the immune response in tomato towards the management of GBNV infection. <i>Journal of Virological Methods</i> , 2022, 301, 114438.	2.1	4
64	Microbial mitigation of drought stress: Potential mechanisms and challenges. , 2021, , 185-201.		3
65	Inhibitory potential of ethyl acetate extract from mushrooms against root-knot nematode ( <i>Meloidogyne incognita</i> ). <i>Journal of Entomology and Zoology Studies</i> , 2021, 9, 528-534.	0.2	3
66	Antifungal activity of <i>Bacillus subtilis</i> subsp. <i>spizizenii</i> (MM19) for the management of <i>Alternaria</i> leaf blight of marigold. <i>Journal of Biological Control</i> , 2018, 32, 95-102.	0.2	3
67	High-level synthesis and secretion of laccase, a metalloenzyme biocatalyst, by the halophilic archaeon <i>Haloferax volcanii</i> . <i>Methods in Enzymology</i> , 2021, 659, 297-313.	1.0	3
68	Glycosyl hydrolase 11 ( <i>xynA</i> ) gene with xylanase activity from thermophilic bacteria isolated from thermal springs. <i>Microbial Cell Factories</i> , 2022, 21, 62.	4.0	3
69	Antifungal volatiles from macrobasidiomycetes inhibits <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> . <i>Madras Agricultural Journal</i> , 2021, 108, 1-4.	0.0	2
70	Evaluation of Jasmonic Acid Production by <i>Lasiodiplodia theobromae</i> under Submerged Fermentation. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2017, 6, 1635-1639.	0.1	2
71	Bacterial Cellulose Dissolution for High-Value Nano Fibre Application. <i>Madras Agricultural Journal</i> , 2019, 106, .	0.0	2
72	Isolation and Characterization of N <sub>2</sub> Fixing Anaerobic Bacteria from Paddy Ecosystem. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2017, 6, 1691-1700.	0.1	2

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73	Doubling of chromosomes of pearl millet napier hybrids and preliminary screening based on stomatal characteristics. <i>Electronic Journal of Plant Breeding</i> , 2019, 10, 47.	0.1	2
74	Xylanolytic Bacteria Isolated from Earthworm Casts and its Potentiality for Biomass Conversion. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	2
75	A sequel study on the occurrence of Tomato spotted wilt virus (TSWV) in cut-chrysanthemum by DAS-ELISA using recombinant nucleocapsid protein to produce polyclonal antiserum. <i>Journal of Virological Methods</i> , 2022, 300, 114410.	2.1	2
76	Optimization of combined lime and hydrodynamic cavitation for pretreatment of corncob biomass using response surface methodology for lignin removal. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 14433-14445.	4.6	2
77	Ascertaining gamma ray dosage sensitivity of in vitro cultures in banana cv. Ney Poovan (Musa AB). <i>Electronic Journal of Plant Breeding</i> , 2021, 12, .	0.1	1
78	Hydrodynamic Cavitation – A Promising Technology for Biomass Pretreatment. <i>International Journal of Environmental Sciences &amp; Natural Resources</i> , 2019, 19, .	0.1	1
79	Combo Catalytic Hydrothermal Pretreatment for Lignocellulosic Biomass Biofuels Production. <i>Madras Agricultural Journal</i> , 2017, 104, 269.	0.0	1
80	Comparison of Chemical Pretreatment for Recovery of Fermentable Sugars and Enzymatic Saccharification. <i>Madras Agricultural Journal</i> , 2017, 104, 273.	0.0	1
81	Rheology of Different Corncob Biomass Slurries for Hydrodynamic Cavitation Based Biomass Pretreatment Process. <i>Madras Agricultural Journal</i> , 2017, 104, 279.	0.0	1
82	Designing of rt-lamp primers and detection of sac brood virus from indian honey bee <i>Apis cerana indica</i> (F.). <i>Indian Journal of Entomology</i> , 2020, 82, 162.	0.1	1
83	Amylolytic Potential of Oleaginous Yeast in Sago Processing Wastewater (SWW) under Submerged Fermentation. <i>Current Journal of Applied Science and Technology</i> , 0, , 1-6.	0.3	1
84	Deciphering Thermostable Xylanases from Hotsprings: The Heritage of Himachal Pradesh for Efficient Biomass Deconstruction. <i>Madras Agricultural Journal</i> , 2017, 104, 282.	0.0	1
85	A Two-Step Catalytic Depolymerization of Alkali Treated <i>Pennisetum glaucum</i> L. and <i>Melia dubia</i> cav. into Low Molecular Weight (LMW) Aromatics. <i>Madras Agricultural Journal</i> , 2018, 105, .	0.0	1
86	Plant Growth Promotion of Rice as Influenced by <i>Ochrobactrum</i> sp. (MH685438) a Rhizospheric Bacteria Associated with <i>Oryzae sativa</i> . <i>International Journal of Current Microbiology and Applied Sciences</i> , 2019, 8, 901-909.	0.1	1
87	Phenotypic Characterization and Molecular Phylogenetic Relationship of <i>Erysiphe necator</i> Infecting Grapes ( <i>Vitis vinifera</i> ). <i>Current Journal of Applied Science and Technology</i> , 0, , 1-10.	0.3	1
88	Glycosyl Hydrolases Producing Bacterial Endophytes from Perennial Grass Species ( <i>Neyraudia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.0	1
89	Soil Bioavailability and Native Plant Uptake of Mercury in the Contaminated Sites at Kodaikanal, India. <i>International Research Journal of Pure and Applied Chemistry</i> , 0, , 100-111.	0.2	1
90	Physiological Adaptation and Plant Growth Promoting Functional Traits of <i>Bacillus altitudinis</i> FD48 under In vitro Osmotic Stress. <i>International Journal of Plant &amp; Soil Science</i> , 0, , 92-98.	0.2	1

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91	Release Kinetics of Iron (Fe) from Soil and Growing Media Mixtures: An Incubation Study. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 1334-1354.	1.4	1
92	Microbial behavior, responses toward salinity stress, mechanism of microbe-mediated remediation for sustainable crop production. , 2022, , 103-127.		1
93	Xylitol Production from Corncob Hydrolysate by an Engineered <i>Escherichia coli</i> M15 as Whole-Cell Biocatalysts. <i>Waste and Biomass Valorization</i> , 0, , .	3.4	1
94	Biological and molecular characterization of tomato spotted wilt virus (TSWV) infecting <i>Chrysanthemum</i> in India. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, 641-650.	1.4	0
95	Antimicrobial Metabolites from Ectomycorrhizal Fungus, <i>Pisolithus tinctorius</i> (Pers.) Coker against Soil Borne Plant Pathogens. <i>Madras Agricultural Journal</i> , 2021, 108, 1-5.	0.0	0
96	Vapour phase mediated suppression of carvone and citronellol volatiles against <i>Fusarium oxysporum</i> f.sp. <i>lycospercisi</i> . <i>Annals of Phytomedicine an International Journal</i> , 2021, 10, .	0.1	0
97	Evaluation of efficient transformation method for xylose reductase gene integration in <i>Pichia pastoris</i> GS115. <i>Madras Agricultural Journal</i> , 2021, 107, .	0.0	0
98	Molecular Diversity of Oleaginous Fungi in Irish Soil and Their Potential for Biodiesel Production. <i>Fungal Biology</i> , 2017, , 53-63.	0.6	0
99	Impact of Nitrogen Amendments on Soil Enzyme Dynamics under Simulated Wetland Ecosystem. <i>International Journal of Plant &amp; Soil Science</i> , 0, , 1-10.	0.2	0
100	Study on Melanized Shrimp Reveals <i>Bacillus</i> sp and <i>Acinetobacter</i> sp as Potential Sources for Bacterial Tyrosinase. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2019, 8, 1430-1438.	0.1	0
101	Endo-Glucanase Producing Thermophilic <i>Bacillus subtilis</i> : Gene Isolation and Structure Function Prediction. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
102	Non-rhizobial Root Nodule Endophytic Yeast, <i>Candida tropicalis</i> VYW1 Impacts Germination, Nodulation behavior and Metabolic flux in Blackgram ( <i>Vignamungo</i> L.). <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
103	Screening and Development of Effective Mutants of <i>Fusarium fujikuroi</i> for enhanced Gibberellic Acid Production. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
104	Characterization of Novel Cellulosome Complex of <i>Clostridium cellulovorans</i> TCW from Coffee Pulp Waste. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
105	Microbial biodiesel production: novel method of utilizing sago wastewater for lipid production using oleaginous yeast, <i>Candida tropicalis</i> ASY1. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
106	Mining Xylose Isomerase Producing Microbes. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
107	Sustainable Utilization of Tropical Plant Biomass for Bioproducts, Biocatalysts and Biorefinery. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0
108	Delignification of Corncob using Catalytic Hydrodynamic Cavitation Reactor. <i>Madras Agricultural Journal</i> , 2020, 107, .	0.0	0

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109	Impact of Moisture Stress and Bacillus altitudinis FD48 on Physiological Modulation and Seed Germination in Rice ( <i>Oryza sativa</i> L.). Madras Agricultural Journal, 2020, 107, .	0.0	0
110	Impact of Spodoptera litura Attack on Chlorophyll and Biomass Content of Vigna mungo Colonized with Arbuscular Mycorrhizal Fungi and Rhizobium. Madras Agricultural Journal, 2020, 107, .	0.0	0
111	Zinc (Zn) and Iron (Fe) Fertilization for Improving the Antioxidant Enzyme Activity and Biochemical Constituents in Capsicum Hybrids. International Journal of Plant & Soil Science, 0, , 251-261.	0.2	0
112	Bioactive Metabolites of Nodule Associated Microbes for Enhanced Drought Tolerance and Biocontrol Control Activity in Horsegram. International Journal of Plant & Soil Science, 0, , 216-227.	0.2	0