

## **Publications: 95**

1. T.N.Lohith, M.K.Hema, C.S.Karthik, S.Sandeep, L.Mallesha, P.Mallu, R.Jothi Ramalingam, M.A.Sridhar, Muthusamy Karnan, N.K.Lokanath. Probing the hydrogen bond network in the crystal structure of a sulfonamide derivative: A quantum chemical approach, **Journal of Molecular Structure**, Volume 1289, **30 May 2023**, 135841, **Elsevier Science Direct** IF=3.8, Scopus.
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6. Karthik G, Vidya J.S. and **Mallesha L.** Review on biological activity and corrosion studies of 1,2,4-triazole derivatives. **International Journal of Research and analytical Review**, IJRAR.ORG, ISSN: 2348-1269, 9(2), 350-367, **April 2022**.
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- antibacterial contender against superbugs MRSA. **Journal of Molecular Structure, ISSN: 0022-2860, Elsevier ScienceDirect, Jan 2022**, IF=3.2, Scopus, 1247.
8. C.S. Karthik, M.H. Chethana, H.M. Manukumar, A.P. Ananda, S. Sandeep, S. Nagashree, **L. Mallesha**, P. Mallu, H.S. Jayanth, B.P. Dayananda, Synthesis and characterization of chitosan silver nanoparticle decorated with benzodioxane coupled piperazine as an effective anti-biofilm agent against MRSA: A validation of molecular docking and dynamics, **International Journal of Biological Macromolecules, Elsevier Science Direct, Sept. 2021**, IF=8.02, Scopus (**Accepted**).
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