

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

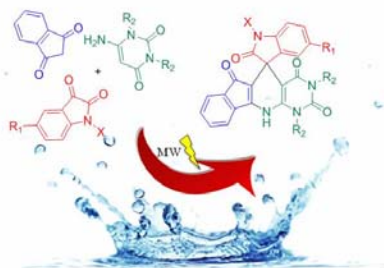
Tome 61, N° 2

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PAPERS

Ghodsii MOHAMMADI ZIARANI,
Zahra HASSANZADEH,
Parisa GHOLAMZADEH and
Ali ABOLHASSANI SOORKI

A rapid, green, and efficient microwave-assisted synthesis and antimicrobial evaluation of spiroindeno[1,2-b]pyrido[2,3-d]pyrimidine-5,3'-indoline derivatives

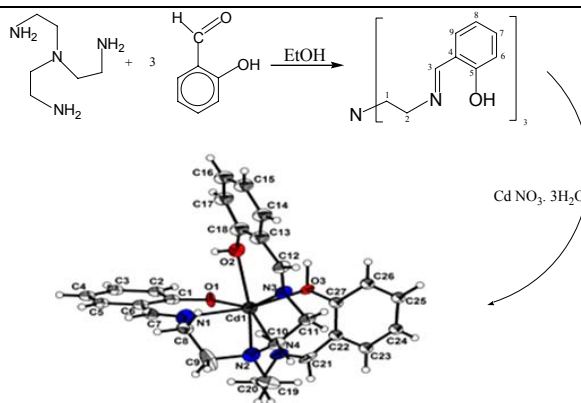


Key words: green chemistry, pyridopyrimidine derivatives, microwave irradiation, antibacterial properties.

Rev. Roum. Chim., 2016, 61(2), 77-81

Roya RANJINEH KHOJASTEH and
Sara JALALI MATIN

Synthesis, characterization and crystal structure of Cd(II) complex with potentially heptadentate Schiff base ligand

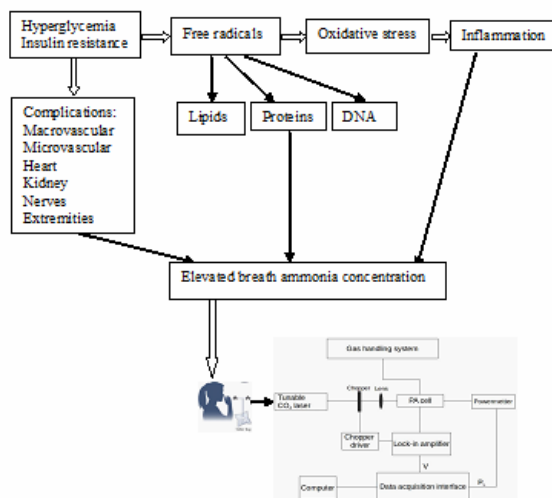


Key words: crystal structure, supramolecular structure, heptadentate ligand, cadmium (II) complex, tris(2-aminoethyl)amine.

Rev. Roum. Chim., 2016, 61(2), 83-87

Mioara PETRUS, Ana M. BRATU and
Cristina POPA

The response of human body at oxidative stress in subjects with type 2 diabetes: ammonia breath analysis by laser photoacoustic spectroscopy

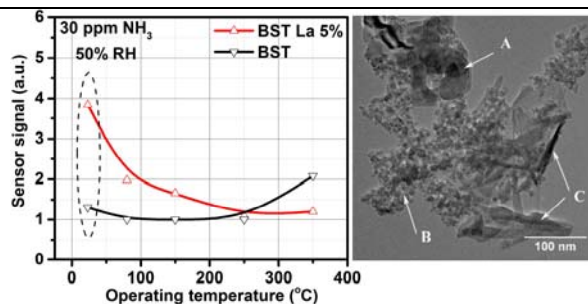


Key words: type 2 diabetes, breath ammonia, inflammatory syndrome, hypertension, CO₂ laser photoacoustic spectroscopy.

Rev. Roum. Chim., 2016, 61(2), 89-95

Cristian Eugen SIMION, Adelina STĂNOIU, Valentin Șerban TEODORESCU, Cristina Florentina RUȘTI, Roxana Mioara PITICESCU, Eugenia VASILE, Eugeniu VASILE and Ioan Albert TUDOR

Ammonia sensing with 5 mol% lanthanum doped barium strontium titanate under humid air background



Rev. Roum. Chim., 2016, 61(2), 97-103

Key words: Ba_{0.7}Sr_{0.3}TiO₃, NH₃ sensing, room temperature, humid background, selective sensitivity.

Dan E. MIHAIESCU, Dragos GUDOVAN, Vanessa TRAISTARU, Paul IONESCU, Adrian FUDULU, Georgeta VOICU, Anton FICAL, Roxana TRUȘCĂ, Daniela ISTRATI, Anca MARTON, Sandra Alice BUTEICA, Bogdan VASILE and Ecaterina ANDRONESCU

Synthesis of silver secondary shell magnetic nanoparticles

