

# *Publications*

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**Publications**

- A Comparative study on Theoretical and Experimental Biological activities of Novel Pyrano quinolines, **D. Mageswari**, G. Selvi, R. Namitha, *Int. J. Comp. Int. Res. (IJCIR)*, 13(5), 2017, 1015-1020.
- Theoretical and Experimental Investigations on the biological studies on Novel triazino quinolines, R.Namitha, G. Selvi, **D.Mageswari**, *Int. J. Comp. Int. Res. (IJCIR)*, 13(5), 2017, 1021-1025.
- Synthesis, characterisation, pharmacological studies and Quantum Chemical Calculations of Osmium (III) complex, G.Sathya Priyadarshini, R. Namitha, **D. Mageswari**, G.Selvi\*, *Int. J. Chem. Sci.*, 15(3), 2017, 158
- Comparison of Theoretical & Experimental studies of 2-oxo-4-phenyl quinoline, **D. Mageswari**, G. Selvi, *Che. Sci. Rev. Lett*, 5(19), 230-241, 2016.
- Synthesis Characterization and Antioxidant Activity of Ni (II) and Co (II) Quinoline Schiff Base, G.Selvi, G.Sathya Priyadarshini, R. Namitha, **D. Mageswari**, *J. Inno. Res. Sci. Eng. Tech.* Vol. 5, Special Issue 1,2016, 102-106.
- Study on the Coordination Behaviour of Amide Bases in Copper(II)Complexes, G. Sathya Priyadarshini, G. Selvi, **D. Mageswari**, *Che Sci Rev Lett*, 4(14), 770-776, June 2015.
- Synthesis, Characterization, molecular docking and molecular dynamic simulation studies of 3-hydroxy-4-phenylpyrrolo[2,3-*b*]quinoline, **D. Mageswari**, G. Selvi *Molecules*, Communicated.

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**Paper Presented in the Conferences**

- ✓ Study on the Coordination Behaviour of Amide Bases in Copper(II)Complexes, one day National Conference on Fundamental and Applied Chemistry(NCFAC) organized by Dhirajlal Gandhi College of Technology, Salem on 4<sup>th</sup> October 2013.
- ✓ Synthesis and Characterization of Novel Pyrano Quinolines, 'Chemistry-Frontiers and Challenges' Department of Chemistry, PSGRKC, Coimbatore on 5-7<sup>th</sup>, February 2014.
- ✓ Comparison of Theoretical & Experimental studies of 2-oxo-4-phenyl quinoline, National Symposium on X-Ray Diffraction and Recent Advances in Crystallography (XDRAC-2015) organized by Department of Physics, Periyar University, Salem on 27-28, February 2015.
- ✓ Pharmacological activities of novel 5-hydroxy-4*H*-pyrano[4,3-*c*]-quinolin-1,3-dione based on Theoretical studies, AGCP: Chemical And Material Science Sectors – A Perspective held at PSG College of Pharmacy, Coimbatore on 28-31 October 2015.
- ✓ Synthesis and Characterization of 4-phenyl-3*H*-furo[2,3-*b*]-quinolin-2-one derivatives at NCIC -2016 held at Guru Nanak College, Chennai, Salem on 28-30 January 2016.
- ✓ Comparison of Microwave assisted and green synthesis of New Copper Complexes 2<sup>ND</sup> NCFAC organized by Chemical Science review and letters held on 4<sup>th</sup> June 2016.
- ✓ Docking studies on 5-hydroxy-4*H*-pyrano[4,3-*c*]-quinolin-1,3-dione, ICNDB 2017 held at HCAS, Coimbatore on 24<sup>th</sup> February 2017 (**Awarded-The Best Paper**).
- ✓ Synthesis and Characterization of 3-hydroxy-4-phenylpyrrolo[2,3-*b*]-quinoline derivatives, 'Emerging Trends and Future Challenges in Chemical Sciences' PSGRKC, Department of Chemistry, Coimbatore on 10-11<sup>th</sup> August-2017.
- ✓ Molecular docking studies on 4-hydroxy-2*H*-thieno[3,2-*c*]-quinolin-3-one with Thymus DNA at MPRTT 2017 held at Avinashilingam Institute for Home Science and Higher Education, Coimbatore, 18<sup>th</sup> -19<sup>th</sup> December 2017 (**Awarded-The Best Paper**).