
2. Bhanudas Naik, Subhenjit Hazra, Dayananda Desagani, Barun Kumar Ghosh, Manoj Kumar Patra, Sampat Raj Vadera, Narendra Nath Ghosh Preparation of magnetically separable CoFe$_2$O$_4$ supported Ag nanocatalysts and catalysis reaction towards decolorization of variety of dyes *RSC Advances* 5, 40193–40198 (2015).


4. Subhenjit Hazra, Barun Kumar Ghosh, Manoj Kumar Patra, Raj Kumar Jani, Sampat Raj Vadera, Narendra Nath Ghosh A Novel ‘One-Pot’ Synthetic Method for Preparation of (Ni$_{0.65}$Zn$_{0.35}$Fe$_2$O$_4$)$_x$-(BaFe$_{12}$O$_{19}$)$_{1-x}$ nanocomposites and Study of their Microwave absorption and Magnetic properties *Powder Technology* 279, 10–17 (2015).


methodology for preparation of mesoporous alumina: Efficient adsorbent for defluoridation of water” *Particulate Science and Technology* 33: 8–16 (2015)

13. “Spectroscopic studies for the changes of a Cr(II) compound in solution triggered by the deprotonation of an aqua ligand”

14. “Revealing the active role of the terminal CNO moiety in the photochemical oxaziridine conversion process of some chemopreventive retinyl nitrones through hybrid QM:QM and QM:MM ONIOM calculations”

15. “A comprehensive spectroscopic investigation of α-(2-naphthyl)-N-methylnitrone: A computational study on photochemical nitrone-oxaziridine conversion and thermal E-Z isomerization processes”
Praveen Saini and Anjan Chattopadhyay *RSC Advances* 5 (2015) 22148

16. “A computational investigation of the photochemical oxaziridine and amide conversion process of open-chain conjugated nitrene with electron-withdrawing trifluoromethyl group on nitrogen”


19. A mild and efficient route to 3-vinylchromones in aqueous micellar media, Vikash Kumar, Amrita Chatterjee and Mainak Banerjee, *Synthetic Communications*, Just accepted article.


