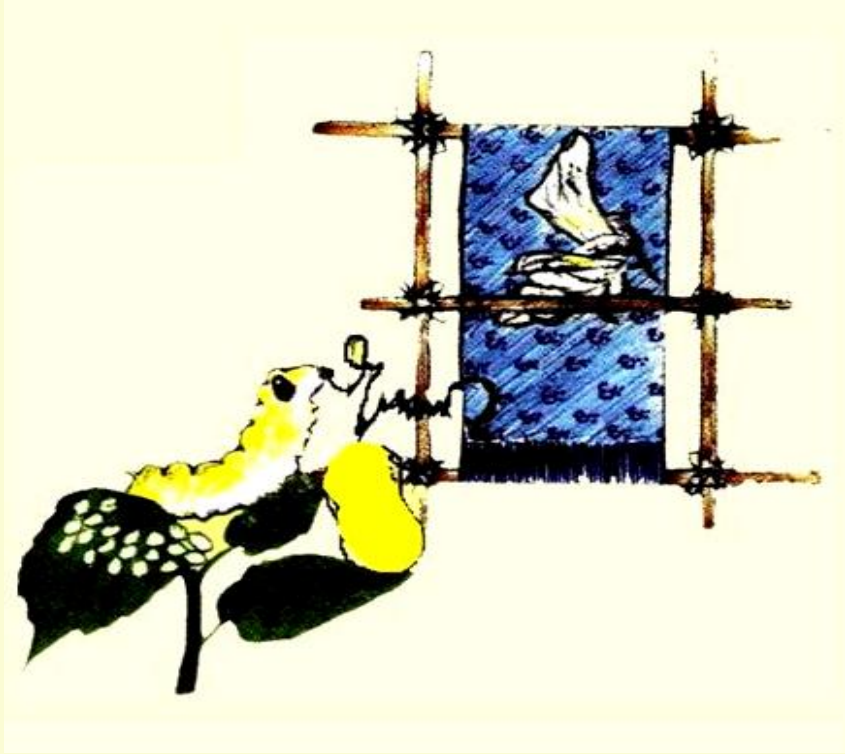


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केंद्रीय रेशम उत्पादन अनुसन्धान एवं प्रशिक्षण संस्थान
CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE
केंद्रीय रेशम बोर्ड, (वस्त्र मंत्रालय, भारत सरकार)
Central Silk Board, (Ministry of Textiles, Govt. of India)
श्रीरामपुर, मानंदवाड़ी रोड, मैसूरु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

2022

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रेशम उत्पादन अनुसन्धान पर अर्धवार्षिक प्रलेखन

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मुख्य संपादक

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वैज्ञानिक -डी

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Journals Covered

1. National Symposium Vanya Sericulture: Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand

A

1. ACADEMICIA: An International Multidisciplinary Research Journal
2. ACS Applied Bio Materials
3. ACS OMEGA
4. ACS Applied Energy Materials
5. ACS Sustainable Chemistry and Engineering
6. Acta Entomologica Sinica
7. Acta Mechanica Sinica
8. Aegeum Journal
9. Agricultural Economics Research Review
10. Agricultural Science Digest
11. Animals
12. Animal Gene
13. Annals of Plant Protection Sciences
14. Applied Biological Research
15. Artificial Intelligence in Agriculture
16. Asian Journal Of Multidimensional Research
17. Asian Textile Journal
18. Autoimmune Diseases

B

19. Beilstein Journal of Nanotechnology
20. Biological Forum An International Journal

21. Biomacromolecules
22. Biotica Research Today
23. BMC Genomics

24. BMC Plant Biology
25. BMC Research Notes
26. Bulletin of Pure Applied Sciences- Botany

C

27. Computational Intelligence and Neuroscience

D

28. Drug Discoveries and Therapeutics

E

29. Electronic Journal of Plant Breeding
30. Evidence-Based Complementary and Alternative Medicine

F

31. FEBS Openbio
32. Foods
33. Food and Function
34. Food Science and Human Wellness
35. Frontiers in Bioengineering and Biotechnology
36. Frontiers in Cellular and Infection Microbiology
37. Frontiers in Immunology
38. Frontiers in Nutrition
39. Frontiers in Marine Science
40. Frontiers in Microbiology

41. *Frontiers in Molecular Biosciences*
42. *Frontiers in Pharmacology*
43. *Frontiers in Physiology*
44. *Frontiers in Plant Science*
45. *Frontiers in Veterinary Science*

G

46. *Global Transitions Proceedings*

H

47. *Horticulture Research*

I

48. *Indian Forester*
49. *Indian Journal of Agricultural Research*
50. *Indian Journal of Fibre and Textile Research*
51. *Insects*
52. *International Journal of Agriculture Sciences*
53. *International Journal of Current Microbiology and Applied Sciences*
54. *International journal of All Research Education and scientific Methods*
55. *International Journal of Bio-resource and Stress Management*
56. *International Journal of Industrial Entomology*
57. *International Journal of Molecular Sciences*
58. *International Journal of Plant and Soil Science*
59. *International Journal of Tropical Insect Science*
60. *Invertebrate Survival Journal*

J

61. Journal of Agricultural and Food chemistry
62. Journal of Bioactive and Compatible Polymers
63. Journal of Crop and Weed
64. Journal of Entomological Research
65. Journal of Entomology and Zoology Studies
66. Journal of Environmental Biology
67. Journal of Experimental Zoology, India
68. Journal of Insect Biotechnology and Sericology
69. Journal of Materials Chemistry - B
70. Journal of Mycology and Plant Pathology
71. Journal of Proteome Research
72. Journal of the Indian Chemical Society
73. Just Agriculture

M

74. Madras Agricultural Journal
75. Materials Advances
76. Molecules

77. Multilogic in Science
78. Mysore Journal of Agricultural Sciences

N

79. Nano letters
80. Nanomaterials

81. Nature Communications

P

- 82. Parasites and Vectors
- 83. Pesticide Biochemistry and Physiology
- 84. Plos Genetics
- 85. Proteus Journal
- 86. Polymer Journal
- 87. Polymers
- 88. Psyche: A Journal of Entomology

R

- 89. Religions
- 90. Remote Sensing
- 91. Reproductive Biology and Endocrinology
- 92. RSC Advances

S

- 93. Science and Technology of Food Industry
- 94. Scientific Data
- 95. Scientific Reports
- 96. Sericologia
- 97. SKUAST Journal of Research
- 98. Soft Matter

T

- 99. The Journal of Silk Science and Technology of Japan
- 100. Trees Structure and Function

V

- 101. Viruses

Z

- 102. Zhou et al. Microsystems and Nanoengineering
- 103. Zoological Research

1. HOST PLANT

1. 1. Host Plant Agronomy

001

Amit Kumar, * Dharmendra KJ, Suraj Pal, Aftab AS, Padmini B, Piryanka S and Vijayakumari KM (2022)

(*Central Muga Eri Research Training Institute, CSB, Lahdoigarh, Jorhat-785700, Assam)

Assessment of remediation potential of naturally grown castor in the polluted river catchments and its suitability for ericulture

***In:* Souvenir cum Book of abstract, pp.64 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)**

002

Ambrutha Varshini and Naveen DV (2022)

(Department of Soil Science and Agricultural Chemistry, College of Agriculture, UAS, GKVK, Bengaluru)

Compost Enrichment with Selected Insect Species and its Influence on Soil Properties, Growth and Yield of Finger Millet (*Eleusine coracana* L.)

Mysore Journal of Agricultural Sciences 56(2):469 (English)

003

Arunkumar M and Chandrashekhar S (2021)

(Department of Sericulture, College of Agriculture, UAS, GKVK, Bengaluru)

Effect of Treated Sewage Water on Mulberry Production and its Impact on Cocoon Quality

Mysore Journal of Agricultural Sciences 55(4):412 (English)

004

Bhagat BR, Aparna K, Gandhi Doss S, Yadav H, Sathyanarayana K (2022)

(Central Tasar Research and Training Institute, Piska Nagari, Ranchi-835303, India)

Microbiological interventions for improvement of tasar host plantation ecosystems

***In:* Plant Archives : Vol.22 pp.196-199 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)**

005

Bharathi VP and Basavaiah (2022)

(Department of Studies in Sericulture Science, University of Mysore, Manasagangothri, Mysuru - 570 006)

Leaf Quality Evaluation of Mulberry (*Morus* sp.) Variety V1 Trained as Small Tree under Different Spacing and Stump Height

Mysore Journal of Agricultural Sciences 56(4):94-104 (English)

006

Giora D, Alberto A, Silvia C, Luigi S, Alessio S and Marinello F (2022)

(Department of Land, Environment, Agriculture and Forestry, University of Padova, Agripolis, Legnaro, 35020 Padova, Italy)

Remote Sensing Imaging as a Tool to Support Mulberry Cultivation for Silk Production

Remote Sensing 14(21):5450 (English)

007

Jayaram H, Chowdary NB and Sathyanarayana K (2022)

(Basic Seed Multiplication and Training Centre, Nowrangpur, Odisha)

Rain water harvesting and conservation measures for sustainable tasar host plant management

***In:* Souvenir cum Book of abstract, pp.76 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)**

008

Nandini R and Prakasha C (2022)

(Department of Soil Science and Agricultural Chemistry, College of Agriculture, UAS, GKVK, Bengaluru - 560 065)

Use of Mulberry Stalk as Biochar and its Effect on Growth, Yield and Quality of Mulberry (*Morus alba* L.)

Mysore Journal of Agricultural Sciences 56(4):296-303 (English)

009

Ranjitha HO and Chandrashekhar S (2021)

(Department of Sericulture, College of Agriculture, UAS, GKVK, Bengaluru)

Enhancing Water Productivity in Mulberry through Different Levels of Drip Irrigation and Mulching

Mysore Journal of Agricultural Sciences 55(3):264 (English)

010

Sasmita P; Prasanta Kumar K; Debesh Shankar H; Pramod kumar S; (2022)

(Department of Chemistry, Sriram Chandra Bhanja Deo University, Baripada, Mayurbhanj 758001 , India)

Nutrients from soil to host plant leaves and its impact on commercial traits of tropical tasar silkworm

In: Plant Archives : Vol.22 pp.116-121 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

011

Singh J, Pandiaraj T, Das S, Sathyanarayana K, Giri S, Kar PK, Patnaik M and Patnaik B (2022)

(Central Tasar Research and Training Institute, Ranchi-835303, Jharkhand, India)

Fertilizer recommendation on a soil test basis for a target yield of *Terminalia tomentosa* (Asan) in Ranchi (India) environmental condition

In: Plant Archives : Vol.22 pp.122-129 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

012

Soma Karmakar, Srivastava AK, Pandiaraj T and Jyostana T (2022)

(Department of Botany, Ranchi University, Ranchi, India-834008)

Effect of integrated nutrient management on the parameters of tasar silk cocoon production on Asan plantation

In: Souvenir cum Book of abstract, pp.92 National Symposium Vanya Sericulture: Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

013

Suhas SM and Prakash HC (2021)

(Department of Soil Science and Agricultural Chemistry, College of Agriculture, UAS, GKVK, Bengaluru)

Effect of Mulberry Stalk Biochar on Soil Carbon and Nitrogen Fractions, Growth and Yield of Maize

Mysore Journal of Agricultural Sciences 55(2):138 (English)

014

Taek JW, Jeong CY, Seok YS and Kim W (2022)

(Department of Agricultural Biology, National Institute of Agricultural Sciences, Rural Development Administration)

Investigation of mulberry farm's soil properties and mulberry leaf nutritive components in local areas of Korea

International Journal of Industrial Entomology 45(1):35-41 (English)

015

Ting O, Gao HY, Jiang K, Jing Y, Zhao RL, Liu XJ, Zhou Z, Xiang ZH and Xie J (2022)

(State Key Laboratory of Silkworm Genome Biology, Key Laboratory of Sericultural Biology and Genetic Breeding in Ministry of Agriculture, College of Sericulture, Textile and Biomass Science, Southwest University, Chongqing, China)

Endophytic *Klebsiella aerogenes* HGG15 stimulates mulberry growth in hydro-fluctuation belt and the potential mechanisms as revealed by microbiome and metabolomics

Frontiers in Microbiology 13:978550 (English)

016

Umesha A, Sannappa B, Rahamathulla G and Manjunath KG (2021)

(Research Extension Centre, CSB, Koppal, Karnataka)

Effect of organic based nutrients on physical, chemical and biological properties in three types of soils of mulberry garden

Proteus Journal 12(4):20-42 (English)

017

Vidyasree S and Naika R (2022)

(Department of Sericulture, College of Agriculture, UAS, GKVK, Bengaluru)

Impact of Water-soluble Fertilizers on Elemental and Biochemical Composition in Mulberry Leaf and Silkworm Haemolymph and on Cocoon Productivity

Mysore Journal of Agricultural Sciences 56(1):459 (English)

1. 2. Host Plant Physiology and Biochemistry

018

Akshata NG and Siddaraju R (2022)

(Department of Seed Science and Technology, College of Agriculture, UAS, GKVK, Bengaluru)

Studies on Effect of New Molecules against Bruchid and their Influence on Seed Quality of Black Gram [*Vigna mungo* (L.) Hepper] During Storage

Mysore Journal of Agricultural Sciences 56(2):464 (English)

019

Ampi Bhagat, Niraj S, Gadad H, Thirupam R, Singh J, Mittal V and Kutala S (2022)

(Central Tasar Research and Training Institute, Ranchi 835303, Jharkhand, India.)

Incidence and nature of damage of bagworms on tasar silkworm food plants

In: Plant Archives : Vol.22 pp.17-21 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

020

Aparna K, Yadav H, Singh J, Gandhi Doss S, Bhagat B, Sathyanarayana K, (2022)

(Central Tasar Research and Training Institute, Ranchi - 835303, Jharkhand, India)

Carbon sequestration potential of tasar sericulture systems

In: Souvenir cum Book of abstract, pp.71 National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

021

Anusha R, and Fatima S (2022)

(Department of Sericulture, College of Agriculture, UAS, GKVK, Bengaluru)

Performance of Mulberry Saplings in Different Rooting Substrates

Mysore Journal of Agricultural Sciences 56(1):459 (English)

022

Bisma J, Sultan Z, Parakh B, Irfan M, Abass S and Ahmad S (2022)

(Department of Food Technology School of Interdisciplinary Science Technology, Jamia Hamdard, New Delhi 110062, India)

Metabolomic Profiling and Identification of Antioxidant and Antidiabetic Compounds from Leaves of Different Varieties of *Morus alba* Linn Grown in Kashmir

ACS Omega 7(28):24317-24328 (English)

023

Bhagat BR, Aparna K, Gandhi Doss S, Yadav H, Sathyanarayana K, (2022)

(Central Tasar Research and Training Institute, Ranchi - 835303, Jharkhand, India)

Microbiological interventions for improvement of tasar host plantation ecosystems

In: Souvenir cum Book of abstract, pp.75, National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

024

Chattha MU, Amjad T, Khan I, Nawaz M, Ali M, Chattha MB, Ali HM, Ghareeb RY, Abdelsalam NR, Barbanti L and Hassan MU (2022)

(Department of Agronomy, University of Agriculture Faisalabad, Faisalabad, Pakistan)

Mulberry based zinc nano-particles mitigate salinity induced toxic effects and improve the grain yield and zinc bio-fortification of wheat by improving antioxidant activities, photosynthetic performance, and accumulation of osmolytes and hormones

Frontiers in Plant Science 13:920570 (English)

025

Dong Y and Chen C (2022)

(Department of Plant Protection, Institute of Crop Protection, College of Agriculture, Guizhou University, Guiyang 550025, China)

Comprehensive Profiling of Paper Mulberry (*Broussonetia papyrifera*) Crotonylome Reveals the Significance of Lysine Crotonylation in Young Leaves

International Journal of Molecular Sciences 23(3):1173 (English)

026

Duan Y, Dai HY, Cheng L, Shi L, Yinglan L, Li HM and Wang C (2022)

(Department of Pharmacology, School of Chinese Materia Medica, Beijing University of Chinese Medicine, Beijing 102488, China)

Mulberry Leaf Flavonoids Inhibit Liver Inflammation in Type 2 Diabetes Rats by Regulating TLR4/MyD88/NF- κ B Signaling Pathway

Evidence-Based Complementary and Alternative Medicine : Article Number 3354062 (English)

027

Durgadevi R and Vijayalakshmi D (2022)

(Department of Sericulture, Forest College and Research Institute, Mettupalayam)

Estimation of Water Use Efficiency and Osmolyte accumulation to Evaluate Drought Stress Tolerance in Mulberry

Madras Agricultural Journal 109(7-9):13-20 (English)

028

Feng FS, Xiang W, Gao H, Jia Y, Zhang YS, Chen JX and Huang X (2022)

(State Key Laboratory of Silkworm Genome Biology, College of Sericulture, Textile and Biomass Sciences, Southwest University, Chongqing 400715, China)

Rapid Screening of Nonalkaloid α -Glucosidase Inhibitors from a Mulberry Twig Extract Using Enzyme-Functionalized Magnetic Nanoparticles Coupled with UPLC-MS/MS

Journal of Agricultural and Food Chemistry 70(38):11958-11966 (English)

029

Gandhi Doss S, Aparna K, Yadav H, Ravindra, Kumar B and Sathyanarayana K (2022)

(Central Tasar Research and Training Institute, Piska Nagri, Ranchi - 835 303, Jharkhand)

Effect of seed treatment of *azotobacter* and phosphate solubilizing bacteria (PSB) on growth and vigour of *Terminalia arjuna* (Arjun) seedlings in nursery

In: Souvenir cum Book of abstract, pp.59, National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

030

Han JH, Lee HW, Jung SH, Cho CW, Kim TJ, Kang JS and Myung CS (2022)

(Department of Pharmacology, College of Pharmacy, Chungnam National University, Daejeon, 34134, Republic of Korea)

The anti-obesity effect of mulberry leaf (*Mori folium*) extracts was increased by bioconversion with Pectinex

Scientific Reports 12:20375 (English)

031

Harijan Y, Deepika KU, Padmini B, Suresh K, Laskar M and Sivaprasad V (2021)

(Central Sericultural Research and Training Institute, Berhampore, Central Silk Board, Murshidabad-472101,)

Physiological and biochemical profiling of different mulberry genotypes of developed for Eastern and North Eastern India

Journal of Crop and Weed 17(3):176-184 (English)

032

Hari Singh M and Nataraja KN (2022)

(Department of Crop Physiology, College of Agriculture, UAS, GKVK, Bengaluru-560 065)

An Approach to Improve the Post-harvest Leaf Quality in Indian Mulberry (*Morus alba* L.)

Mysore Journal of Agricultural Sciences 56(4):184-191 (English)

033

Huo J, Pan MA, Huanyan M, Lin TB and Zhong S (2022)

(Zhejiang Academy of Agricultural Sciences, Institute of Sericultural and Tea, Hangzhou, China)

Non-targeted metabonomics and transcriptomics revealed the mechanism of mulberry branch extracts promoting the growth of *Sanghuangporus vaninii* mycelium

Frontiers in Microbiology 13:1024987 (English)

034

Jian A, Yang Z, Liu JX, Schols HA, Battino M, Bao B, Tian LM and Bai WB (2022)

(Department of Food Science and Engineering, College of Food Science, Shanghai Ocean University, Shanghai 201306, P. R. China)

Structural Characterization and In Vitro Fermentation Characteristics of Enzymatically Extracted Black Mulberry Polysaccharides

Journal of Agricultural and Food Chemistry 70(12):3654-3665 (English)

035

Jin YC, Jie T, Han X, Zhuo J, Liu GH, Han YH, Wang J and Xiao H (2022)

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

Characteristics of Mulberry Leaf Powder Enriched With γ -Aminobutyric Acid and Its Antioxidant Capacity as a Potential Functional Food Ingredient

Frontiers in Nutrition 9:900718 (English)

036

Jing TS, Hui L, Junwa H, Zhe L, Li Y, Jin HH, Xinxi Z, Wenbo S, Yang Huj and Hua Y (2022)

(Key Laboratory of Freshwater Fish Reproduction and Development, Ministry of Education, College of Fisheries, Southwest University, Chongqing, China)

Mulberry leaf extract improves non-specific immunity and antioxidant capacity of largemouth bass (*Micropterus salmoides*) fed a high-starch diet

Frontiers in Marine Science 9:1029360 (English)

037

Kim KS, Choi YJ, Jang DS and Lee S (2022)

(College of Korean Medicine, Gachon University, Seongnam 13120, Republic of Korea)

2-O- β -D- Glucopyranosyl-4,6-dihydroxybenzaldehyde Isolated from *Morus alba* (Mulberry) Fruits Suppresses Damage by Regulating Oxidative and Inflammatory Responses in TNF- α -Induced Human Dermal Fibroblasts

International Journal of Molecular Sciences 23(23):14802 (English)

038

Kumar B, Gandhi Doss S, Ravindra KM, Yadav H, Ravindra KM and Yadav H (2022)

(Central Tasar Research and Training Institute, Piska Nagri, Ranchi - 835 303, Jharkhand)

Evaluation of sapling vigour of selected hybrids of Arjun x Asan and improved accessions propagated through juvenile cuttings in nursery

In: Souvenir cum Book of abstract, pp.84, National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

039

Lei L, Huan Y, Liu Q, Li C, Cao H, Ji WM, Gao XF, Fu Y, Li PP, Zhang RP, Abliz Z, Liu YL, Liu S and Shen ZF, (2022)

(Institute of Materia Medica, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China)

Morus alba L. (Sangzhi) Alkaloids Promote Insulin Secretion, Restore Diabetic β -Cell Function by Preventing Dedifferentiation and Apoptosis

Frontiers in Pharmacology 13:841981 (English)

040

Kim YS, Kwon EB, Kim B, Chung HS, Choi G, Kim YH and Choi JG (2022)

(Korea Institute of Oriental Medicine, Korean Medicine Application Center, 70 Cheomdan-ro, Dong-gu, Daegu 41062, Korea)

Mulberry Component Kuwanon C Exerts Potent Therapeutic Efficacy In Vitro against COVID-19 by Blocking the SARS-CoV-2 Spike S1 RBD:ACE2 Receptor Interaction

International Journal of Molecular Sciences 23(20):12516 (English)

041

Krajnc AU, Tamas B , Kurucz E and Paula P (2022)

(Faculty of Agriculture and Life Sciences, University of Maribor, Pivola 10, 2311 Hoce, Slovenia)

The Effect of Feeding with Central European Local Mulberry Genotypes on the Development and Health Status of Silkworms and Quality Parameters of Raw Silk

Insects 13(9):836 (English)

042

Kumar B, Mahto RK, Gandhi Doss S, Aparna K, Yadav H and Sathyanarayana K (2022)

(Central Tasar Research and Training Institute, Piska Nagri, Ranchi - 835 303, Jharkhand)

Estimation of single leaf area in major tasar host plant species (*Arjun, Asan and Jarul*) through nondestructive method

In: Souvenir cum Book of abstract, pp.87, National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

043

Li R, Zhu Q, Wang XY and Wang H (2022)

(Chongqing Academy of Animal Sciences, Chongqing, China)

Mulberry leaf polyphenols alleviated high-fat diet-induced obesity in mice

Frontiers in Nutrition 9:979058 (English)

044

Li RL, Xue Z, Li SQ, Jingna Z, Liu J, Zhang M and Chen H (2022)

(Tianjin Key Laboratory for Modern Drug Delivery High-Efficiency, School of Pharmaceutical Science and Technology, Tianjin University, Tianjin, P. R. China)

Host Plant

Mulberry leaf polysaccharides ameliorate obesity through activation of brown adipose tissue and modulation of the gut microbiota in high-fat diet fed mice

Food and Function 13(2):561-573 (English)

045

Li SJ, Jin C, Gao PC, Zhou W, Xiao RR, Zhang Z and Ding K (2022)

(University of Chinese Academy of Sciences, China)

A Novel Pectin-Like Glycopeptide Isolated from the Fruit of *Fructus mori* Impedes Aggregation and Production of A β ₄₂

Journal of Agricultural and Food Chemistry 70(32):9908-9918 (English)

046

Liu P, Zhu Y, Ye JJ, Lin TB, Zilong X, Chen L and Wei J (2022)

(Institute of Sericulture and Tea, Zhejiang Academy of Agricultural Sciences, Hangzhou, China)

Biological characteristics, bioactive compounds, and antioxidant activities of off-season mulberry fruit

Frontiers in Plant Science 13:1034013 (English)

047

Mahesh R, Melissa L, Soumen C and Sivaprasad V (2021)

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

Balanced fertilization for improved nutrient use efficiency and mulberry productivity

International Journal of Plant and Soil Science 33(20):205-217 (English)

048

Manjappa, Rachana SE, Prabhu IG, Baig MM, Tiwari MD, Alok Sahay and Sathyanarayana K (2022)

(Central Sericultural Research and Training Institute, Srirampura, Mysuru-570008)

Isolation and identification of diazotrophic plant growth promoting bacteria from the rhizosphere of tropical tasar silkworm food plants

In: Souvenir cum Book of abstract, pp.88, National Symposium Vanya Sericulture:Opportunities Galore, 28th to 29th October, 2022, CTRTI, Ranchi, Jharkhand (English)

049

Manzoor MF, Hussain A, Diana T, Aizhan A and Xu B (2022)

(School of Food and Biological Engineering, Jiangsu University, Zhenjiang, Jiangsu, China)

Assessing the Nutritional-Value-Based Therapeutic Potentials and Non-Destructive Approaches for Mulberry Fruit Assessment: An Overview

Computational Intelligence and Neuroscience: Article Number 6531483 (English)

050

Maryam G, Jalal JS, Reza H and Mahmoodi NA (2022)

(Department of Plant Protection, Faculty of Agricultural Sciences, University of Guilan, Rasht 416351314, Iran)

*Effect of thyme essential oil and its two components on toxicity and some physiological parameters in mulberry pyralid *Glyphodes pyloalis* Walker*

Pesticide Biochemistry and Physiology 188:105220 (English)

051

Pandiaraj T, Harendra Y, Manjappa, Jitendra Singh, Sathyanarayana K, Singh DK, (2022)

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2. SILKWORM

2. 1. Silkworm Rearing Technology

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