

Profile Page



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Journal Publications :

Year	Journal	Publication
2016	International Journal, 18-23. (I.F. 1.585)	S. Obrai, R. Kumar, M. Goyal, S. Kaushal, "DFT Studies of Calcium(II), Strontium(II), Barium(II) nitrobenzoate with N,N,N',N'-Tetrakis(2-hydroxyethyl/propyl)ethylenediamine"
2015	International Journal, 2130-2146. (I.F. 2.02)	R. Kumar, S. Obrai, A. Kaur, M. S. Hundal, "Synthesis, crystal structure determination, computational and antimicrobial studies of Copper(II) 3,5-dinitrobenzoate complexes with N,N,N',N' - tetrakis(2-hydroxyethyl) ethylenediamine and tris(2-hydroxyethyl)amine"
2015	Journal of Structural Chemistry, 56 (7), 1379-1389, (I.F. 0.586)	A. Sharma, S. Obrai, R. Kumar, "Conformational and configurational diversity of solvent inclusion complexes of some calix[4]pyrroles and their anion recognition properties"
2015	Journal, 3(1), 9-15	R. Kumar, S. Obrai, V.K. Joshi, V. Kumar, S. Shahab, "Computational, Crystal Structure and antimicrobial studies of Directly Synthesized dichloroethylenediaminecopper(II) complex"
2014	International Journal, 59248-59264 (I.F. 3.84)	R. Kumar, S. Obrai, A. Kaur, M. S. Hundal, "Supramolecular architectures of N,N,N',N'-tetrakis (2-hydroxyethyl) ethylenediamine and tris(2-hydroxyethyl)aminewith La(III) picrate"
2014	Journal, 86-98. (I.F. 3.159)	R. Kumar, S. Obrai, A. Kaur, M. S. Hundal, H. Meehnian, A. K. Jana, "Synthesis, crystal structure investigation, DFT analyses and antimicrobial studies of silver(I) complexes with N,N,N',N' - tetrakis(2-hydroxyethyl/propyl) ethylenediamine and tris(2-hydroxyethyl)amine"
2014	Journal, 261-267. (I.F. 0.501)	R. Kumar & S. Obrai, "Comparison of computational studies with X-ray crystal structure of directly synthesized Bis(D,L-aminobutyrate)copper(II) complex"
2014	J. Mol. Structure, 1075 43-48. (I.F. 1.585)	R. Kumar, S. Obrai, A. Sharma, A. Kaur, M. S. Hundal, Joyee Mitra, "Synthesis, structural, spectral characterization, DFT analysis and antimicrobial studies of Aquabis(L-ornithine)copper(II) picrate"
2014	Der Chemica Sinica, 5(3):108-115	A. Sharma, S. Obrai, R. Kumar, "Comparison between experimental studies and DFT computed structural and spectral parameters of some dipyrromethanes"