

List of Publication's – 2014

- 1) **Bharathi, A., Roopan, S.M., Kajbafvala, A., Padmaja, R.D., Darsana, M.S., Nandhini Kumari, G.**
Catalytic activity of TiO₂ nanoparticles in the synthesis of some 2,3-disubstituted dihydroquinazolin-4(1H)-ones
(2014) Chinese Chemical Letters, 25 (2), pp. 324-326. DOI: 10.1016/j.ccllet. 2013. 11. 040 Document Type: Article Source: Scopus
- 2) **Selvaraj, J., Marimuthu, P.D., Babu, H.P.**
Evaluation of age-standardized cancer burden in western Tamil Nadu, India
(2014) Indian Journal of Community Health, 26 (3), pp. 222-229. Document Type: Article Source: Scopus
- 3) **Vijayalakshmi, D., Manoharan, P.**
Corporate leverage and its impact on profitability and shareholder value creation in the Indian textile sector
(2014) Indian Journal of Finance, 8 (12), pp. 21-34. Document Type: Article Source: Scopus
- 4) **Manikandan, R., Kalaichelvi, S., Ezhili, N.**
Potential ecological assessment of sediment quality and heavy metals contamination in Kuruchi lake, Tamil Nadu, India
(2014) Journal of Materials and Environmental Science, 5 (4), pp. 1119-1124. Document Type: Article Source: Scopus
- 5) **Balavijayalakshmi, J., Suriyanarayanan, N., Jayaprakash, R.**
Effects of sintering on structural and magnetic properties of Cu substituted cobalt-nickel mixed ferrite nano particles
(2014) Journal of Magnetism and Magnetic Materials, 362, pp. 135-140. DOI: 10.1016/j . jmmm . 2014.03.005 Document Type: Article Source: Scopus
- 6) **Saranya, J., Sounthari, P., Kiruthika, A., Saranya, G., Yuvarani, S., Parameswari, K., Chitra, S.**
Experimental and quantum chemical studies on the inhibition potential of some quinoxaline derivatives for mild steel in acid media
(2014) Oriental Journal of Chemistry, 30 (4), pp. 1719-1736. DOI: 10.13005/ojc/300431 Document Type: Article Access Type: Open Access Source: Scopus
- 7) **Balavijayalakshmi, J., Sudha, T., Karthika, K.**
Investigation on structural and magnetic properties of cobalt doped magnesium ferrite nanoparticles
(2014) International Journal of ChemTech Research, 7 (3), pp. 1279-1283. Document Type: Article Source: Scopus

8) Sumathi, K., Arunachalam, T., Radha, N.

[Effect of magnetic field on three dimensional fluctuating couette slip flow past porous plates](#)

(2014) Applied Mathematical Sciences, 8 (177-180), pp. 8809-8821. DOI: 10.12988

/ams.2014.410863 Document Type: Article Source: Scopus

9) Balavijayalakshmi, J., Manju, S., Lavanya, S.

[Synthesis and characterization of cupric chloride doped zinc sulphide nanoparticles](#)

(2014) International Journal of ChemTech Research, 7 (3), pp. 1284-1289.

Document Type: Article Source: Scopus

10) Nalini, D., Kohilah, K.S., Ramkumar, S.

[A combined experimental and theoretical investigation on pyrazolone derivative as corrosion inhibitor for mild steel in 0.5 M sulphuric acid media](#)

(2014) Portugaliae Electrochimica Acta, 32 (2), pp. 109-123. DOI: 10.4152/pea.201402109

Document Type: Article Access Type: Open Access Source: Scopus

11) Mariyal, C., Suresh, P., Rajesh, K.B., Sivasubramonia Pillai, T.V., Lavanya, M.

[Effect of annular obstruction on tight focusing of partially coherent radially polarized Vortex beam](#)

(2014) Optik, 125 (12), pp. 2934-2937. DOI: 10.1016/j.ijleo.2013.12.080 Document Type: Article

Source: Scopus

12) Matsui, H., Santhi, K., Sugiyama, S., Yoshihara, M., Karuppuchamy, S.

[Visible light-induced photocatalytic activity of SiO₂/carbon cluster composite materials](#)

(2014) Ceramics International, 40 (1 PART B), pp. 2169-2172. DOI: 10.1016/j.ceramint.2013.07.134

Document Type: Article Source: Scopus