

## DEVI AHILYA UNIVERSITY INDORE

Published Research Papers (01-01-2007 to 10-01-2013)  
(Web of Science)

1. Title: Analogue-based design, synthesis and docking of non-steroidal anti-inflammatory agents. Part 2: Methyl sulfanyl/methyl sulfonyl substituted 2,3-diaryl-2,3-dihydro-1H-quinazolin-4-ones  
Author(s): Manivannan, E.; Chaturvedi, S. C.  
Source: BIOORGANIC & MEDICINAL CHEMISTRY Volume: 20 Issue: 24 Pages: 7119-7127 DOI: 10.1016/j.bmc.2012.09.069 Published: DEC 15 2012  
Times Cited: 0 (from Web of Science)
2. Title: Differential actions of proteinases and neuraminidase on mammalian erythrocyte surface and its impact on erythrocyte agglutination by concanavalin A  
Author(s): Sharma, Savita; Gokhale, Sadashiv M.  
Source: GENERAL PHYSIOLOGY AND BIOPHYSICS Volume: 31 Issue: 4 Pages: 457-468 DOI: 10.4149/gpb\_2012\_051 Published: DEC 2012  
Times Cited: 0 (from Web of Science)
3. Title: Anti-microbial benzimidazole derivatives: synthesis and in vitro biological evaluation  
Author(s): Soni, Love Kumar; Narsinghani, Tamanna; Sethi, Anand  
Source: MEDICINAL CHEMISTRY RESEARCH Volume: 21 Issue: 12 Pages: 4330-4334 DOI: 10.1007/s00044-012-9976-2 Published: DEC 2012  
Times Cited: 0 (from Web of Science)
4. Title: Structure and Bonding Analysis of the Cationic Electrophilic Phosphinidene Complexes of Iron, Ruthenium, and Osmium  $[(\eta(5)\text{-C}_5\text{Me}_5)(\text{CO})(2)\text{M}\{(\text{PNPr}_2)\text{-Pr-i}\}]^+$ ,  $[(\eta(5)\text{-C}_5\text{H}_5)(\text{CO})(2)\text{M}\{\text{PNR}_2\}]^+$  (R = Me, Pr-i), and  $[(\eta(5)\text{-C}_5\text{H}_5)(\text{PMe}_3)(2)\text{M}\{\text{PNMe}_2\}]^+$  (M = Fe, Ru, Os)  
Author(s): Pandey, Krishna K.; Tiwari, Pradeep; Patidar, Pankaj  
Source: JOURNAL OF PHYSICAL CHEMISTRY A Volume: 116 Issue: 47 Pages: 11753-11762 DOI: 10.1021/jp309092t Published: NOV 29 2012  
Times Cited: 0 (from Web of Science)
5. Title: New data reduction algorithm for voltammetric signals of electronic tongue for discrimination of liquids  
Author(s): Kiranmayee, A. H.; Panchariya, P. C.; Sharma, A. L.  
Source: SENSORS AND ACTUATORS A-PHYSICAL Volume: 187 Pages: 154-161 DOI: 10.1016/j.sna.2012.08.030 Published: NOV 2012  
Times Cited: 0 (from Web of Science)
6. Title: Synthesis, spectroscopic, thermal and antimicrobial studies of toluene-3,4-dithiolatoarsenic(III) derivatives with some oxygen and sulphur donor ligands  
Author(s): Chauhan, H. P. S.; Bhatiya, Sumit  
Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 97 Pages: 1133-1139 DOI: 10.1016/j.saa.2012.07.086 Published: NOV 2012  
Times Cited: 0 (from Web of Science)

7. Title: Effect of microwave on distribution of Zr<sup>4+</sup> and Ti<sup>4+</sup> during sol-gel synthesis of ZrTiO<sub>4</sub> nanoparticles  
Author(s): Dwivedi, Reena; Verma, Akрати; Prasad, R.; et al.  
Source: OPTICAL MATERIALS Volume: 35 Issue: 1 Pages: 33-37 DOI: 10.1016/j.optmat.2012.06.017 Published: NOV 2012  
Times Cited: 0 (from Web of Science)
8. Title: Intraspecific variations in growth, yield and photosynthesis of sorghum varieties to ambient UV (280-400 nm) radiation  
Author(s): Kataria, Sunita; Guruprasad, K. N.  
Source: PLANT SCIENCE Volume: 196 Pages: 85-92 DOI: 10.1016/j.plantsci.2012.07.011  
Published: NOV 2012  
Times Cited: 0 (from Web of Science)
9. Title: Universal drying rate constant of seedless grapes: A review  
Author(s): Singh, S. P.; Jairaj, K. S.; Srikant, K.  
Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 16 Issue: 8 Pages: 6295-6302 DOI: 10.1016/j.rser.2012.07.011 Published: OCT 2012  
Times Cited: 0 (from Web of Science)
10. Title: ORDER-DISORDER SCIENTIFIC PHILOPHY - II  
Author(s): Srivastava, S. K.  
Source: CHIANG MAI JOURNAL OF SCIENCE Volume: 39 Issue: 4 Pages: IV-VI Published: OCT 2012  
Times Cited: 0 (from Web of Science)
11. Title: Whole-Genome Sequence of Corynebacterium pseudotuberculosis Strain Cp162, Isolated from Camel  
Author(s): Hassan, Syed Shah; Schneider, Maria Paula C.; Juca Ramos, Rommel Thiago; et al.  
Source: JOURNAL OF BACTERIOLOGY Volume: 194 Issue: 20 Pages: 5718-5719 DOI: 10.1128/JB.01373-12 Published: OCT 2012  
Times Cited: 0 (from Web of Science)
12. Title: Changes in glial fibrillary acidic protein (GFAP) levels in Dehydro-epiandrosterone (DHEA) treated iron-induced epileptic rats  
Author(s): Mishra, M.; Singh, R.; Prakash, M.; et al.  
Source: EUROPEAN JOURNAL OF NEUROLOGY Volume: 19 Special Issue: SI Supplement: 1 Pages: 606-606 Published: SEP 2012  
Times Cited: 0 (from Web of Science)
13. Title: Combined Effects of Quercetin and Atenolol in Reducing Isoproterenol-Induced Cardiotoxicity in Rats: Possible Mediation Through Scavenging Free Radicals  
Author(s): Panda, Sunanda; Kar, Anand; Banerjee, Tushar; et al.  
Source: CARDIOVASCULAR TOXICOLOGY Volume: 12 Issue: 3 Pages: 235-242 DOI: 10.1007/s12012-012-9161-3 Published: SEP 2012  
Times Cited: 1 (from Web of Science)
14. Title: Oxyradicals and PSII activity in maize leaves in the absence of UV components of solar spectrum  
Author(s): Shine, M. B.; Guruprasad, K. N.

Source: JOURNAL OF BIOSCIENCES Volume: 37 Issue: 4 Pages: 703-712 DOI: 10.1007/s12038-012-9248-9 Published: SEP 2012  
Times Cited: 0 (from Web of Science)

15. Title: Oviposition and flight orientation response of *Aedes aegypti* to certain aromatic aryl hydrazono esters  
Author(s): Guha, Lopamudra; Seenivasagan, T.; Bandyopadhyay, Prabal; et al.  
Source: PARASITOLOGY RESEARCH Volume: 111 Issue: 3 Pages: 975-982 DOI: 10.1007/s00436-012-2921-y Published: SEP 2012  
Times Cited: 0 (from Web of Science)
16. Title: Exploration of polystyrene-supported 2-isobutoxy-1-isobutoxycarbonyl-1,2-dihydroquinoline (PS-IIDQ) as new coupling agent for the synthesis of 8-substituted xanthine derivatives  
Author(s): Bandyopadhyay, Prabal; Sathe, Manisha; Sharma, Pratibha; et al.  
Source: TETRAHEDRON LETTERS Volume: 53 Issue: 35 Pages: 4631-4635 DOI: 10.1016/j.tetlet.2012.04.135 Published: AUG 29 2012  
Times Cited: 0 (from Web of Science)
17. Title: A theoretical study of the bonding and charge distribution in cationic group 8 metal borylene and alylene complexes: Consequences for complex stability and reactivity  
Author(s): Pandey, Krishna K.; Aldridge, Simon  
Source: POLYHEDRON Volume: 43 Issue: 1 Pages: 131-139 DOI: 10.1016/j.poly.2012.06.028  
Published: AUG 13 2012  
Times Cited: 0 (from Web of Science)
18. Title: Phenol Red Dye Functionalized Nanostructured Silica Films as Optical Filters and pH Sensors  
Author(s): Chauhan, Shobhit Singh; Jasra, R. V.; Sharma, A. L.  
Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 51 Issue: 31 Pages: 10381-10389 DOI: 10.1021/ie201701t Published: AUG 8 2012  
Times Cited: 0 (from Web of Science)
19. Title: Changes in PS II heterogeneity in response to osmotic and ionic stress in wheat leaves (*Triticum aestivum*)  
Author(s): Singh-Tomar, Rupal; Mathur, Sonal; Allakhverdiev, Suleyman I.; et al.  
Source: JOURNAL OF BIOENERGETICS AND BIOMEMBRANES Volume: 44 Issue: 4 Pages: 411-419 DOI: 10.1007/s10863-012-9444-1 Published: AUG 2012  
Times Cited: 0 (from Web of Science)
20. Title: Low pH induced structural reorganization in thylakoid membranes  
Author(s): Jajoo, Anjana; Szabo, Milan; Zsiros, Otto; et al.  
Source: BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS Volume: 1817 Issue: 8 Special Issue: SI Pages: 1388-1391 DOI: 10.1016/j.bbabi.2012.01.002 Published: AUG 2012  
Times Cited: 0 (from Web of Science)
21. Title: QSAR studies of 7-methyljuglone derivatives as antitubercular agents  
Author(s): Sharma, Rajesh; Panigrahi, Debadash; Mishra, Ganesh Prasad  
Source: MEDICINAL CHEMISTRY RESEARCH Volume: 21 Issue: 8 Pages: 2006-2011 DOI: 10.1007/s00044-011-9731-0 Published: AUG 2012  
Times Cited: 0 (from Web of Science)

- 22.** Title: Structural, electronic and elastic properties of the new ternary alkali metal chalcogenides KLiX (X = S, Se and Te)  
Author(s): Seddik, T.; Khenata, R.; Bouhemadou, A.; et al.  
Source: COMPUTATIONAL MATERIALS SCIENCE Volume: 61 Pages: 206-212 DOI: 10.1016/j.commat.2012.04.020 Published: AUG 2012  
Times Cited: 0 (from Web of Science)
- 23.** Title: DPP-IV inhibitory potential of naringin: An in silico, in vitro and in vivo study  
Author(s): Parmar, Hamendra Singh; Jain, Palak; Chauhan, Digvijay Singh; et al.  
Source: DIABETES RESEARCH AND CLINICAL PRACTICE Volume: 97 Issue: 1 Pages: 105-111  
DOI: 10.1016/j.diabres.2012.02.011 Published: JUL 2012  
Times Cited: 0 (from Web of Science)
- 24.** Title: Tight controlled expression and secretion of Lactobacillus brevis SfpA in Lactococcus lactis  
Author(s): Hollmann, Axel; Saviello, Mariano; Delfederico, Lucrecia; et al.  
Source: BIOTECHNOLOGY LETTERS Volume: 34 Issue: 7 Pages: 1275-1281 DOI: 10.1007/s10529-012-0887-6 Published: JUL 2012  
Times Cited: 0 (from Web of Science)
- 25.** Title: Effect of stationary magnetic field strengths of 150 and 200 mT on reactive oxygen species production in soybean  
Author(s): Shine, M. B.; Guruprasad, K. N.; Anand, Anjali  
Source: BIOELECTROMAGNETICS Volume: 33 Issue: 5 Pages: 428-437 DOI: 10.1002/bem.21702  
Published: JUL 2012  
Times Cited: 0 (from Web of Science)
- 26.** Title: QSAR modeling of synthesized 3-(1,3-benzothiazol-2-yl) 2-phenyl quinazolin-4(3H)-ones as potent antibacterial agents  
Author(s): Sharma, Pratibha; Kumar, Ashok; Kumari, Prerna; et al.  
Source: MEDICINAL CHEMISTRY RESEARCH Volume: 21 Issue: 7 Pages: 1136-1148 DOI: 10.1007/s00044-011-9626-0 Published: JUL 2012  
Times Cited: 0 (from Web of Science)
- 27.** Title: Predicting 3H-1,2,4-triazolinones as angiotensin II receptor antagonists: 2D and 3D QSAR by kNN-molecular field analysis approach  
Author(s): Parate, Anupama; Chaturvedi, S. C.  
Source: MEDICINAL CHEMISTRY RESEARCH Volume: 21 Issue: 7 Pages: 1166-1178 DOI: 10.1007/s00044-011-9622-4 Published: JUL 2012  
Times Cited: 0 (from Web of Science)
- 28.** Title: Structure and bonding analysis of dimethylgallyl complexes of cobalt, rhodium and iridium [Me(PMe<sub>3</sub>)<sub>2</sub>(Me<sub>3</sub>GaCl)M(GaMe<sub>2</sub>)] (M = Co, Rh, Ir) and [Me(PMe<sub>3</sub>)<sub>2</sub>ClIr(GaMe<sub>2</sub>)]: A theoretical study  
Author(s): Pandey, Krishna K.  
Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 710 Pages: 6-11 DOI: 10.1016/j.jorganchem.2012.02.019 Published: JUL 1 2012  
Times Cited: 0 (from Web of Science)
- 29.** Title: A Study on the Biological Activity of 2-thioxo-imidazolidin-4-ones  
Author(s): Vengurlekar, Sudha; Sharma, Rajesh; Trivedi, Piyush

Source: LETTERS IN DRUG DESIGN & DISCOVERY Volume: 9 Issue: 5 Pages: 549-555  
Published: JUN 2012  
Times Cited: 0 (from Web of Science)

30. Title: Effect of Thickness and Radial Position of Aperture in a Pole Piece in Focusing of Multibeam Electron Gun  
Author(s): Nehra, Ashok; Sharma, R. K.; Kumar, Dheeraj; et al.  
Source: IEEE TRANSACTIONS ON PLASMA SCIENCE Volume: 40 Issue: 6 Pages: 1672-1677  
DOI: 10.1109/TPS.2012.2192504 Part: Part 2 Published: JUN 2012  
Times Cited: 0 (from Web of Science)
31. Title: A facile and rapid one-step synthesis of 8-substituted xanthine derivatives via tandem ring closure at room temperature  
Author(s): Bandyopadhyay, Prabal; Agrawal, Sumit K.; Sathe, Manisha; et al.  
Source: TETRAHEDRON Volume: 68 Issue: 20 Pages: 3822-3827 DOI: 10.1016/j.tet.2012.03.050  
Published: MAY 20 2012  
Times Cited: 2 (from Web of Science)
32. Title: Formation of iron nitride thin films with Al and Ti additives  
Author(s): Gupta, Rachana; Tayal, Akhil; Amir, S. M.; et al.  
Source: JOURNAL OF APPLIED PHYSICS Volume: 111 Issue: 10 Article Number: 103520 DOI: 10.1063/1.4718579 Published: MAY 15 2012  
Times Cited: 0 (from Web of Science)
33. Title: Development of mapping populations and their characterization for drought tolerance in wheat  
Author(s): Tomar, R. S.; Vinod; Tomar, S. M. S.; et al.  
Source: INDIAN JOURNAL OF GENETICS AND PLANT BREEDING Volume: 72 Issue: 2 Special Issue: SI Pages: 195-207 Published: MAY 2012  
Times Cited: 0 (from Web of Science)
34. Title: Structurally Modified Celecoxib Analogues for Selective COX-2 Inhibition: a Classical Hansch QSAR Approach  
Author(s): Manivannan, E.; Moorthy, N. S. H. N.  
Source: LATIN AMERICAN JOURNAL OF PHARMACY Volume: 31 Issue: 4 Pages: 561-566  
Published: MAY 2012  
Times Cited: 0 (from Web of Science)
35. Title: Preparation of PVA/Co/Ag film and evaluation of its magnetic and microstructural properties  
Author(s): Banerjee, M.; Sachdev, Preeti; Mukherjee, G. S.  
Source: JOURNAL OF APPLIED PHYSICS Volume: 111 Issue: 9 Article Number: 094302 DOI: 10.1063/1.4708058 Published: MAY 1 2012  
Times Cited: 0 (from Web of Science)
36. Title: Photosynthesis and yield in cotton (*Gossypium hirsutum* L.) Var. Vikram after exclusion of ambient solar UV-B/A  
Author(s): Dehariya, Priti; Kataria, Sunita; Guruprasad, K. N.; et al.  
Source: ACTA PHYSIOLOGIAE PLANTARUM Volume: 34 Issue: 3 Pages: 1133-1144 DOI: 10.1007/s11738-011-0910-x Published: MAY 2012  
Times Cited: 1 (from Web of Science)
37. Title: Development of suitable photobioreactor for algae production - A review

Author(s): Singh, R. N.; Sharma, Shaishav  
Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS Volume: 16 Issue: 4 Pages: 2347-2353 DOI: 10.1016/j.rser.2012.01.026 Published: MAY 2012  
Times Cited: 2 (from Web of Science)

38. Title: Formulation development of gastroretentive tablets of lamivudine using the floating-bioadhesive potential of optimized polymer blends  
Author(s): Singh, Bhupinder; Garg, Babita; Chaturvedi, Subhash Chand; et al.  
Source: JOURNAL OF PHARMACY AND PHARMACOLOGY Volume: 64 Issue: 5 Pages: 654-669  
DOI: 10.1111/j.2042-7158.2011.01442.x Published: MAY 2012  
Times Cited: 0 (from Web of Science)
39. Title: Theoretical investigation of triple bond in molybdenum complexes trans-[X(PMe<sub>3</sub>)(4) Mo E(Mes)] (X = F, Cl, Br, I; E = Si, Ge, Sn, Pb): A DFT study  
Author(s): Pandey, Krishna K.; Patidar, Pankaj  
Source: POLYHEDRON Volume: 37 Issue: 1 Pages: 85-93 DOI: 10.1016/j.poly.2012.02.020  
Published: APR 23 2012  
Times Cited: 0 (from Web of Science)
40. Title: Synthesis and exploration of QSAR model of 2-methyl-3-[2-(2-methylprop-1-en-1-yl)-1H-benzimidazol-1-yl] pyrimido[1,2-a] benzimidazol-4(3H)-one as potential antibacterial agents  
Author(s): Sharma, Pratibha; Kumar, Ashok; Sharma, Manisha; et al.  
Source: JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY Volume: 27 Issue: 2  
Pages: 294-301 DOI: 10.3109/14756366.2011.587814 Published: APR 2012  
Times Cited: 0 (from Web of Science)
41. Title: Theoretical investigation of M E bonds in transition metal-ylidyne complexes trans-[H(PMe<sub>3</sub>)(4)M ER] (M = Mo, W; E = Si, Ge, Sn, Pb; R = Mes, Xylyl)  
Author(s): Pandey, Krishna K.; Patidar, Pankaj  
Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 702 Pages: 59-66 DOI: 10.1016/j.jorganchem.2011.12.026 Published: APR 1 2012  
Times Cited: 1 (from Web of Science)
42. Title: The nature of M-Ga in metal(I) gallyl complexes of copper, silver and gold: A theoretical study  
Author(s): Pandey, Krishna K.  
Source: JOURNAL OF ORGANOMETALLIC CHEMISTRY Volume: 701 Pages: 75-79 DOI: 10.1016/j.jorganchem.2011.12.022 Published: MAR 15 2012  
Times Cited: 0 (from Web of Science)
43. Title: Studies on nutritional requirement for the culture of lichen Ramalina nervulosa and Ramalina pacifica to enhance the production of antioxidant metabolites  
Author(s): Verma, Neeraj; Behera, B. C.; Joshi, Ankita  
Source: FOLIA MICROBIOLOGICA Volume: 57 Issue: 2 Pages: 107-114 DOI: 10.1007/s12223-012-0100-2 Published: MAR 2012  
Times Cited: 0 (from Web of Science)
44. Title: Structure and bonding analysis in dihalobismuth complexes of iron, ruthenium and osmium [(eta(5)-C<sub>5</sub>H<sub>5</sub>)(CO)(2)M(BiX<sub>2</sub>)]: A theoretical study  
Author(s): Pandey, Krishna K.; Patidar, Pankaj; Tiwari, Pradeep  
Source: POLYHEDRON Volume: 34 Issue: 1 Pages: 84-91 DOI: 10.1016/j.poly.2011.12.028  
Published: FEB 28 2012

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45. Title: Analysis of genetic variability for kernel carotenoid concentration in selected maize inbred lines  
Author(s): Tiwari, Anshuman; Prasanna, B. M.; Hossain, Firoz; et al.  
Source: INDIAN JOURNAL OF GENETICS AND PLANT BREEDING Volume: 72 Issue: 1 Pages: 1-6 Published: FEB 2012  
Times Cited: 1 (from Web of Science)
46. Title: Oxidation of cyclohexene catalyzed by Cu(Salen) intercalated alpha-zirconium phosphate using dry tert-butylhydroperoxide  
Author(s): Khare, Savita; Chokhare, Rajendra  
Source: JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL Volume: 353 Pages: 138-147  
DOI: 10.1016/j.molcata.2011.11.017 Published: FEB 2012  
Times Cited: 1 (from Web of Science)
47. Title: Solar UV-B and UV-A/B exclusion effects on intraspecific variations in crop growth and yield of wheat varieties  
Author(s): Kataria, Sunita; Guruprasad, K. N.  
Source: FIELD CROPS RESEARCH Volume: 125 Pages: 8-13 DOI: 10.1016/j.fcr.2011.08.011  
Published: JAN 28 2012  
Times Cited: 2 (from Web of Science)
48. Title: Suppression of glyphosate toxicity in plants following peroxide treatment  
Author(s): Tyagi, Shivani; Banke, Jaiprakash; Chawda, Rupesh; et al.  
Source: TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY Volume: 94 Issue: 7 Pages: 1331-1341 DOI: 10.1080/02772248.2012.701103 Published: 2012  
Times Cited: 0 (from Web of Science)
49. Title: Measurement of slope of bent plates using phase shifted moire deflectometry  
Author(s): Trivedi, Satyaprakash; Prakash, Shashi  
Source: JOURNAL OF MODERN OPTICS Volume: 59 Issue: 11 Pages: 1016-1022 DOI: 10.1080/09500340.2012.697199 Published: 2012  
Times Cited: 0 (from Web of Science)
50. Title: Development and Validation of RP-HPLC Method for Simultaneous Estimation of Ramipril, Aspirin and Atorvastatin in Pharmaceutical Preparations  
Author(s): Sharma, Rajesh; Khanna, Sunil; Mishra, Ganesh P.  
Source: E-JOURNAL OF CHEMISTRY Volume: 9 Issue: 4 Pages: 2177-2184 Published: 2012  
Times Cited: 0 (from Web of Science)
51. Title: A Novel Phytochemical, Digoxigenin-3-O-Rutin in the Amelioration of Isoproterenol-Induced Myocardial Infarction in Rat: A Comparison with Digoxin  
Author(s): Panda, Sunanda; Kar, Anand  
Source: CARDIOVASCULAR THERAPEUTICS Volume: 30 Issue: 3 Pages: 125-135 DOI: 10.1111/j.1755-5922.2010.00242.x Published: 2012  
Times Cited: 0 (from Web of Science)
52. Title: Optical multistability in nonlinear fiber Bragg grating  
Author(s): Pawar, Santosh; Kumbhaj, Shubhada; Sen, Pratima; et al.  
Source: OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS Volume: 6 Issue: 1-2 Pages: 25-28 Published: JAN-FEB 2012

Times Cited: 0 (from Web of Science)

- 53.** Title: What is the best bonding model of the ( $\sigma$ -H-BR) species bound to a transition metal? Bonding analysis in complexes  $[(H)_2Cl(PMe_3)_2M(\sigma\text{-H-BR})]$  ( $M = Fe, Ru, Os$ )  
Author(s): Pandey, Krishna K.  
Source: DALTON TRANSACTIONS Volume: 41 Issue: 11 Pages: 3278-3286 DOI: 10.1039/c2dt11921h Published: 2012  
Times Cited: 1 (from Web of Science)
- 54.** Title: DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR SIMULTANEOUS ESTIMATION OF METFORMIN HYDROCHLORIDE AND REPAGLINIDE IN TABLET DOSAGE FORM  
Author(s): Soni, Love Kumar; Narsinghani, Tamanna; Jain, Madhavi  
Source: JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES Volume: 35 Issue: 1-4 Pages: 385-392 DOI:10.1080/10826076.2011.601492 Published: 2012  
Times Cited: 0 (from Web of Science)
- 55.** Title: The anomalous penetration of intense circularly polarized electromagnetic beam through overdense magnetized plasma  
Author(s): Varshney, Meenu Asthana; Rathore, Bhavna; Varshney, Dinesh  
Source: OPTIK Volume: 123 Issue: 1 Pages: 67-72 DOI: 10.1016/j.ijleo.2010.10.051 Published: 2012  
Times Cited: 0 (from Web of Science)
- 56.** Title: Common Fixed Point of Weakly Compatible Mappings in Quasi-Gauge Space  
Author(s): Sharma, Sushil; Tilwankar, Prashant  
Source: BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY Volume: 35 Issue: 1 Pages: 155-161 Published: 2012  
Times Cited: 0 (from Web of Science)
- 57.** Title: Impact of pre-sowing magnetic field exposure of seeds to stationary magnetic field on growth, reactive oxygen species and photosynthesis of maize under field conditions  
Author(s): Shine, M. B.; Guruprasad, K. N.  
Source: ACTA PHYSIOLOGIAE PLANTARUM Volume: 34 Issue: 1 Pages: 255-265 DOI: 10.1007/s11738-011-0824-7 Published: JAN 2012  
Times Cited: 1 (from Web of Science)
- 58.** Title: Characterization of upstream sequences of the peroxidase gene, Atrpx18 of Arabidopsis thaliana  
Author(s): Kumar, Vajinder; Thakare, Dhiraj R.; Saha, Dip N.; et al.  
Source: JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY Volume: 21 Issue: 1 Pages: 121-127 DOI: 10.1007/s13562-011-0068-z Published: JAN 2012  
Times Cited: 1 (from Web of Science)
- 59.** Title: Iron and nitrogen self-diffusion in non-magnetic iron nitrides  
Author(s): Gupta, Mukul; Tayal, Akhil; Gupta, Ajay; et al.  
Source: JOURNAL OF APPLIED PHYSICS Volume: 110 Issue: 12 Article Number: 123518 DOI: 10.1063/1.3671532 Published: DEC 15 2011  
Times Cited: 1 (from Web of Science)
- 60.** Title: Structural and vibrational properties of  $Zn_xMn_{1-x}Fe_2O_4$  ( $x=0.0, 0.25, 0.50, 0.75, 1.0$ ) mixed ferrites



Author(s): Varshney, Dinesh; Verma, Kavita; Kumar, Ashwini  
Source: MATERIALS CHEMISTRY AND PHYSICS Volume: 131 Issue: 1-2 Pages: 413-419 DOI:  
10.1016/j.matchemphys.2011.09.066 Published: DEC 15 2011  
Times Cited: 0 (from Web of Science)

61. Title: Exploration of in vitro time point quantitative evaluation of newly synthesized benzimidazole and benzothiazole derivatives as potential antibacterial agents  
Author(s): Bandyopadhyay, Prabal; Sathe, Manisha; Ponmariappan, S.; et al.  
Source: BIOORGANIC & MEDICINAL CHEMISTRY LETTERS Volume: 21 Issue: 24 Pages: 7306-7309 DOI: 10.1016/j.bmcl.2011.10.034 Published: DEC 15 2011  
Times Cited: 4 (from Web of Science)
62. Title: Substitutional effect on structural and magnetic properties of  $A(x)Co(1-x)Fe(2)O(4)$  ( $A = Zn, Mg$  and  $x=0.0, 0.5$ ) ferrites  
Author(s): Varshney, Dinesh; Verma, Kavita; Kumar, Ashwini  
Source: JOURNAL OF MOLECULAR STRUCTURE Volume: 1006 Issue: 1-3 Pages: 447-452 DOI:  
10.1016/j.molstruc.2011.09.047 Published: DEC 14 2011  
Times Cited: 1 (from Web of Science)
63. Title: Design and Development of Gastro Retentive Drug Delivery System of Tramadol Hydrochloride  
Author(s): Dahima, Rashmi; Rathore, Devashish  
Source: LATIN AMERICAN JOURNAL OF PHARMACY Volume: 30 Issue: 10 Pages: 1963-1968  
Published: DEC 2011  
Times Cited: 0 (from Web of Science)
64. Title: Sialoglycoproteins of Mammalian Erythrocyte Membranes: A Comparative Study  
Author(s): Sharma, Savita; Gokhale, Sadashiv M.  
Source: ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES Volume: 24 Issue: 12 Pages:  
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Author(s): Mukherjee, G. S.; Banerjee, M.

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Author(s): Dhanotia, Jitendra; Prakash, Shashi

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Author(s): Dasgupta, Raktim; Verma, Ravi Shanker; Ahlawat, Sunita; et al.

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Author(s): Singh-Rawal, Pooja; Zsiros, Otto; Bharti, Sudhakar; et al.

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Author(s): Dixit, Amit Kumar; Kumar, Vineet; Rani, Anita; et al.

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Author(s): Chauhan, H. P. S.; Bakshi, Abhilasha; Bhatiya, Sumit  
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Author(s): Singh, Dipti; Singh, S. P.  
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Author(s): Banerjee, S.; Meitei, N. S.  
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Author(s): Chandra, Vivek; Kalia, Manjula; Hajela, Krishnan; et al.  
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Author(s): Varshney, Dinesh; Joshi, G.; Varshney, Meenu; et al.

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Author(s): Mishra, A.; Parsai, N.; Dagaonkar, N.

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Author(s): Sharma, S.; Sharma, M. C.; Kohli, D. V.

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Author(s): Banerjee, Snigdha; Sharma, Ashish

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Author(s): Sahoo, Prasanta K.; Sharma, Rajesh; Pattanayak, Priyabrata

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Author(s): Yadav, Dharmendra Singh; Rana, Santosh; Prakash, Shashi

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Author(s): Sharma, M. C.; Sharma, S.; Chaturvedi, S. C.

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Author(s): Sharma, S.; Sharma, M. C.; Chaturvedi, S. C.

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Author(s): Sharma, M. C.; Sharma, S.; Kohli, D. V.

Source: DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES Volume: 5 Issue: 1  
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Author(s): Sharma, M. C.; Sharma, S.; Kohli, D. V.

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Author(s): Sharma, M. C.; Sharma, Smita; Kohli, D. V.

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Author(s): Trivedi, Satya Prakash; Prakash, Shashi; Rana, Santosh; et al.

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Author(s): Jatwa, Rameshwar; Kar, Anand

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Author(s): Jajoo, Anjana; Mathur, Sonal; Mehta, Pooja; et al.  
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Author(s): Manivannan, E.; Chaturvedi, S. C.  
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Times Cited: 0 (from Web of Science)
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Author(s): Sharma, Smita; Sharma, M. C.; Kohli, D. V.; et al.  
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Author(s): Sharma, Pratibha; Kumar, Ashok; Sahu, Vinita

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Author(s): Pandey, Krishna K.; Snyder, James P.; Liotta, Dennis C.; et al.

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Author(s): Pandey, Krishna K.; Lledos, Agusti

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Times Cited: 2 (from Web of Science)

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Author(s): Pandey, Krishna K.; Musaev, Djamaladdin G.

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Author(s): Varshney, Dinesh; Choudhary, D.; Shaikh, M. W.

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Author(s): Shukla, Shruti; Mehta, Archana; Mehta, Pradeep; et al.

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Author(s): Sen, Pratima; Rana, Shivani; Sen, Pranay K.

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Author(s): Jayasekera, Shanika; Thomas, Asha; Kar, Anand; et al.  
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Author(s): Joshi, Sh.; Manikpuri, A. D.; Khare, D.; et al.  
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Author(s): Mehta, Pooja; Jajoo, Anjana; Mathur, Sonal; et al.  
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Author(s): Singh, S. P.; Singh, Dipti

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Author(s): Dixit, Yamini; Kar, Anand

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Author(s): Sathiyarayanan, Kulathu Iyer; Karthikeyan, Natesan Sundaramurthy; Aravindan, Paduthapillai Gopal; et al.  
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Author(s): Chauhan, H. P. S.; Bhatiya, Sumit; Bakshi, Abhilasha

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Author(s): Kaurav, N.; Kuo, Y. K.; Joshi, G.; et al.  
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Author(s): Varshney, Dinesh; Kaurav, N.; Sharma, U.; et al.  
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Author(s): Varshney, Dinesh; Kaurav, N.; Kinge, R.; et al.  
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Author(s): Gupta, Shraddha Kumari; Sisodia, Brijesh Singh; Sinha, Sudhir; et al.

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Author(s): Narasimhamurthy, T.; Shashidhar; Shivashankar, S. A.; et al.

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Author(s): Khale, Divya; Chaudhary, Rubina

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Author(s): Chattopadhyay, Manju K.; Tokekar, Sanjiv

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