

List of Publications

1. **M. Srivastava**, S. K. Alla, Sher Singh Meena, Nidhi Gupta, R. K. Mandal and N. K. Prasad, *Zn_xFe_{3-x}O₄ (0.01 ≤ x ≤ 0.8) nanoparticles for controlled magnetic hyperthermia application*, New Journal of Chemistry, 2018,42, 7144.
2. **M. Srivastava**, S.S. Meena, R. K. Mandal, S.M. Yusuf, N. K. Prasad*, *AC magnetic field regulated in-vivo switch of Hf-substituted magnetite (Hf_xFe_{3-x}O₄, 0.01 ≤ x ≤ 0.8) nanoparticles*, Journal of Alloys and Compounds, 2016, 688, 219-227.
3. N. K. Prasad, **M. Srivastava**, S. K. Alla, J. R. Danda, D. Adityaa and R. K. Mandal, *Zr_xFe_{3-x}O₄ (0.01 ≤ x ≤ 1.0) nanoparticles: a possible magnetic in vivo switch*, RSC Advances, 2016, 6, 41268.
4. **M. Srivastava**, S. K. Alla, Sher Singh Meena, N. Gupta, R. K. Mandal, N. K. Prasad, *Controlled magnetic hyperthermia by Li_xFe_{3-x}O₄ (0.06 ≤ x ≤ 0.3) nanoparticles (To be submitted)*

PATENT

Patent Application # 201811002355, dated 19.01.2018 on, Trivalent Al³⁺ doped magnetite and a method of preparation thereof. (Indian patent filed)