RAMAIAH UNIVERSITY OF APPLIED SCIENCES

List of Q1 Ranking Papers Published in SCOPUS Indexed Journal

(1 April 2021 to 31 March 2022)

FACULTY OF MATHEMATICAL AND PHYSICAL SCIENCES

Department: Physics

Sl. No.	Paper Details
1	Manjunatha, K., Longo, E., Jagadeesha Angadi, V., Ribeiro, R. A. P., Oliveira, M. C., Manjunatha, S. O., de, Lazaro, S. R. and Ayachit, N. H. (2021) Towards Shape-Oriented Bi-Doped $CoCr_20_4$ Nanoparticles from Theoretical and Experimental Perspectives: Structural, Morphological, Optical, Electrical and Magnetic Properties, *J. of Materials Chemistry C 9*, pp. 6452.
2	Narasimhamurthy, K. N., Darshan, G. P., Sharma, S. C., Premkumar, H. B., Adarsha, H. and Nagabhushana, H. (2021) Surface Functionalized Inorganic Phosphor by Grafting Organic Antenna for Long Term Preservation of Latent Fingerprints and Data-Security Applications, *J. of Colloid and Interface Science 600*, pp. 887-897.

Department: Chemistry

Sl. No.	Paper Details
1	Remlalfaka, W., Murugesan, C., Anantharamaiah, P. N. and Prabu, N. Manikanda. (2021) Fabrication of Magnetically Recoverable $BiVO_4/NiFe_2O_4$ Composites for the Photocatalytic Degradation of Methylene Blue, *Ceramics International J.*, 47(08), pp. 11526-11535.
2	Anantharamaiah, P. N., Prerna Rao, B., Shashanka, H. M., Chelvane, J. A., Khopkar V. and Sahoo, B. (2021) Role of Mg^{2+} and In^{3+} Substitution on Magnetic, Magnetostrictive and Dielectric Properties of $NiFe_2O_4$ Ceramics Derived from Nanopowders, *Physical Chemistry Chemical Physics*, 23, pp. 1694-1705.
3	Anantharamaiah, P. N., Shashanka, H. M., Kumar, R., Chelvane, J. A. and Sahoo, B. (2021) Chemically Enabling $CoFe_2O_4$ for Magnetostrictive Strain Sensing Applications at Lower Magnetic Fields: Effect of Zn substitution, *Materials Science and Engineering B*, 266, pp. 115080.
4	Anantharamaiah, P. N., Shashanka, H. M., Saha, S., Chelvane, J. A. and Sahoo, B. (2021) Enabling Cobalt Ferrite ($CoFe_2O_4$) for Low Magnetic Field Strain Responsivity Through Bi^{3+} Substitution: Material for Magnetostrictive Sensors, *J. of Alloys and Compounds*, 877, pp. 160285.