आईएसएसएन / ISSN : 0970-4906

सेरिडॉक
Seridoc

खंड/Vol. 37 (1-2): 2021

केंद्रीय रेशम उत्पादन अनुसन्धान एवं प्रशिक्षण संस्थान
CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE
केंद्रीय रेशम बोर्ड, (वस्त्र मंत्रालय, भारत सरकार)
Central Silk Board, (Ministry of Textiles, Govt. of India)
श्रीरामपुर, मानंदवाड़ी रोड, मैसूरु - 570008
Srirampura, Manandavadi Road, Mysuru -570008

2021

खंड/Vol. 37(1-2) : 2021 आईएसएसएन / ISSN : 0970-4906

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Seridoc

(अर्ध वार्षिक)

(Half - Yearly)

प्रकाशक/Published by
डॉ.एस.गांधी दास /Dr.S.Gandhi Doss
निदेशक
DIRECTOR

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रेशम उत्पादन अनुसन्धान पर अर्धवार्षिक प्रलेखन
Half yearly Documentation on Sericultural Research

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Journals Covered

1. 3 Biotech
2. International E-Seminar entitled Issues and Challenges on Agricultural and Aquatic sectors along with human health in the present scenario of COVID-19, 7- 8 September, 2020
3. International e-conference on Advances in microbial Biotechnology and Biotherapeutics, Department of Microbiology, Osmania University, Hyderabad 10- 12 September, 2020
4. International web conference Perspective on Agricultural and Applied Science in Covid-19 Scenarioa 4 - 6, October, 2020
5. International E-Conference on Multidisciplinary approaches for plant disease management in achieving sustainability in agriculture, University of Horticultural Sciences, Bagalkot, India, 6-9 October, 2020
6. International E-Conference on Advances and Future Outlook in Biotchnology and Crop Improvement for Sustainable productivity, University of Horticultural Sciences, Bagalkot, India 24 -27 November, 2020
7. The Young Scientists Conference, Indian International Science fest 2020, 22- 2 December, 2020
8. Proceedings of the 2nd International Conference on Computational and Bio Engineering 28th September, 2021
9. International Conference on Intelligent Systems Design and Application

A

1. ACADEMICIA: An International Multidisciplinary Research Journal
2. ACS OMEGA
3. Acta Crystallographic Section -F
4. Acta Entomologica Sinica
5. Acta Pharamacologica Sinica
6. Advances in Materials Science and Engineering
7. Advances in Traditional Medicine
8. Agricultural Science Diest : A Research Journal
9. Animal Genetics
10. Applied Biological Research
11. Applied Microbiology and Biotechnology
12. Aquaculture Nutrition
13. Aquaculture Research
14. Archives of Insect Biochemistry and Physiology
15. Archives of Microbiology
16. ASC Applied Energy Materials
17. ASC Applied Materials and Interfaces
18. ASC Biomaterials Science and Engineering
19. ASC Sustainable Chemistry and Engineering

B

20. Biomed Research International
21. Biochemicals Genetics
22. Biologia
23. Biomass Conversion and Biorefinery
24. Bioprocess and Biosystems Engineering
25. BMC Biology
26. BMC Biotechnology
27. BMC Chemistry

28. BMC Complementary Medicine and Therapies
29. BMC Genomics
30. BMC Research Notes
31. BMC Veterinary Research
32. Bulletin of the National Research Centre

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33. Cell Biology International
34. Chemistry and Biodiversity
35. Chemistry of Natural Compounds
36. Chemosphere
37. Comparative Biochemistry and Physiology –Part B
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40. Development Genes and Evolution
41. Developmental and Comparative Immunology
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43. Electronic Journal of Plant Breeding
44. Entomologia Experimentalis et applicata
45. Entomological Research
46. Environmental Chemistry Letters
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52. Fibers and Polymers
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61. Genesis : the Journal of Genetics and Development

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63. Indian Journal of Agricultural Marketing
64. Indian Journal of Animal Research
65. Indian Journal of Economics and Development
66. Indian Journal of Entomology
67. Indian Journal of Microbiology
68. Indian Phytopathology
69. Indian Silk
70. Insect Biochemistry and Molecular Biology

71. Insect Molecular Biology
72. International Journal of Agriculture, Environment and Biotechnology
73. International Journal of Biological Macromolecules
74. International Journal of Chemical Studies
75. International Journal of Current Microbiology Applied Sciences
76. International Journal of Food Science and Technology
77. International Journal of Genetics
78. International Journal of Industrial Entomolog
79. International Journal of Minerals, Metallurgy and Material
80. International Journal of Molecular Sciences
81. International Journal of Research in Applied, Natural and Social Sciences
82. International Journal of Tropical Insect Science
83. Iranian Journal of Science and Technology, Transactions A: Science

J

84. Journal of Agricultural and Food chemistry
85. Journal of Applied Spectroscopy
86. Journal of Bioactive and Compatible Polymers
87. Journal of Cellular Biochemistry
88. Journal of Community Mobilization and Sustainable Development
89. Journal of Comparative Physiology - B
90. Journal of Eco-Friendly Agriculture
91. Journal of Ethnopharmacology
92. Journal of Entomological Research
93. Journal of Entomology and Zoology Studies
94. Journal of Experimntal Zoology, Inida
95. Journal of Food Processing and Preservation
96. Journal of Food Quality
97. Jouranl of Forestry Research
98. Journal of Genetic Engineering and Biotechology

99. Journal of Insect Biotechnology and Sericology
100. Journal of Invertebrate Pathology
101. Journal of Material Chemistry - B
102. Journal of Material Science: Materials in Medicine
103. Journal of Mycology and Plant Pathology
104. Journal of Nanobiotechnology
105. Journal of Pest Science
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108. Journal ofProgressive Agriculture
109. Journal of Proteomics
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123. Oxidative Medicine and Cellular Longevity

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124. Parasites and Vectors
125. Parasitology Research
126. Polymer Journal
127. Physiological Entomology
128. Plos Genetics
129. Plos One

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130. Research on Crops
131. Research Journal of Pharmacy and Technology
132. Russian Journal of Plant Physiology

S

133. Scientific Reports
134. Sericologia

T

135. Textile Research Journal
136. The Journal of Antibiotics
137. The Journal of Organic Chemistry
138. The Journal of Silk Science and Technology of Japan
139. The Protein Journal
140. The Science of Nature

V

141. Veterinary Research
142. Virus Genes

1. HOST PLANT

1. 1. Host Plant Agronomy

001

Atiyah AA and Naji AA (2021)

(Horticulture and Landscape Gardening Department Faculty of Agriculture, University of Kufa, Najaf, Iraq)

Evaluation of fertilizers effect on the maACO1gene expressions in mulberry (*Morus alba*) transplants

Research on Crops 22(1):231-238 (English)

002

Azad G, Ramegowda GK and Irfan I (2021)

(Bivoltine Silkworm Breeding Laboratory, CSRTI, Central Silk Board, Srirampura, Mysuru-570008, Karnataka, India)

Genetic appraisal of frost damage in mulberry germplasm accessions in temperate climate of Jammu and Kashmir, India

Electronic Journal of Plant Breeding 12(1):104-108 (English)

003

Chowdary NB and Srinivasa C (2021)

(BSMTC, Sundargarh, Basic Tasar Silkworm Seed Organisation, Odisha)

Conceptualizing disease free nursery for sustainable tasar cultivation

Indian Silk 12(3):18-19 (English)

004

Dhahira Beevi N and Devamani M (2020)

(RSRS, Central Silk Board, Salem, Tamil Nadu, India)

Soil fertility status of five major mulberry cultivated districts in Tamil Nadu

International Journal of Advanced Research 8(6):1-5 (English)

005

Gul AS, Naveed F, Ali M, Ahmad R and Saqib M (2021)

(Department of Horticulture, Bahauddin Zakariya University, Multan, Pakistan)

Effect of Different Waste water Irrigation Regimes on Growth of Mulberry (*Morus macroura* Miq.)

Erwerbs-Obstbau 63(3):331-337 (English)

006

Lalitha N and Borpuzari P (2021)

(Eri Basic Seed Farm, Topatoli, Assam)

Maintenance of eri silkworm host plants

Indian Silk 12(3):22-24 (English)

007

Li P, Minghong Y, Zhouhe D, Lu YX, Zuo CY, Zhao M, Wang HL, Yan X and Chen C (2021)

(College of Animal Science, Guizhou University, Guiyang, China)

Effects of N Fertilization during Cultivation and *Lactobacillus plantarum* Inoculation at Ensiling on Chemical Composition and Bacterial Community of Mulberry Silage

Frontiers in Microbiology 12:Article number735767 (English)

008

Mahimasanthi A, Rajaram S and Sivaprasad V (2021)

(Research Extension Center, Samayanallur, RSRS Salem, CSRTI Mysore)

Integrated drought management technologies and mulberry sericulture

Indian Silk 11(5):4-7 (English)

009

Singh NS, Vanlalruati MC, Sanjay Kumar K and Kant Tripathi (2021)

(Department of Forestry, Mizoram University, Aizawl 796004, Mizoram, India)

Soil and mulberry leaf quality affects silkworm cocoon production in Mizoram

Indian Journal of Entomology 83(3):376-379 (English)

010

Sobhana V, Sen S, Reddy MM, Sudhakar P, Dhahira Beevi N, Vijaya Naidu B, Ravindra, Babu CM, Sivaprasad V and Babulal (2021)

(Central Sericultural Research and Training Institute, Mysuru, 570 008, Karnataka, India)

Digitalized soil health card and soil fertility management in mulberry gardens

Indian Silk 12(1):8-11 (English)

011

Sudhakar P, Kiran Kumar KP, Vijaya Naidu B and Babulal (2021)

(RSRS, Central Silk Board, Anantapur, Andhra Pradesh)

Tree mulberry the future of Tropical Sericulture farming

Biotica Research Today 3(5):297-302 (English)

012

Sudhakar P, Sobhana V, Swamy Gowda MR, Sibayan Sen, Sneha MV and Sivaprasad V (2020)

(RSRS, Central Silk Board, Anantapur, Andhra Pradesh)

Soil fertility assessment of mulberry soils and suitable amelioration for sustainable quality leaf and cocoon production in Karnataka

Research Biotica 2(1):1-3 (English)

013

Zhang XL, Teng ZY, Zhang H, Cai DJ, Zhang JY, Meng F and Guangyu S (2021)

(Key Laboratory of Saline-Alkali Vegetation Ecology Restoration (Northeast Forestry University), Ministry of Education, Harbin, 150040, People's Republic of China)

Nitrogen application and intercropping change microbial community diversity and physicochemical characteristics in mulberry and alfalfa rhizosphere soil

Journal of Forestry Research 32(5):2121-2133 (English)

1. 2. Host Plant Physiology and Biochemistry

014

Bajwa GA, Umair M, Nawab Y and Rizwan Z (2021)

(Pakistan Forest Institute, Peshawar, 25130, Pakistan)

Morphometry of leaf and shoot variables to assess above ground biomass structure and carbon sequestration by different varieties of white mulberry (*Morus alba* L.)

Journal of Forestry Research 32(6):2291-2300 (English)

015

Chadathorn I, Yusakul G, Jukrapur K, Kitisripanya T, Kittisak L, Sritularak B and Putalun W (2021)

(Faculty of Pharmaceutical Sciences, Khon Kaen University, Khon Kaen, 40002, Thailand)

Improvement of stilbene production by mulberry *Morus alba* root culture via precursor feeding and co-elicitation

Bioprocess and Biosystems Engineering 44(4) :653-660 (English)

016

Deepa KB, Fathima Sadatulla, Vishaka GV, Divyashree HJ, Nithya BN and Nithinkumar DM (2020)

(Department of Sericulture, UAS, GKVK, Bangalore)

Effect of amino acid formulation as foliar spray on growth and yield of V1 mulberry variety

International Journal of Chemical Studies 8(4) :236-238 (English)

017

Divyashree HJ, Chandrashekhar S, Deepa KB and Vishaka GV (2020)

(Department of Sericulture, UAS, GKVK, Bangalore)

Evaluation of moisture percentage of mulberry based silages

Journal of Pharmacognosy and Phytochemistry 9(4) :729-730 (English)

018

Eun JG, Ryu BR, Ryu SJ, Kim HB, Lee HT, Kwon JW, Baek JS and Lim JD (2021)

(Department of Bio-Health Convergence, Kangwon National University, Chuncheon 24341, Korea)

An Enhanced Water Solubility and Stability of Anthocyanins in Mulberry Processed with Hot Melt Extrusion

International Journal of Molecular Sciences 22(22) :12377 (English)

019

Esther GM, Roriz CL, Heleno SA, Ricardo C, Dias MI, Pinela J, Noelia RC, Maria EG, Ferreira IC and Barros L (2021)

(Centro de Investigaçao de Montanha (CIMO), Instituto Politécnico de Bragança, Campus Santa Apolónia, 5300-253 Bragança, Portugal)

Valorisation of black mulberry and grape seeds Chemical characterization and bioactive potential

Food Chemistry 337:Article number:127998 (English)

020

Gan TT, Lin Z, Bao LJ, Hui T, Cui XP, Huang Y, Wang H, Chao S, Jiao F, Zhang M and Qian Y (2021)

(The Sericultural and Silk Research Institute, College of Animal Science and Technology, Northwest A F University, Yangling 712100, China)

Comparative Proteomic Analysis of Tolerant and Sensitive Varieties Reveals That Phenylpropanoid Biosynthesis Contributes to Salt Tolerance in Mulberry

International Journal of Molecular Sciences 22(17) :9402 (English)

021

Hu TG, Zou YX, Li EN, Liao ST, Wu H and Peng W (2021)

(School of Food Science and Engineering, South China University of Technology/Guangdong Province Key Laboratory for Green Processing of Natural Products and Product Safety, China)

Effects of enzymatic hydrolysis on the structural, rheological, and functional properties of mulberry leaf polysaccharide

Food Chemistry :Article number :355129608 (English)

022

Jiang YB, Jiang S, Huang R, Wang M, Cao H and Li ZB (2021)

(The Sericulture Research Institute of Human Province, Changsha 410127, People's Republic of China)

Accumulation of Cd by three forage mulberry (*Morus atropurpurea* Roxb.) cultivars in heavy metal-polluted farmland a field experiment

Environmental Science and Pollution Research 28(3) :3354-3360 (English)

023

Jyoty A, Rubia B, Hussain SR and Kritika S (2021)

(Sher-e-Kashmir University of Agricultual Science and Technology of Jammu, Chatha-180 009, Jammu and Kashmir, India)

Phytomorphology and nutrient dynamics of mulberry leaf

Agricultural Science Digest A Research Jounral 41(2) :265-273 (English)

024

Kim HB, Yong KH, Ju WT, Jo YY and Kim YS (2021)

(Sericultural and Apicultural Materials Division, National Institute of Agricultural Sciences, RDA)

Nutrient compositions of Korean mulberry fruits (*Morus* sp.) dried with low temperature vacuum dryer using microwave

International Journal of Industrial Entomology 42(1) :14-20 (English)

025

Manjappa Yadav H, Surendranath B, Prabhu DIG, Baig MM and Sathyanarayana K (2021)

(Central Tasar Research and Training Institute, Piska Nagri, Ranchi, Jharkhand, India)

Evaluation of leaf nutritional quality of tasar silkworm food pant hybrids of *Terminalia arjuna* and T. *tomentosa*

Sericologia 61(3-4) :114-120 (English)

026

Mech A, Chodhury KK and Bora DS (2021)

(Department of Life Sciences, Dibrugarh University, Dibrugarh, Assam, India)

Lipoxygenase - trypsin inhibitor activity axis induction in the host plants of muga silkworm, *Antheraea assamensis* Helfer by feeding

Entomological Research 51(10) :509-517 (English)

027

Park CH, Park YE, Yeo HJ, Yoon JS, Park SY and Kim JK (2021)

(Department of Crop Science, Chungnam National University, 99 Daehak-ro, Yuseong-gu, Daejeon 34134, Republic of Korea)

Comparative Analysis of Secondary Metabolites and Metabolic Profiling between Diploid and Tetraploid *Morus alba* L.

Journal of Agricultural and Food Chemistry 69(4) :1300-1307 (English)

028

Rao LY, Li S and Cui X (2021)

(College of Soil and Water Conservation, Beijing Forestry University, Beijing, 100083, China)

Leaf morphology and chlorophyll fluorescence characteristics of mulberry seedlings under waterlogging stress

Scientific Reports 11:Article number:13379 (English)

029

Sathyanarayana K and Sangannavar PA (2021)

(Central Silk Board, Government. of India, BTM Layout, Bengaluru-560 068)

Genotype x Environment interaction and stability analysis for leaf yield of mulberry (*Morus alba* L.) under alkali affected soils

Electronic Journal of Plant Breeding 12(2) :435-443 (English)

030

Sun CZ, Shan YW, Tang X, Han D, Wu X, Wu H and Marzieh H (2021)

(Department of Food Science and Engineering, Jinan University, Guangzhou, China)

Effects of enzymatic hydrolysis on physicochemical property and antioxidant activity of mulberry (*Morus atropurpurea* Roxb.) leaf protein

Food Science and Nutrition 9(10) :5379-5390 (English)

031

Takasu S, Parida IS, Kojima Y, Kimura T and Nakagawa K (2021)

(Food and Biodynamic Chemistry Laboratory, Graduate School of Agricultural Science, Tohoku University, Sendai, Japan)

Evaluation and development of a novel pre-treatment method for mulberry leaves to enhance their bioactivity via enzymatic degradation of GAL-DNJ to DNJ

Food and Function 12(24) :12250-12255 (English)

032

Thanga Roja K, Murugesh KA and Shanmugam R (2021)

(Department of Sericulture, Forest College and Research Institute, Tamil Nadu Agricultural University, Mettupalayam)

Effect of bio formulations on qualitative and quantitative traits of mulberry (*Morus* sp.) under different seasons

Madras Agricultural Journal 108(7-9) :383-388 (English)

033

Wang L and Gengsheng J (2021)

(College of Biotechnology, Jiangsu University of Science and Technology, Zhenjiang, Jiangsu, China)

Glutathione and calcium biomineralization of mulberry (*Morus alba* L.) involved in the heavy metal detoxification of lead-contaminated soil

Journal of Soil Science and Plant Nutrition 21(2) :1182-1190 (English)

034

Wang X, Cao XX, Liu H, Guo L, Lin Y, Liu XJ, Xiong Y, Ni KK and Yang F (2021)

(College of Grassland Science and Technology, China Agricultural University, Beijing, China)

Effects of Lactic Acid Bacteria on Microbial Metabolic Functions of Paper Mulberry Silage A BIOLOG ECO Microplates Approach

Frontiers in Microbiology 12:Article number:689174 (English)

035

Wang ZJ, Tang C, Xiao GS, Dai F, Lin S and Luo G (2021)

(Sericulture Agri-Food Research Institute, Guangdong Academy of Agricultural Sciences, Guangzhou, China)

Comparison of free and bound phenolic compositions and antioxidant activities of leaves from different mulberry varieties

BMC Chemistry 15:Article Number :15 (English)

036

Yang L, Gao H, Meng L, Fu XP, Du XQ, Wu D and Huang L (2021)

(College of Animal Sciences, Zhejiang University, Hangzhou 310058, PR China)

Nondestructive measurement of pectin polysaccharides using hyperspectral imaging in mulberry fruit

Food Chemistry 334:Article number:127614 (English)

037

Yang L, Meng L, Gao H, Wang J, Zhao C, Guo M, Yong H and Huang LX (2021)

(College of Animal Sciences, Zhejiang University, Hangzhou 310058, PR China)

Building a stable and accurate model for heavy metal detection in mulberry leaves based on a proposed analysis framework and laser-induced breakdown spectroscopy

Food Chemistry 338:Article number:127886 (English)

038

Zhang L, Zhou Y, Meng J and Li J (2021)

(Taishan University, Taian, China)

Disperse Solid-Phase Extraction Cleanup for the Determination of 1-Deoxynojirimycin in Mulberry Leaves with Ultraperformance Liquid Chromatography-Tandem Mass Spectrometry

Journal of Food Quality 2021: Article ID: 2274450 (English)

1. 3. Host Plant Cytology, Breeding and Genetics

039

Dong Y, Li P and Chen C (2021)

(College of Animal Science, Guizhou university, Guiyang, 550025, Guizhou, China)

First comprehensive analysis of lysine succinylation in paper mulberry (*Broussonetia papyrifera*)

BMC Genomics 22:Article number:255 (English)

040

Shinde BB, Manojkumar HB, Arunkumar GS, Bhavya MR and Gnanesh BN (2021)

(College of Agricultural Biotechnology, Loni, Ahmednagar, 413736, Maharashtra, India)

Assessment of statistical software to analyze genetic diversity in mulberry germplasm

Sericologia 61(3-4) :105-113 (English)

041

Sowbhagya P, Bhavya MR and Arunkumar GS (2021)

(Central Sericultural Research and Training Institute, Mysuru, 570 008, Karnataka, India)

DUS descriptors Need and implications in protection of mulberry varieties and farmers rights

Indian Silk 12(1) :4-7 (English)

042

Sudhakar P, Gandhi Doss S, Vijaya Naidu B and Tewary P (2020)

(RSRS, Central Silk Board, Anantapur, Andhra Pradesh)

Assessment of high yield mulberry varieties at nursery level under the tropical agro climatic conditions of Anantapur, Andhra Pradesh

World Journal of Pharamaceutical and Life Sciences 6(5) :188-195 (English)

043

Suresh K, Yallappa H, Anil P, Laskar M, Manjunath GR, Chakravarthy D and Sivaprasad V (2021)

(Central Sericultural Research and Training Institute, Berhampore, West Bengal, India)

Selection of Mulberry Genotypes for Rainfed Conditions through Principal Component Analysis

International Journal of Current Microbiology and Applied Sciences 10(1) :2762-2778 (English)

044

Zhang L, Li XZ, Li T, Xiong R, Li Y, Yan DS and Chen P (2021)

(College of Sericulture, Textile and Biomass Sciences, Southwest University, 2 Tiansheng Rd., Beibei District, Chongqing, 400715, China)

Farnesoic acid methyltransferase 6 (BmFAMeT6) interrelates with moultinism of dominant trimolter in silkworm, *Bombyx mori*

Biologia 76:2231-2240 (English)

1. 4. Host Plant Pathology

045

Abbas MN, Kausar S, Gul I, Xiao XK, Dong Z, Lu XQ and Cui HJ (2021)

(State Key Laboratory of Silkworm Genome Biology, Key Laboratory of Sericultural Biology and Genetic Breeding, Ministry of Agriculture, Southwest University, China)

Suppressor of cytokine signalling 6 is a potential regulator of antimicrobial peptides in the Chinese oak silkworm, *Antheraea pernyi*

Molecular Immunology 140:12-21 (English)

046

Alam K, Sivaprasad V and Soumen Saha (2021)

(RSRS, Koraput, Central Sericultural Research and Training Institute, Central Silk Board, Berhampore)

Image based disease severity estimation for foliar diseases of mulberry

Indian Silk 11(6) :10-12 (English)

047

Arunkumar GS, Gnanesh BN, Manojkumar HB, Gandhi Doss S, Mogili T, Sivaprasad V and Tewary P (2021)

(Central Sericultural Research and Training Institute, Central Silk Board, Mysuru, 570 008, Karnataka, India)

Genetic diversity, identification and utilization of novel genetic resources for resistance to *Meloidogyne incognita* in mulberry (*Morus* spp.)

Plant Disease 105(10) :2919-2928 (English)

048

Arunkumar GS, Gnanesh BN, Supriya M, Harshitha MM and Tewary P (2020)

(Central Sericultural Research and Training Institute, Central Silk Board, Mysuru, 570 008, Karnataka, India)

Emerging foliar fungal pathogens and host plant resistance of mulberry

In: **International e-conference on Multidisciplinary approaches for plant disease management in achieving sustainability in agriculture, University of Horticulture Sciences, Bagalkot, Karnataka 6th to 9th October, 2020 (English)**

049

Arunkumar GS, Raghunath MK and Babulal (2021)

(Central Sericultural Research and Training Institute, Central Silk Board, Mysuru, 570 008, Karnataka, India)

Management of root rot disease in mulberry

Indian Silk 12(2):4-5 (English)

050

Basavand E, Pejman K, Rahimian H, Ganjeh A, Molaei S and Saman F (2021)

(Department of Plant Pathology, Vali-e-Asr University of Rafsanjan, Rafsanjan, Iran)

Identification and characterization of *Klebsiella oxytoca* strains associated with wetwood disease of *Morus* trees

Indian Phytopathology 74(4) :1123-1127 (English)

051

Bhupen Kumar S, Samal I and Sarkar D (2021)

(Assam Agricultural University, Jorhat - 785 013, Assam, India)

Impact of degree-day summation on infestation of gall insect, *Pauropsylla beesoni* Laing on soalu, Litsea *monopetala* Roxb., the primary host plant of muga silkworm, *Antheraea assamensis* Westwood

Journal of Eco Friendly Agriculture 16(2) :163-167 (English)

052

Costa CA, Veloso JS, Oliveira BF, Valdir LJ and Ailton R (2021)

(Depto. de Agronomia, Universidade Federal Rural de Pernambuco, Recife, PE, Brasil)

First report of *Neophloeospora maculans* causing leaf spots in *Morus nigra* and M. *alba* in Brazil

Journal of Plant Diseases and Protection 128(1) :317-321 (English)

053

Diksha K, Chander D, Ravi SM and Asha C (2021)

(Fermentation Technology Division, CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu, 180001, India)

Isolation and Characterization of Serratiopeptidase Producing Bacteria from Mulberry Phyllosphere

Current Microbiology 78(1) :351-357 (English)

054

Dong ZX ,Guo Y, Cui Y, Zhu Z, Rongli M, Deng W, Li Y and Hu XM (2021)

(Industrial Crops Institute, Hubei Academy of Agricultural Sciences, Wuhan, 430064, China)

The dynamics in rhizosphere microbial communities under bacterial wilt resistance by mulberry genotypes

Archives of Microbiology 203(3) :1107-1121 (English)

055

Gnanesh BN, Tejaswi A, Arunkumar GS, Supriya M, Manojkumar HB and Tewary P (2021)

(Central Sericultural Research and Training Institute, Central Silk Board, Mysuru, 570 008, Karnataka, India)

Molecular phylogeny, identification and pathogenicity of *Rhizopus oryzae* associated with root rot of mulberry in India

Journal of Applied Microbiology 131(1) :360-374 (English)

056

Harendra Kumar, Priya YS, Mukesh Kumar, Vadamalai E and Sunita Kumari (2021)

(Department of Zoology, S.D. P.G. College, Bundelkhand University, Jhansi, UP, India)

Survey of Mulberry Diseases in Different Mulberry Varieties of North Eastern Region of Uttar Pradesh

Journal of Plant Disease Sciences 16(1) :57-62 (English)

057

Maqbool S, Bhat MY, Wani AH and Mir MR (20212021)

(Section of Plant Pathology and Mycology, Department of Botany, University of Kashmir, Srinagar-190 001, Jammu and Kashmir India College)

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2. SILKWORM

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(Laboratory of Insects, Department of Morphology, Sao Paulo State University (UNESP), Institute of Biosciences, Botucatu, SP, Brazil)

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2. 3. Silkworm Cytology, Breeding and Genetics

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Indian Silk 11(6) :38-39 (English)

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