

**SI.No.**                      **Details of Research Publications**

**2021**

**Prof. H.B. Manjunatha**

1. Contribution to the knowledge of the Prioninae (Coleoptera, Cerambycidae) from the Mizoram State (India), with the first report of the genus Megobaralipton Lepesme & Breuning and new records from the country.  
Amitava Majumder, Alain Drumont, Stanislav Jákl, Gérard Tavakilian, **Hosaholalu Boregowda Manjunatha**, Kailash Chandra. Zootaxa, 4963(2):375-383, 2021.  
DOI: <https://doi.org/10.11646/zootaxa.4963.2.8>.  
**(Impact Factor-0.955)**
2. Diverse Tree Mulberry Geometry and Cultural Practices Adopted by the Farmer's and its Optimization.  
Megharaja, Harishkumar J, Chaithra KC, Likhithgowda M, **Manjunatha HB**.  
Acta Scientific AGRICULTURE, 5 (6), 85-91, 2021  
DOI: 10.31080/ASAG.2021.05.1009
3. Morpho-biometric and Cytogenetic analysis of Clonally Evolved Mulberry Cultivars (Morus Spp.).  
Ravi Kumara R, HL Ramesh, **HB Manjunatha**.  
Acta Scientific AGRICULTURE, 5 (6), 92-101, 2021  
DOI: 10.31080/ASAG.2021.05.1010.

**Prof. B. Sannappa**

4. Bio-energetics in selected eco-races of eri silkworm.  
Pallavi, **Sannappa, B.**, Ramakrishna Naika and Bharathi, V.  
Research Biotica, **3** (1), 013-018, 2021.
5. Impact of selective integrated management practices on the Lepidopteran defoliators of castor, *Ricinus communis* L.  
Kiran Kumar, R. and **Sannappa, B.**  
Research Journal of Agricultural Sciences, **12** (2), 489-493, 2021.
6. Impact of selective integrated management practices adopted against defoliators of castor on commercial characters of the eri silkworm, *Samia cynthia ricini* Boisduval.  
Kiran Kumar, R. and **Sannappa, B.**  
Proteus Journal, 12 (4): 1-13, 2021.

7. Cost and return structure of mulberry and cocoon production at varied levels of organic manures applied to mulberry.  
Umesha, A., **Sannappa, B.**, Rahmathulla, G. and Manjunath, K.G.  
Aegaeum Journal, **9** (4) 184-193, 2021.
8. Effect of organic based nutrients on physical, chemical and biological properties in three types of soils of mulberry gardens.  
Umesha, A., **Sannappa, B.**, Manjunath, K.G. and Rahmathulla, G.  
Proteus Journal, 12 (4), 20-42, 2021.

**Dr. M. N. Anilkumar**

9. Impact of mulberry leaf fortified with vitamins on biomolecules and economic parameters in FC1 silkworm hybrid (*Bombyx mori* L.)  
Anil Kumar M. N.  
Proteus Journal, 12 (4), 75-88, 2021.
10. Thermal stress dependent variation in biomolecules and economic parameters of the silkworm, *Bombyx mori* (Lepidoptera: *Bombicidae*),  
Jagadisha M.C. and **Anil Kumar M.N.**  
Proteus Journal, 12 (6), 24-36, 2021

**Dr. R.S. Umakanth**

11. Studies on the fat body protein and commercial characters of the silkworm, *bombyx mori* l. Treated with juvenile hormone mimic.  
**R.S.UMAKANTH** and NAVYA, K  
International Journal of Agriculture Science and Research, 11 (2), 37-44. Trans-Stellar Journal Publications and Research Consultancy Pvt. Ltd. Chennai, Tamilnadu. India. ISSN: 2321-0057, 2021)
12. A comparative study on the fat body protein and commercial characters of the silkworm, *Bombyx mori* l. Treated with juvenile hormone analogue.  
**R.S.UMAKANTH**  
Research Journal of Agricultural Sciences, 12 (2), 651-655, (UGC recognised journal) Center for Advanced Research in Agricultural Sciences, Awantipora, Jammu and Kashmir, India. ISSN: 2249-4538, 2021.
13. Effect of multiple matings on longevity in multi-bi hybrids of the silkworm, *Bombyx mori* l. In three seasons.  
ARUNA, G.R. and **R. S. UMAKANTH**  
Research Journal of Agricultural Sciences, 12 (4), 1269-1272, UGC recognised journal, Center for Advanced Research in Agricultural Sciences, Awantipora, Jammu and Kashmir, India. ISSN: 2249-4538, 2021.
14. A study on adoption pattern and mulberry production in Hunsur Taluk of Mysuru

district.

**R.S.UMAKANTH**

Research Journal of Agricultural Sciences, 12 (4),1366-137, 1UGC recognised journal, Center for Advanced Research in Agricultural Sciences, Awantipora, Jammu & Kashmir, India, ISSN:2249-4538, , 2021.

15. Quantitative estimation of amylase activities in selected larval mutants of silkworm, *Bombyx mori* L. on two mulberry varieties.  
M. Devamani and **R. S. Umakanth**  
Journal of Plant Health Issues. (Accepted in press -2021).

**2020**

**Prof. H.B. Manjunatha**

16. Comprehensive analysis of differentially expressed proteins in the male and female *Bombyx mori* larval instars exposed to thermal stress.

Punyavathi and **Manjunatha H.B.**

Arch. Insect. Biochem. Physiol.105 (1):1-16, e21719.

<https://doi.org/10.1002/arch.21719>. 2020.

**IF-1.536)**

17. *Enoplotrupes (Enoplotrupes) apatani* sp. nov. (Coleoptera: Geotrupidae) from Arunachal Pradesh, India.

David Král, Stanislav Jákl and **H. B. Manjunatha**

Acta Soc. Zool. Bohem. 84: 23–27, 2020.

18. Development of disinfection card and Mobile App for the precise application of disinfectants in the Silkworm rearing house.

M. Likhith Gowda, A.M. Akanksh, Nayanashree, C. Abhicharan, Naleen, Kunal Ankola and **H. B. Manjunatha**

Res. J. Agri. Sci.11(6): 1229-1234, 2020.

19. Biomolecular changes due to *Streptococcus mutans* infection and antibiotics treatment in the human dental caries - silkworm (*Bombyx mori*) disease model.

Likhith Gowda M. and **Manjunatha H.B.**

Int. J. Pharma. Sciences and Research, 11(2): 737-744, 2020.

**Prof. T. S. Jagadeesh Kumar**

20. Rhythmic changes in lactic acid content of acid treated hibernated eggs of mulberry silkworm under photophase and scotophase cycle.  
Jyothi Prasad Baruah, T S Jagadeesh Kumar, Chinmoyee Kalita,

- Arun Kumar K.M., and G. Impana.  
International Journal of Science and Nature, 4 (4), 76-79, 2020.
21. Investigations on dynamics of Serimore in relation to cellular catalase activity and economic traits of the silkworm hybrid.  
Akarsha M. R., Jyothi Prasad Baruah, T S Jagadeesh Kumar and Chinmoyee Kalita  
International Journal of Applied Research, 6 (10), 952-961, 2020.

**Prof. B. Sannappa**

22. Personal and socio-economic status of sericulture farmers in Krishnarajpet Taluk of Mandya District.  
Ajay Kumar, R., Megha, H.T., Shreyas, S., Sannappa, B. and Manjunatha, K.G.  
International Journal of Advanced Research, 6 (7), 273-277, 2020.
23. Constraints in mulberry and cocoon production in Krishnarajpet Taluk of Mandya District, Karnataka State. Ajay Kumar, R., Megha, H.T., Shreyas, S., Sannappa, B. and Manjunatha, K.G.  
International Journal of Agriculture Extension and Social Development, 3 (2), 22-25, 2020.
24. Knowledge and adoption levels of farmers on sericulture technologies in Srirangapatna Taluk of Mandya District of Karnataka.  
Naleen, Bharath, M. Sannappa, B., Manjunatha, K.G. and Umesha, A. Research Journal of Agricultural Sciences, 11 (4), 959-965, 2020.

**Dr. M.N. Anilkumar**

25. Analysis of boil off loss in the cocoons shells of bivoltine breeds in three seasons.  
Anil Kumar M.N.  
Indian Journal of Pure and Applied Bioscience. 8 (3), 432-444, 2020.
26. Quantification of boil of loss in cocoon shells of the silkworm breeds as influenced by sex. Anil Kumar M.N.  
Journal of Global Bioscience. 9 (7), 7659-7666, 2020.
27. Influence of mulberry varieties on aminotransferase enzymes and economic parameters of the silkworm, *Bombyx mori* L.  
Anil Kumar M.N.  
International Research Journal of Entomology Research. 5 (4), 125-129, 2020.

**Dr. R. S. Umakanth**

28. Extraction of sericin from cocoon shell and raw silk of bivoltine and multivoltine breeds of the silkworm, *BOMBYX MORI*, L.  
BHARATHI, M.C., R.S.UMAKANTH and ASHOKA, K.S.  
Journal of Entomology and Zoology Studies. 8 (4), 869-871. AkiNik Publications, Delhi, India. ISSN: 2320-7078, 2020.
29. Adoption pattern of mulberry cultivation and silkworm rearing in the eastern dry zone of Karnataka, India.  
N.MURALI, **R.S.UMAKANTH** and K.V.ANITHARANI.  
International Journal of Current Microbiology and Applied Sciences” 9 (8), Excellent Publishers @, Tamilnadu, India. ISSN: 2319-7706, 2020.
30. Technology adoption pattern of sericulture farmers: a study in Chikkaballapur district of Karnataka.  
N.SHIREESHA and **R.S.UMAKANTH**.  
International Journal of Multidisciplinary Research and Development. 9 (8), 01-05. Gupta Publications, Delhi, India (ISSN: 2349-4182 RJIF: 5.72), 2020.

**2019**

**Prof. H. B. Manjunatha**

31. *Ex-situ* Fabrication of ZnO Nanoparticles Coated Silk Fiber for Surgical Applications  
P. Shubha, M. Likhith Gowda, K. Namratha, S. Shyamsunder, **H.B. Manjunatha** and K. Byrappa  
Materials Chemistry and Physics 231:21-26, 2019. **(IF-2.210)**
32. *In vitro* and *In vivo* evaluation of green-hydrothermal synthesized ZnO nanoparticles.  
P. Shubha, M. Likhith Gowda, K. Namratha, **H.B. Manjunatha**, K. Byrappa  
Journal of Drug Delivery Science and Technology, 49:692–699, 2019  
**(IF-2.297)**
33. *Streptococcus mutans* infection and Antibiotic-mediated variation in the Alanine aminotransferase and Aspartate aminotransferase activity in the silkworm, *Bombyx mori*.  
Likhith gowda M. and **Manjunatha H.B.**

J. Emerg. Technol. Innov. Res. 6 (5):307-314, 2019.

**Prof. B. Sannappa**

34. Correlation between biochemical composition of castor leaf with bio-energetics and economic parameters of selected eco-races of eri silkworm.  
Pallavi and **Sannappa, B.**  
International Journal of Pharmacy and Biological Sciences. 9 (1), 807-813, 2019.
35. Efficacy of 'Neem Baan' on biochemical composition and commercial characters of eri silkworm. **Sannappa, B.**, Prakash, B.K., Khamar Taj and Manjunath, K.G.  
Shanlax International Journal of Arts, Science and Humanities, 6 (2), 219-231, 2019.
36. Grainage performance of selected eco-races of eri silkworm reared on leaf of castor hybrid and variety. Pallavi and **Sannappa, B.**  
Shanlax International Journal of Arts, Science and Humanities, 6 (2), 256-263, 2019.
37. Socio-economic status of sericulture farmers under rainfed condition in Chamarajanagar district, Karnataka State.  
Raju, M., **Sannappa, B.** and Manjunath, K.G.  
International Journal of Pure and Applied Bioscience, 7(2), 574-581, 2019,
38. Rearing performance of the eri silkworm, *Samia cynthia ricini* Boisduval in response to diversified castor eco-types in few regions of the Western Ghats of Karnataka, India.  
Manjunath, K.G., **Sannappa, B.** and Raju, M.  
International Journal of Pure and Applied Bioscience, 7(3): 544-552, 2019.
39. Studies on knowledge and adoption levels of farmers on mulberry production practices under irrigated condition in Chamarajanagar district, Karnataka State.  
Raju, M., **Sannappa, B.** and Manjunath, K.G.  
International Journal of Scientific Research, 10 (7-C), 33489-33496, 2019.
40. Biochemical composition and commercial characters of eri silkworm reared on castor leaf fortified with botanicals. **Sannappa, B.**  
Indian Journal of Pure and Applied Biosciences, 7 (6),184-191, 2019.

- Dr. M. N Anilkumar**
41. Biomolecules and commercial characters of *Bombyx mori* under the influence of methionine enriched mulberry leaves.  
**Anil Kumar M.N.**  
Shanlax International Journal of ARTS, Science and Humanities. 6 (2), 22-30, 2019.
42. Analysis of the cocoon filament size deviation in bivoltine breeds and their hybrids of silkworm *Bombyx mori* L.  
**Anil Kumar M.N.** Jayaraju P. and Jagadisha M.C.  
International journal of Innovative Practice and Applied Research. 1(6), 98-106, 2019.
43. Effect of dietary supplementation of phenylalanine on aminotransferase enzymes and economic parameters of *Bombyx mori* L.  
**Anil Kumar M.N.**  
Indian Journal of Sericulture. 57(1-2), 22-29, 2019.
- Dr. R. S Umakanth**
44. By-product utilization for value addition and income enhancement of Sericulture Farmers –  
**R. S. UMAKANTH** and M.V. DINESH  
a review. “Exigency in Indian Agricultural Sector: Challenges and ways forward 2019” 186-192. Grabs Education Trust, Chennai, India. (ISBN: 978-81-936929-7-4), 2019.
45. Quantitative and qualitative evaluation of effect of Dimethoate on amylase activity in silkworm, *Bombyx mori* Linnaeus  
**DEVAMANI, M. and R.S.UMAKANTH**  
Journal of Emerging Technologies and Innovative Research, 6 (6), 96-107, JUNE 2019. UGC Approved Journal No. 63975. Nava Vadaj, Ahmedabad, India. (ISSN: 2349-5162 IF: 5.87), 2019.
46. An Analysis of Farmers Suicide in India and Karnataka.  
**DINESH, M.V. and R. S. UMAKANTH.**  
Farmer’s Suicide in India: Causes, Consequences and Mitigation. 28-45, Grabs Education Trust, Chennai, India. (ISBN: 978-81-936929-6-7), 2019.
47. A comparative study of selected seed and commercial cocoon markets.  
**UMAKANTH, R. S.** and KHWENILO TEP  
Shanlax, International Journal of Arts, Science and Humanities, 6

- (1), 50-59, (UGC approved Journal No. 43960) Madhurai. (ISSN: 2321-788X, IF: 3.025, NAAS: 2.13), 2019.
48. Quantitative and qualitative evaluation of effect of Dimethoate on amylase activity in silkworm, *Bombyx mori* Linnaeus”  
DEVAMANI, M. and **R.S.UMAKANTH**  
Journal of Emerging Technologies and Innovative Research. 6 (6), 96-107. (UGC Approved Journal No. 63975) Nava Vadaj, Ahmedabad, India. (ISBN: 978-93-84337-64-3), 2019.
49. STUDY on the role and Impact of Refresher courses on the teacher Participants.  
**R. S. UMAKANTH.**  
International Journal of Innovative Practice and Applied Research (IJIPR), 9 (6), 148-155. Haldia Institute of Management, Purva Medinipur, West Bengal, India. (ISSN: 2349-8978, IF: 02.05), 2019.
50. Effect of mating duration on fecundity and hatching in selected crosses of mulberry silkworm, *Bombyx mori* L. In three seasons.  
ARUNA, G.R. and **R. S. UMAKANTH**  
“International Journal of Innovative Practice and Applied Research” (IJIPR), 9 (12), 65-70, Haldia Institute of Management, Purva Medinipur, West Bengal, India. (ISSN: 2349-8978, **IF: 02.05**), 2019.

## **2018**

- Prof. B. Sannappa**
51. Comparative costs and returns of mulberry and cocoon production under rainfed and irrigated conditions – An economic analysis.  
Raju, M. and **Sannappa, B.**  
Asian Journal of Agricultural Extension, Economics and Sociology, 26 (1): 1-11, 2018.
52. Yield gap in mulberry and cocoon production under rainfed and irrigated conditions in Chamarajanagar district, Karnataka state.  
Raju, M. and **Sannappa, B.**  
PARIPEX Indian Journal of Research, 7 (7), 411-414, 2018
53. Biomolecules in haemolymph and fat body tissues of selected strains of the domesticated vanya silkworm, *Samia cynthia ricini* Boisduval.  
Prakash, B.K. and **Sannappa, B.**  
Journal of Biological and Chemical Research, 35(2), 1030-1039, 2018.



54. Assessment of cocoon and egg productivity in selected strains of eri silkworm through consumption and utilization indices.  
International Prakash, B.K. and **Sannappa, B.**  
Journal of Scientific Research in Biological Sciences, 5(6): 101-110, 2018.
55. Commercial characters of selected eco-races of eri silkworm (*Samia cynthia ricini* Boisduval) reared on castor hybrid/variety.  
Prakash, B.K. and **Sannappa, B.**  
International Journal of Research and Analytical Reviews, 5(4), 513-518, 2018.
- Dr. M.N. Anilkumar**
56. Influence of fortified mulberry leaf with methionine on the economic traits and aminotransferase activity in *Bombyx mori* (Lepidoptera; Bombycidae).  
**Anil Kumar M.N** and Sunil Kumar. B.  
International Journal of Current Advanced Research. 7 (1), 9258-9262, 2018.
57. Quantification of boil-off loss in the cocoon shells of the silkworm (*Bombyx mori* L) breeds and their hybrids.  
**Anil Kumar M.N**, Jagadisha M.C. and Jayaraju. P.  
International Journal of Research in Biosciences, Agriculture and Technology. 1(6), 74-82, 2018.
58. Analysis of boil of loss in the cocoon shells of the silkworm (*Bombyx mori* L) bivoltine breeds and their hybrids.  
**Anil Kumar M.N.**  
International Journal of Research in Biosciences, Agriculture and Technology. 1 (6), 159-168, 2018.
59. Influence of mulberry leaf with soyabean flour supplementation on the economic traits and aminotransferases activity in *Bombyx mori* L.  
**Anil Kumar M.N** and Prashanth. J.  
International Journal of Zoology Studies. 3 (2), 59-64, 2018.
60. Effect of fortified mulberry leaf with riboflavin on succinate dehydrogenase activity and economic traits in *Bombyx mori* L.  
**Anil Kumar M.N.**  
International Journal of Pharmacy and Biological Sciences. 8 (3), 305-311, 2018.
61. Application of tryptophan as supplementary nutrient on dehydrogenase activities and economic parameters in *Bombyx mori*

L.

**Anil Kumar M.N.**

Journal of Pharmaceutical, Chemical and Biological Science. 6 (3), 209-217, 2018.

**Dr. R.S. Umakanth**

62. A review on Composting of Sericulture wastes.

**UMAKANTH, R. S.**

International Journal of Academic Research" 4 Issue 2 (4),102-106. Sucharitha Publications, Kakinada, Andhra Pradesh, India. (ISSN:2348-7666, IF:6.023), 2018.

63. BY-products of Sericulture: A Critical Analysis.

**R. S. UMAKANTH**

Educational Development and Social Welfare 5, 44-49. Lulu Enterprises UK Ltd., Barking, United Kingdom. (ISBN: 978-1-387-53002-1), 2018.

**Prof. G. Subramanya (Rtd.)**

64. The prospects of molecular genetics in silkworm breeding: An Overview.

Ritwika Sur Chaudhuri and Subramanya G.-

Indian Journal Of Entomology, 80 (4), 716-1718, 2018.

65. Selection Response for the Expression of Quantitative Traits in the Mulberry Silkworm *Bombyx mori* L.

Shivkumar, M.N. Ramya , E. Talebi and G. Subramanya.

Int.J.Curr.Microbiol.App.Sci, 7(11), 3456-3474, 2018.

**Prof. Basavaiah (Rtd.)**

66. Cytogenetic characterization of a triploid mulberry (*Morus* spp.) cultivar Suvarna-2. Daryoush Shafiei and Basavaiah.

Annals of Plant Sciences. 7 (4), 2156-2159, 2018.

**2017**

**Prof. H.B. Manjunatha**

67. Comparative proteome analysis and thermal stress induced changes in the embryo of poly- and bi-voltine strains of *Bombyx mori*.

Punyavathi, Bhat MA and **H. B. Manjunatha**

J. Appl.Biol.Biotechnol. 5(02):59-67, 2017.

68. Identification and *in-silico* analysis of a small heat shock protein (HSP26) expressed in the *Bombyx mori* due to heat shock.  
Punyavathi and **H. B. Manjunatha**  
Indian J. Applied Res., 7 (1): 68-71, 2017.
69. Heat shock induced changes in the cocoon traits of poly- and bi-voltine silkworm strains of *Bombyx mori*  
Bhat M.A. and **H. B. Manjunatha**  
Int. J. Entomol. Res., 2 (1): 36-41, 2017.
70. Allethrin and prallethrin based mosquito coil emission induces toxicity and alters the haemolymph proteins and cocoon traits of *Bombyx mori*.  
K.V. Rajini, M. Likhith Gowda, C.A. Sangma, K.A. Avinash, Punyavathi and **H.B. Manjunatha**.  
Sericologia, 87(3):143-14, 2017.
- Prof. T.S. Jagadeeshkumar**
71. Allele-specific expression of biochemical markers with special reference to silkworm voltinism.  
Maryam Talebi Haghghi and **T S Jagadeesh Kumar**  
Journal of Entomology and Zoology Studies. 5 (1), 792-796, 2017.
72. Genetic Divergence and Voltinism's Expression in Silkworm: Revealed through DNA Barcoding.  
Maryam Talebi Haghghi and **T S Jagadeesh Kumar**  
International Journal of Pure Applied Biosciences. 4 (4), 255-263, 2017.
73. Photoperiodically induced changes in haemolymph protein of selected mulberry silkworm races /breeds.  
**Jagadeesh Kumar T S** and Sunil Kumar B  
International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS) Special issue of National Conference on Research Advances in Science & Technology, 26th - 27th May 2017, pp. 38-44, 2017.
- Prof. B. Sannappa**
74. Socio-economic status of sericulturists on Knowledge and adoption of sericultural technologies among the farmers of Maddur Taluk, Mandya District.  
**Sannappa, B.** Manju, B.C. and Prakash, B.K.  
International Journal of Academic Research, 2 [2(1)], 246-252. 2017.

75. A study on socio-economic conditions of farmers on economics of mulberry and cocoon production among the sericulturists of Malavalli taluk, Mandya district.  
**Sannappa, B.** Jayaraju, P. and Manjunath, K.G.  
International Journal of Academic Research, 2 [2(7)], 80-87, 2017.

**Dr. M.N. Anilkumar**

76. Pyridoxine as a nutrient supplement with mulberry leaf and its impact on succinate dehydrogenase activity and economic traits of the silkworm, *Bombyx mori* L.

**Anil Kumar, M.N.** Jagadisha, M.C and M. Mahadevaswamy.  
International Journal of Applied Research. 3(6): 465-469, 2017.

77. Impact of aqueous plant extract on the economic traits of the silkworm breed CSR2.

**Anil Kumar, M.N,** Jagadisha, M.C and M. Mahadevaswamy  
International Journal of Academic Research. 4(7), 94-100, 2017.

78. Effect of mulberry leaf enriched with methionine on protein and carbohydrates contents of *Bombyx mori* L.

**Anil Kumar M.N,**  
International Journal of Academic Research. 4 2(14), 45-51, 2017.

**Dr. R.S Umakanth**

79. Estimation of carbohydrates in selected silkworm races of *Bombyx mori* using two mulberry varieties.

**B.N.PRASHANTH KUMAR and UMAKANTH, R. S.**  
International Journal of Applied Sciences. Villupuram, Tamilnadu, India. (ISSN:2394-5869,IF:5.2), 3 (10), 156-1612017.

80. Economic Parameters in selected silkworm races/breeds of *Bombyx mori* L. using two mulberry varieties.

**B.N.PRASHANTH KUMAR and UMAKANTH, R. S.**  
International Journal of Advance Scientific Research. Gupta Publications, Delhi, India. (ISSN: 2456-0421, RJIF: 5.32), 2 (5), 43-46, 2017.

81. Land use sustainability of agricultural zones. Exploring Sustainable Land Use in Monsoon Asia.

**ARUN DAS, KOICHI KIMOTO, M.RAVI KUMAR, R.S.UMAKANTH, DHRITIRAJ SENGUPTA AND H.R. VISHWANATH.**  
Springer Nature Singapore Pvt. Ltd. NOV. 2017. Singapore. (ISBN: 978-981-10-5927-8), 103-135,2017.

**Prof. D. Manjunath (Rtd.)**

82. Disease Incidence of leaf eating insect pests of mulberry in Kolar region (Karnataka, India) as impacted by agronomic practices. Sreenivasa, B. Morrison, N.M. and **Manjunath**. Research J. Life Sci., Bioinformatics, Pharmaceutical and Chemical Sci., 3 (1), 84-9, 2017.
83. Influence of various diets on the longevity and reproductive performance of *Trichomalopsis uziae* Sureshan & Narendra Kumar, an ecto-pupal parasitoid of the tachinid fly, *Exorista bombycis* (Louis). Narendra Kumar, J.B. and **Manjunath, D.** Ind. J. Seric., 56: (1-2), 55-61, 2017.

**Prof. Basavaiah (Rtd.)**

84. Screening of F1 progeny for selection of superior hybrids in mulberry (*Morus* spp.) – A simple approach. PART I: Screening of seedlings in relation to seed size. Shafiei D and **Basavaiah**. Int. J. Bioassays., 6 (2), 5256-5259, 2017.
85. Screening of F1 progeny for selection of superior hybrids in mulberry (*Morus* spp.) – A simple approach. PART II: Screening of transplants in relation to seed size. Basavaiah and Shafiei D. Int. J. Bioassays., 6 (2), 5260-526, 2017

**2016**

**Prof. H.B. Manjunatha**

86. Physico-chemical and biological studies on three-dimensional porous silk/spray-dried mesoporous bioactive glass scaffolds. Arunseshan C., Giorgia N.O., Irene C., Piergiorgio G., Sonia F., Marta M., **Manjunatha H.B.**, Arivuoli D., Gianluca C., Chiara V. B. Ceramics International, 42 (12), 13761–13772, 2016. (IF-2.758)
87. Harsh impact of temperature on proteomic profile of the silkworm *Bombyx mori* L. Bhat, M.A., Buhroo, Z.I. and **Manjunatha, H.B.** Journal of Cell and Tissue Research, 16(3), 5929-5935, 2016.

**Prof. T.S. Jagadeeshkumar**

88. Changes in fatbody lipid level during pupal and adult stages of bivoltine and multivoltine silkworm, *Bombyx mori* L.  
Ramya M. N and **T. S. Jagadeesh Kumar**.  
International Journal of Science and Nature. Society of Science and Nature, 6 (2), 2016.
89. Evaluation of morphometric traits of adult and their longevity of selected multivoltine and bivoltine breeds of mulberry silkworm, *Bombyx mori* L.  
Ramya M N and **T S Jagadeesh Kumar**.  
International Journal of Applied Research, 4.3, 2016.
90. Evaluation of genetic divergence and allelic-specificity in relation to expression of voltinism in silkworm, using ISSR and RAPD. fingerprinting.  
Maryam Talebi Haghighi and **T. S. Jagadeesh Kumar**  
Russian Journal of Genetics, 52, 11-12, 2016.

**Prof. B. Sannappa**

91. Evaluation of castor hybrids / varieties employing growth and yield characters for exploitation in seed production and eri silkworm rearing.  
**Sannappa, B.**, Manjunath, D., Manjunath, K.G. and Prakash, B.K.  
International Journal of Applied Research, 2 (2), 135-140. 2016.

**Dr. M.N. Anilkumar**

92. Folic acid as a nutrient supplement with mulberry leaf and its impact on the economic traits of silkworm (*Bombyx mori* L.).  
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