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**LIST OF PUBLICATION**

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1. **M. K. Dixit**, D. Chery, C. Mahendar, C. Bucher and M. Dubey, "Nanofabrication of Au nanoparticles over conductive metallohydrogel nanofibers for nanocatalysis application," *Inorg. Chem. Front.*, DOI: 10.1039/c9qi01514k. (Impact Factor: **5.93**),
2. **M. K. Dixit**, Y. Kumar, J. Shukla and C. Mahendar and M. Dubey, "Bis(Acylhydrazone)-Based Bolaamphiphiles: Effect of Spacer Length on Metalloorganogel Formation, Fluorescence and Conductance Properties," *ChemPlusChem* 10.1002/cplu.201900589. (Impact Factor: **3.44**)
3. **M. K. Dixit**, C. Mahendar and M. Dubey, "Cd<sup>2+</sup>-induced Fluorescent Metallogel: A case of CHEF and ACQ phenomenon," *Chem. Asian J.* 10.1002/asia.201900559. (Impact Factor: **3.69**)
4. **M. K. Dixit** and M. Dubey, "Li<sup>+</sup>-Induced fluorescent metallogel: a case of ESIPT-CHEF and ICT phenomenon," *Phys. Chem. Chem. Phys.*, **2018**, v. 20, pp. 23762-23772. (Impact Factor: **3.57**)
5. V. K. Pandey# **M. K. Dixit**,# S. Manneville, C. Bucher, M. Dubey, "A multi-stimuli responsive conductive sonometallogel: a mechanistic insight into the role of ultrasound in gelation," *J. Mater. Chem. A*, **2017**, v. 5, pp. 6211-6218. (Impact Factor: **10.73**)  
#Authors contributed equally to the work.
6. **M. K. Dixit**, Vinay Kumar Pandey and M. Dubey, "Alkali base triggered intramolecular charge transfer metallogels based on symmetrical A- $\pi$ -D-chiral-D- $\pi$ -A type ligands," *Soft Matter*, **2016**, v. 12, pp. 3622-3630. (Impact Factor: **3.39**)
7. C. Mahendar, Y. Kumar, **M. K. Dixit** and M. Dubey, "A study on thixotropic rheological behavior and conductance of metallogel," (under revision).
8. C. Mahendar, **M. K. Dixit**, Y. Kumar and M. Dubey, "A unique case of metallogel to metallogel transformation," submitted.

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1. **M. K. Dixit** and M. Dubey, Li<sup>+</sup>-inspired charge transfer and gelation of homochiral structural isomers derived from L-tartaric acid, “MTIC-XVI **2015** (16th International Symposium on Modern Trends in Inorganic Chemistry)” hosted by Jadavpur University, Kolkata.
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