

LIST OF APPENDICES

APPENDIX A: List of Publications

Published

1. Shil, S.; **Sarbadhikary, P.**; Misra, A. Effect of length on the transport and magnetic properties of diradical substituted molecular wires. *RSC Adv.* **2016**, *6*, 99467-99474.
2. **Sarbadhikary, P.**; Shil, S.; Misra, A. A Perspective on Designing Chiral Organic Magnetic Molecules with Unusual Behavior in Magnetic Exchange Coupling. *J. Org. Chem.* **2016**, *81*, 5623-5630.
3. **Sarbadhikary, P.**; Shil, S.; Misra, A. Magnetic and Transport Properties of Conjugated and Cumulated Molecules: the π -System Enlightens Part of the Story. *Phys. Chem. Chem. Phys.* **2018**, *20*, 9364-9375.

Communicated

4. **Sarbadhikary, P.**; Misra, A. Magnetic modulation in heteroallene and heterocumulene based *tert*-butyl nitroxidediradicals: spin delocalization and conformation play crucial roles, Communicated, **2021**.

APPENDIX B: Poster presentations

1. A Perspective on Designing Chiral Organic Magnetic Molecules with Unusual Behavior in Magnetic Exchange Coupling, **Prodipta Sarbadhikary** and Anirban Misra*, 19th CRSI National Symposium in Chemistry 2016, Organized by Department of Chemistry, University of North Bengal, Darjeeling, India.

2. Magnetic and Transport Properties of Conjugated and Cumulated Molecules: the π -System Enlightens Part of the Story, **Prodipta Sarbadhikary** and Anirban Misra*, 15th Indian Theoretical Chemistry Symposium 2016, Hyderabad.

APPENDIX C: Acknowledgements

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