BIO-DATA

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Publications:

1. H. Manikandan, S. Sivapriya, S. Priyanka, M. Seenivasan, **V. Rajathi**, Green synthesis, spectroscopic and quantum chemical calculations of some pyrimidine derivatives, Materials Today: Proceedings, Volume 66, Number 1, **2022**, pp. 2322-2331. https://www.sciencedirect.com/science/article/abs/pii/S2214785322043395

2. G. Logeshwari, K.R. Jeyashri, M. Rajkumar, H. Manikandan, K. Sivakumar, S. Selvanayagam, **V. Rajathi,** Benzylidene-isophorone hybrids with strong anticancer activity. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy Volume 319, **2024**, 124577. https://www.sciencedirect.com/science/article/abs/pii/S1386142524007431

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4. **V. Rajathi**, B. Babitha, H. Manikandan, Studies On The Impact Of Heavy Metal Chromium On Protein Metabolism In Sphaerodema Rusticum (Heteroptera: Belastomatidae), Journal of Advanced Zoology, Vol. 42 No. 02, **2021**, pp 261-266. https://jazindia.com/index.php/jaz/article/view/4481/3920

5. **V. Rajathi**, M.Veerappan, H. Manikandan, The Effect Of Copper Nanoparticles (CUNPS) In Food On The Feed Efficacy Of The Silkworm, Bombyx Mori (L.) (Lepidoptera: Bombycidae), Journal of Advanced Zoology, Vol. 42 No. 02 305-314 (**2021**). https://jazindia.com/index.php/jaz/article/view/4702/4099.

6. E. Enbaraj, E. Dhineshkumar, K. R. Jeyashri, G. Logeshwari, V. J. Ramya Devi, H. Manikandan, M. Seenivasan, **V. Rajathi**, J. Chakkaravarthy and R. Govindaraju, Novel Synthesis of *NE, N'E-4,4'-sulfonylbis(N-(substituted-dichlorobenzylidene) anilines* derivative their application biological and DFT studies. *J. Phys.: Conf. Ser.* **1724** 012046, (**2021**) **DOI** 10.1088/1742-6596/1724/1/012046, https://iopscience.iop.org/article/10.1088/1742-6596/1724/1/012046/meta.

7. V.Rajathi and B. Babitha, Studies on the Impact of Heavy Metal Chromium on Biochemical Changes in the Adult Male Insect Sphaerodema rusticum Relation to Reproduction (Heteroptera : Belostomatidae), Indian Journal of Natural Sciences, Vol.15 Issue 85, 77981-77984, (**2024**) **DOI:** https://doi.org/10.53555/AJBR.v27i4S.5543, https://africanjournalofbiomedicalresearch.com/index.php/AJBR/article/view/5543,