Publications Chemistry Department

Dr. R. V. Shejwal


7. Synthesis of new Triazolo and pyrozolo Benzothiazoles
M.B.Deshmukh, S.S.Patil, S.D.Jadhav, **R.V.Shejwal**

Indian Journal of heterocyclic chemistry vol.20, Oct-Dec -2010 pp-163-166

8. 2- octylaminopyridine as an analytical Extractant for liquid-liquid extraction and separation of cadmium(II) from toxic metal ions

C.P.Mane, S.V.Mahamuni, A.P. Gaikwad, **R.V.Shejwal**, S.S.Kolekar, M.A.Anuse

Communicated to Journal of I Chemical Society.

**Dr C. P. Mane**

1. Extraction and separation of mercury(II) from succinate media with high molecular weight amine as an extractant

   Mane, C.P. Mahamuni, S.V. Gaikwad, A.P. (...), Kolekar, S.S. Anuse, M.A.

   Journal of Saudi Chemical Society

2. Hexavalent chromium recovery by liquid-liquid extraction with 2-octylaminopyridine from acidic chloride media and its sequential separation from other heavy toxic metal ions, Arabian Journal of Chemistry


3. Studies on liquid-liquid extraction and recovery of bismuth(III) from succinate media using 2-octylaminopyridine in chloroform


4. Extraction behaviour of 2-octylaminopyridine towards lead(II) from succinate media and its separation from other toxic metals

Dr A. M. Nalawade
Mrs R A Nalawade

1. Shape-controlled preparation and catalytic activity of metal nanoparticles for hydrogenation of 2-butyne-1,4-diol and styrene oxide
   Applied Catalysis A: General

2. Carbon-carbon bond formation via palladium catalyzed reactions of organomercurials with acylhalides
   Journal of the Indian Chemical Society

3. Spectral, thermal, XRD and biological studies on 4-(p-fluorophenyl)-2-aminothiazole
   Journal of the Indian Chemical Society

4. Palladium catalyzed cross-coupling reactions of organomercurials
   Journal of the Indian Chemical Society

5. Co II and Zn II complexes of Schiff bases derived from fluoroaminothiazole: Spectral, magnetic and biological studies
   Journal of the Indian Chemical Society

Year 13-14
1. Microwave assisted synthesis, characterization of substituted 2-aminothiazoles and their biological activity, *DAV International Journal of Science* Volume-2, Issue-1 January, 65,2013 ISSN: 2277-5536 (Print); 2277-5641 (Online)

2] 4-(o-chlorophenyl)-2-Aminothiazole: Microwave assisted synthesis, spectral, thermal, XRD and biological studies
S. V. Rajmane, A. S. Lawand, A. M. Nalawade, N. N. Karale and P. G. More
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Volume 115, p. 393-398.

3] Thiazole Containing Schiffs Bases and Their Transition Metal Complexes International of Engineering Science Invention ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726
www.ijesi.org Volume 2 Issue 7 | July. 2013 | PP.01-04

Publication in Seminar /Conferences

1) Microwave assisted synthesis, structure, spectral characterization and biological studies of (e)-n'-(4methylbenzylidene)hydrazinecarbothiohydrazide

Published in International J. of Researches in Biosciences ISSN-2347-517X, Issue-1, May -2015 page No-139-141

2] Microwave assisted synthesis, structure, spectral characterization and biological studies of (e)-n'-(4-fluoro benzylidene)hydrazinecarbothiohydrazide

Published in International J. of Researches in Biosciences ISSN-2347-517X, Issue-1, May -2015 page No-95-97
3] Divalent cadmium recovery by liquid-liquid extraction with 2-octylaminopyridine from acidic bromide media and its separation from other toxic metal ions


Published in International J. of Researches in Biosciences ISSN-2347-517X, Issue-1, May-2015 page No-68-71

4] Analysis of physico-chemical parameters of water in various villages in tasgaon tahsil, district. maharashtra- India


5] Microwave assisted synthesis, structure and spectral characterization of (e)-n'-(2-hydroxybenzylidene) hydrazinecarbothiohydrazide under solvent and catalyst free conditions

R.A. Nalawade, A.M. Nalawade, B.S. Londhe, N.L. Tarwal, R.V. Shejwal, M.A. Anuse

Published in Bionanofrontier, SGM, Karad, March 2015

6] Physicochemical and biological studies on 4-(o,p-dichlorophenyl)-2-aminothiazole


Published in International J. of Pharmaceutical Science Invention, ISSN-2319-670X, vol-3, issue 9, Sept 2014, page no-55-59


Rekha A. Nalawade, Avinash M. Nalawade, Shivaji V. Rajmane, Rajendra V. Shejwal

Published in International J. of Pharmaceutical Science Invention, ISSN-2319-670X, vol-4, issue 5, May 2015, page no-1-4
1] Rapid, synergistic extractive spectrophotometric determination of copper(II) by using sensitive chromogenic reagent N"N"'-bis[(E)-(4-fluorophenyl)methylidene]thiocarbonohydrazide

Rekha A. Nalawade, Avinash M. Nalawade, Ganesh S. Kamble, Mansing A. Anuse


7/2015

2] Microwave assisted synthesis, structure and spectral characterization of novel Schiff’s bases of Thiocarbonohydrazides under solvent and catalyst free conditions


Published in Research J. of Chemistry and Environment, volume 19(10), Oct 2015,

page no 25-28