

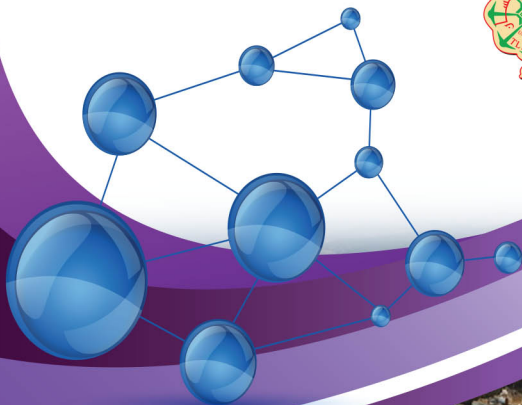
General Directorate for Scientific Research and Technological Development

University Aboubekr Belkaid - Tlemcen

Faculty of Sciences

Department of Chemistry

Laboratory of Catalysis and Synthesis in Organic Chemistry



2nd International Symposium on Catalysis and Specialty Chemicals ISCSC-2018

Program

October 01-03, 2018

Palais de la Culture - Tlemcen - ALGERIA

Technical Program

SUNDAY 30th AFTERNOON

15:00-19:00 Registration, Palais de la Culture

MONDAY 1st MORNING

8:00. Welcome, Auditorium, Palais de la Culture

N. Choukchou-Braham, Chair

8:30. Inauguration

L. F. Tietze, Presiding

9:00. Plenary Lecture.

Nanotechnology enables hot gold nanorods to kill cancer cells and to stop alive cells from migrating and killing more sick people. **M. A. EL SAYED, USA.**

10:00. Welcome snack.

R. Bachir and A. Travert, Presiding

10:30. Lecture.

A journey in cyclopeptoids' chemistry. **I. IZZO, Italy.**

11:10. Lecture.

Synthesis and design of few layer grapheme-based composites for catalysis and energy related applications. **I. JANOWSKA, France.**

12:00 – 13:50
LUNCH

MONDAY 1st AFTERNOON

S. Dagorne and M. Ksibi, Presiding

14:00. Plenary lecture.

Cycloaddition and conjugate addition reactions on chromones leading to other oxygen and nitrogen heterocyclic compounds. **A M. S. SILVA, Portugal.**

15:00. Lecture.

Alkane protolytic cracking by zeolites: in search of the reactant state. **A. TRAVERT, France**

15:40. **O-C1.** X-ray cristal of aurate salt complex of deprotonated-tetra (2-pyridil) pyrazine (H₂TPPZ). **M. M. Mohsen, Egypt.**

15:52. **O-C2.** Activity of mono and bimetallic gold catalysts on adipic acid production. **N Ameur, R Bachir, S Bedrane, Z Fandi, M Bouayed, A Choukchou-Braham, Algeria**

16:04. **O-C3.** Novel clean route of adipic acid synthesis through cyclohexanone oxidation over metal substituted polyoxometalates H₃-_{2x}Sn_xPMO₁₂O₄₀ (x =0.25-1.5). **A. Boumechhour, S Benadji, T Mazari, S Mouani, L Dermeche, L Mouheb, C Rabia, Algeria.**

16:16. **O-C4.** Effect of reducing gas on the hydrogen production by thermo-oxidation of water over

1%Rh/Ce_{0.6}Zr_{0.4}O₂. B Soukhal-Benaziza, A Benamar, F Sadi, Algeria.

16:28. O-C5. Ni and/or Co molybdate materials prepared by modified co-precipitation method: Structural, textural application in ethane oxidative dehydrogenation to ethylene. **H Boukhlouf, A Barama, R Benrabaa, S Amokrane, A Lofberg, J Guerrero Caballero, E Bordes-Richard, Algeria, France.**

16:40. Coffee Break.

K. Bachari, X. Franck and O. Talhi, Presiding

16:45. Poster session 1

Topic 2: Specialty Chemicals

18:30. End of the Poster session

TUESDAY 2nd MORNING

A. Choukchou-Braham and S. Bordiga, Presiding

8:30. Plenary Lecture.

Synthesis of five-membered aromatic heterocycles. Application to the preparation of potential active compounds and scaffolds. **G. KIRSCH, France.**

9:30. Lecture.

Supported gold nanoparticles. Efficient heterogeneous catalysts for oxidation reactions and C-C couplings in liquid phase. **R. BACHIR, Algeria**

10:10. Coffee break.

A. Bengueddach and A. Silva, Presiding

10:40. Lecture.

Recent progress in the synthesis of azaphilones and analogues. **X. FRANCK, France.**

11:20. O-SC1. Enantioselective organocatalytic conjugate addition of nucleophilic imines to α, β -unsaturated aldehydes. **H Choubane, A F. Garrido-Castro, C Alvarado, A Martín-Somer, A Guerrero-Corella, M Daaou, S Díaz-Tendero, M. C Maestro, A Frailea, J Alemána, Algeria, Spain**

11:32. O-SC2. A new strategy for the synthesis of novel chromeno[2,3-d]pyrimidine derivatives. **F Belhadj, Z Kibou, M Benabdellah, N Choukchou-Braham, D Villemin. Algeria, France.**

11:44. O-SC3. Phenylboronic acid catalyzed facile one-pot synthesis of 1-amidoalkyl-2-naphthol. **K Boudebbous, Z Zebbiche, A Debache, Algeria.**

11:56. O-SC4. Lipase-catalysed direct C–P bond formation in one pot synthesis via Kabachnik-Fields reaction. **S Guezane-Lakoud, M Toffano, L Aribi-Zouioueche. Algeria, France.**

12:08. O-SC5. Synthesis of 1,10-dichlorobenzo[c]cinnoline, and its n-oxide with some strained molecules related to biphenylene. **A Larkem, H Larkem, Algeria.**

**12:20 – 13:50
LUNCH**

TUESDAY 2nd AFTERNOON

Z. Arrar and I. Izzo, Presiding

14:00. Plenary lecture.

The role of spectroscopy in understanding heterogeneous catalysts. **S. BORDIGA**, Italy.

15:00. Lecture.

Photocatalytic pathway toward degradation of various pharmaceutical molecules: kinetics, mechanisms and toxicity assessment. **M. Ksibi**, Tunisia.

15:40. O-C6. Synthesis of a series of new platinum organometallic complexes derived from bidentate schiff base ligands and their catalytic behaviour towards the hydrosilylation of alkene. **M B Lachachi**, T. Benabdallah, M. Hadj Youcef, J. Lyann, Algeria, UK.

15:52. O-C7. Photocatalytic degradation of methylene blue through Au-Ag/TiO₂ and Au-Ag/TiO₂/graphene. **H Atout**, A Bouguettoucha, D Chebli, M Monge, J M López-De-Luzuriaga. Algeria, Spain.

16:04. O-C8. Removal of pollutants from wastewater using silver doped mesoporous TiO₂. **H Chaker**, L Chérif-Aouali, S Fourmentin. Algeria, France.

16:16. O-C9. Photocatalysis with Fe/Ti-pillared clays for the oxidation of alkylaromatics. **H Rezala**, J L Valverde, A Romero, A Molinari, A Maldotti. Algeria, Spain, Italy.

16:28. O-C10. Synthesis, characterization and optimization of heterogeneous catalytic cyclohexene oxidation via the latin square design (taguchi I9) methodology. **M Zerrouki**, **S Boudjema**, A Choukchou-Braham, I Rekkab, S Elkorso. Algeria.

16:40. Coffee Break.

B. Kara and I. Janowska, Presiding

16:45. Poster session 2

Topic 1: Catalysis

18:30. End of the Poster session

WEDNESDAY 3rd MORNING

L. Cherif and G. Kirsch, Presiding

8:30. Plenary lecture.

The Catalytic Domino Reactions for the Ecologically Favorable Synthesis of Natural Products and Materials. **L. TIETZE**, Germany.

9:30. Lecture.

N-heterocyclic carbenes (NHCs) Complexes of Zn(II) and group 13 metals: use in polymerization catalysis for biomaterials production and for CO₂ functionalization. **S. DAGORNE**, France.

10:10. Coffee Break.

C. Ziani-Cherif, M. El Sayed, Presiding

10:40. O-SC7. Advanced synthesis of pharmaceuticals catena via macrocyclic cyclones. **H Larkem**, A Larkem, Algeria.

10:52. O-SC8. Candida antarctica lipase-b catalyzed alkaline-hydrolysis of a set of acetates in non aqueous media. **M Merabet-Khelassi**, *L Aribi-Zouioueche, O Riant* Algeria, Belgium.

11:04. O-SC9. A mild and efficient catalyst used for the synthesis of 5-arylidine barbituric acid derivatives. **I Sehout**, *A Debache*, Algeria.

11:16. O-SC10. Catecholase activity of in situ transition metals complexes of a thiosemicarbazide derivative ligand. **O K NEHAR**, *S Louhibi*, Algeria.

N. Choukchou-Braham, Chair

11:30. Closing remarks.

12:00 – 14:00
GALA CLOSING LUNCH

Posters Program

POSTER SESSION 1: MONDAY, OCTOBER 1st, 2018
(16:30 – 18:30)

- P-01 FORCED DEGRADATION STUDY OF AN ANTIHISTAMINE SYRUP BY HPLC**
N. MAKAOUI, S. BOUBEKEUR, M. ALAIMIA, S. KHELIFAOU, H. IMOUDACHE, H. BENCHAAABANE
- P-02 REMOVAL OF PHENOL FROM AQUEAS SOLUTION WIYH ADSORPTION MUDDY SEDIMENTS: EQUILIBRIUM, KINETIC AND THERMODYNAMIC STUDY**
Djelloul ADDAD, Amel DRIF, Fatima Zohra MEBDOUA, Belkhadem MOKHTARI
- P-03 A NEW 1,2,3-TRIAZOLE-BASED LIGAND CONATNING AN ARYLSULFONAMIDE : SYNTHESIS, CRYSTAL STRUCTURE AND COMPUTATIONAL STUDIES**
Yassine AIMENE, Achour SERIDI, Eric BENOIST
- P-04 ORTHO-LITHIUM/MAGNESIUM CARBOXYLATE-DRIVEN AROMATIC NUCLEOPHILIC SUBSTITUTION REACTIONS ON UNPROTECTED NAPHTHOIC ACIDS**
Regadia AISSAOUI, Aicha DERDOUR, Anne-Sophie CASTANET, and Jacques MORTIER
- P-05 ACETALIZATION OF BENZALDYHEDA AND ACETONE CATALYZED BY ACID ACTIVATED CLAY**
Kouider ALALI, Foued LEBSIR , Sondes AMRI, Ali RAHMOUNI, Ezzeddine SRASRA , Néji BESBES
- P-06 PHOSPHOTUNGSTIC ACID TYPE DAWSON AS GREEN CATALYST FOR THE SYNTHESIS OF NEW CYCLIC IMIDES**
Sabrina ALIOUA, Chafika BOUGHELOUM
- P-07 SYNTHESIS OF SOME GLYCOSTEROIDAL BOLAPHILES**
Fahima ALI-RACHEDI
- P-08 DEPROTO-METALLATION OF *N*-ARYLATED PYRROLES AND INDOLES USING A MIXED LITHIUM–ZINC BASE**
Yacine Ameur Messaoud, Ghenia Bentabed-Ababsa, Aicha Derdour, Florence Mongin
- P-09 SYNTHESIS OF SULFONYL ANALOGUES OF FOTEMUSTINE**
Zineb AOUF, Sarah BOUGHABA, Monique MATHÉ-ALLAINMAT, Jacques LEBRETON, Nour Eddine AOUF

- P-10 COMPOSITION AND SYNERGISTIC EFFECT OF ESSENTIAL OILS OF *THYMUS FONTANESII* AND *SYZIGIUM AROMATICUM* AGAINST *CANDIDA ALBICANS***
Imane AZZOUNI, Maghnia BOUSSAID, Félix TOMI, Chahrazed BEKHECHI
- P-11 SYNTHESIS OF NOVEL TETRAHYDROBENZO[*b*][1,8]NAPHTHYRIDINES DERIVATIVES**
Ikram BABA AHMED, Zahira KIBOU, Nouredine CHOUKCHOU-BRAHAM
- P-12 SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF 2,5-BIS(2-PYRIDYL)-1,3,4-THIADIAZOLE AND ITS NICKEL COMPLEX**
Yamina BABA HAMED ,Amel FELLAH , Yahia HAREK
- P-13 SYNTHESIS AND CHARACTERIZATION OF NEW POLY (4', 4 METHYLENEDIANILINE) NANOCOMPOSITE USING MAGHNITE-Co AS CLAY CATALYST**
S.BAHOUSI , A.BELMOKHTAR, A. BELLIFA , AND A.BENYOUCEF
- P-14 A GREEN METHOD FOR THE SYNTHESIS OF BODIPY FROM ARYLDIPYRROMÉTHANE**
Nawal BAYOU-KHIER, Mohamed AMARI, Mokhtar FODILI
- P-15 SYNTHETIC STUDIES AND ANTIBACTERIAL ACTIVITIES OF CADIOLIDES ANALOGUES**
Sarrah BEKRI, Yazid DATOUSSAID, Stéphane LELEU, Xavier FRANCK, Nouredine CHOUKCHOU-BRAHAM.
- P-16 SYNTHESIS OF THE 1,2,4-TRIAZOLES. BIOLOGIC ACTIVITY**
Leila BELHABRI, Adel Ali OTHMAN , Fouzia BENALI
- P17 CHEMICALLY & ENZYMATICALLY SYNTHESIS OF SOME CARBOXYLIC AMIDES**
Nour el Houda BENAMARA, Amna ZAÏDI, Mounia MERABET-KHELASSI , Louisa ARIBI- ZOUÏOUCHE, Olivier RIANT
- P-18 ANTI-INFLAMMATORY DRUG ACTIVITY OF THE SEEDS EXTRACTS OF ALGERIAN PRICKLY PEAR**
Farah Kenza BENATTIA, Zoheir ARRAR, Youssef KHABBAL
- P-19 DEVELOPMENT OF STUDY ON THE EFFECT OF INHIBITION CORROSION IN A CORROSIVE ENVIRONMENT BY A NEUTRAL POLYMER**
Abbes BENCHADLI, Tarik ATTAR, Amel BENKHALED, Esmâ CHOUKCHOU-BRAHAM
- P-20 ELECTROCHEMICAL CATHALYSIS OF INHIBITING EFFECT OF NATURAL PROTECT ON HARD GROWTH WATER**
Yasmina BENDAOUD-BOULAHLIB, Falestine SOUIAD, Samah BOUDIBA, Aïssa CHIBANI.

- P-21 CHARACTERIZATION AND TREATMENT OF USED LUBRICATING OILS**
Abdelmadjid Mahfoudh BENDJERAD, Naoual CHEIKH, Houcine BENMAHDI, Belkacem DRAOUI
- P-22 MICROWAVE-ASSISTED SYNTHESIS OF N-BENZYLAMINES CATALYZED BY COPPER**
Mohamed El Hadi BENHALOUCHE, Abdellah MILOUDI
- P-23 SYNTHESIS OF A NEW FAMILY OF GLYCOLIGANDS BY A SIMPLE AND EFFICIENT REACTION**
Chahrazed BENHAOUA, Mustapha RAHMOUNI
- P-24 ELIMINATION OF CHROMIUM (VI) WITH NEW CATALYTS MATERIALS: POLY(N-VINYLEPYRROLIDONE-SODIUM BENTONITE**
Anissa GADIRI, Amel BENKHALED, Djawhar HEDDI and Esmâ CHOUKCHOU-BRAHAM
- P-25 ZIRCONIUM COMPLEX OF THE ANTIBIOTIC SULFANILAMIDE, THE X-RAY SINGLE CRYSTAL STRUCTURE OF [Zr (C₁₂H₁₇N₄O₄S₂)]. NO₃**
Sabrina. BENMEBAREK , Hasna. BOUCHARÈB .
- P-26 AZA-DIELS-ALDER REACTIONS OF CYCLOPENTADIENONES**
Amel BENMEDDAH, Bachir MOSTEFA-KARA, Didier VILLEMIN, Nathalie BAR, Jean Francois LOHIER, Remy LEGAY
- P-27 AN EFFICIENT SYNTHESIS OF QUINOLINES AND NAPHTHYRIDINES USING HETEROPOLYACIDE CATALYSTS**
Yamina BENTARZI , Bellara NEDJAR-KOLLI
- P-28 SYNTHESIS OF NOVEL CHIRAL INTERMEDIATES THROUGH REGIOSELECTIVE REDUCTIVE CLEAVAGE OF BIS-BENZYLIDENE ACETAL: A NEW ACCESS TO CARBASUGARS**
Samiya BENYAMINA, Anne WADOUACHI, W, BOUAZZOUI, J.KAJIMA MULENGI
- P-29 ISOXAZOLIDINE'S SYNTHESIS BY INTRAMOLECULAR REACTION**
Ahmed Yacine BENZAIM, Ismahène BAZINE , Zinelabidine CHERAEIT, Abbès BOUKHARI
- P-30 POMEGRANATE (*PUNICA GRANATUM* L.) SEED OIL: COMPOSITION AND PHYSICO-CHEMICAL PROPERTIES**
Salima BENZERDJEB, Bachir MOSTEFA-KARA, Farid CHEMAT ,Didier VILLEMIN
- P-31 INFLUENCE OF LIPIDS IN FORMULATION OF NANOPARTICLES BY HOT MELTED SONICATION TECHNIQUE**
Sarah BOUAMEUR, Wahiba CHAIBI, Fatma Zohra GHANASSI

P-32 INDIUM-MEDIATED ALLYLATION OF CARBONYL COMPOUNDS WITH FUNCTIONALIZED ALLYLIC HALIDES AND DEHYDRATIVE CYCLISATION TO TETRAHYDROPYRANS DERIVATIVES

Linda BOUARATA, Awatef TABBI, Dahmane TEBBANI

P-33 SYNTHESIS OF 1, 3, 4- OXADIAZOLE DERIVATIVE AND STUDY OF ITS SURFACTANT PROPERTIES

Mansouria BOUCHAKOUR , Hocine CHOUBANE, Mortada DAAOU

P-34 SELECTIVE SYNTHESIS AND POLYMORPHISM OF A NEW FERROCENYL ALLYLPHOSPHONIUM SALT

Rafika BOUCHENE, Sofiane BOUACIDA, Jean-CLAUD DARAN· Eric MANOURY,

P-35 H₆P₂W₁₈O₆₂·14H₂O CATALYZED SYNTHESIS, SPECTRAL CHARACTERIZATION OF α-AMINOPHOSPHONATES CONTAINING AMINOTHIAZOLE MOIETY

Sara BOUGHABA, Zineb AOUF, Nour-Eddine AOUF

P-36 MICROWAVE-ASSISTED ONE-POT SYNTHESIS OF NEW SULFONAMIDES CONTAINING BENZOTHIAZOLE MOIETY CATALYZED BY HETEROPOLYACIDS

Chafika BOUGHELOUM, Abdelrani MESSALHI

P-37 SYNTHESIS AND EVALUATION OF THE ANTIOXIDANT ACTIVITY OF TRIPODAL STRUCTURES BASED ON PYRAZOLE

Nadia BOUHASSANE, Nouria MERAD.

P-38 ORGANOCATALYTIC 1, 4-CONJUGATE ADDITION OF N-SUBSTITUTED BARBITURIC ACID ON α,β-UNSATURATED KETONES: SYNTHESIS, NMR AND SINGLE-CRYSTAL X-RAY DIFFRACTION STUDIES OF NOVEL 2,4-DIMETHYL- 7,11-DIARYL-2,4-DIAZASPIRO[5.5]UNDECANE-1,3,5,9-TETRAONE DYADS

Leïla BOUKENNA, Oualid TALHI, Ridha HASSAINE, Yahia RACHEDI , Nadia TAIBI, Khaldoun BACHARI and Artur M.S.SILVA.

P-39 SYNTHESIS AND REACTIVITY OF FUNCTIONALIZED 5-ARYLIDENE-2-THIOXOTHIAZOLIDIN-4-ONE

Chaima BOUREGHDA, Rima LAROUM, Abdelmadjid DEBACHE

P-40 EFFECT OF 5 METHYL 1H, BENZOTRIAZOL ON THE CORROSION INHIBITION OF API N 80 STEEL IN ALBIAN WATER

Fatiha CHELGHAM, Nouredine BOUZID, Mokhtar SAIDI, Souheyla BOUDJEMA, Messaouda DAKMOUCHE· Adel TAABOUCHE and Noura MEDDOURA

P-41 QUANTITATIVE CONFORMATIONAL STABILITY HOST-GUEST COMPLEX OF METHIONINE WITH B-CYCLODEXTRIN: A THEORETICAL INVESTIGATION

Mouna CHERIET, Abdelkrim GUENDOZI, Leila NOUAR

P-42 SYNTHESIS OF A PHOTOCROSSLIKABLE MACROMONOMER PROMOTED BY A GREEN CATALYSIS

Zakaria CHERIFI, Aniss ZAOUI, Rachid MEGHABAR

P-43 SYNTHESIS OF NEW TRIAZINE DERIVATIVES BY CYCLIZATION OF 2-PYRIDYL HYDRAZONES

Zahia Cheurfa, Mohamed Khodja

P-44 A CASCADE SYNTHESIS, BIOLOGICAL EVALUATION AND MOLECULAR MODELING OF SOME NOVEL TACRINE-PYRANOPYRAZOLE DERIVATIVES AS CHOLINESTERASE INHIBITORS

Chamseddine DERABLI, Imen BOUALIA, Ahmed B. ABDELWAHAB, Raouf BOULCINA, Chawki BENSOUICI, Gilbert KIRSCH and Abdelmadjid DEBACHE

P-45 A GREEN SYNTHESIS AND ANIONIC POLYMERIZATION OF METHACRYLIC MONOMERS N-ALKYL METHACRYLAMIDE CATALYZED BY AN ECOLOGIC AND FRIENDLY CATALYST MAGNITE H⁺

Samira DERKAOU, Mohammed BELBACHIR

P-46 IODINE-PROMOTED SYNTHESIS OF AROYLBISINDOLIZINES FROM N-PHENACYLPYRIDINIUM SALTS AND ACTIVATED ALKINES

Andreea-Veronica DEDIU, Bianca FURDUI, Rodica Mihaela DINICĂ

P-47 SYNTHESIS AND STUDY OF FIELD HETEROCYCLIC DERIVATIVES CONTAINING NITROGEN ATOM

Madiha DJAHIECHE, Abbas BOUKHARI, Smail KHELILI, Cianluigi BROGGINI

P-48 ACTIVATED CARBON FROM JUJUBE STONES FOR THE REMOVAL OF RHODAMINE-B FROM AQUEOUS SOLUTION

Radia FENNOUH, Oumessaad BENTURKI

P-49 SYNTHESIS, CHARACTERIZATION, BIOLOGICAL ACTIVITY AND DOCKING STUDY OF NOVEL SCHIFF BASE

Mariem GHAMRI ; Dalal HARKATI

P-50 ELECTIVE SYNTHESIS OXAZABOROLIDINE–BORANE REDUCTION OF INDANE-1,3-DIONE

Hind GUEMMOUR, Djaffar KHEFFACHE, Ahmed. BENABOURA

P-51 A NOVEL AND GREEN PROCEDURE FOR THE SYNTHESIS OF SULFAHYDANTOINS UNDER ULTRASOUND IRRADIATION

Meriem GUERFI, Khawlla BECHLEM, Malika BERREDJEM

- P-52 CHEMICAL SYNTHESIS AND STUDY OF H-BONDING INTERACTIONS IN FUNCTIONALIZED O/P-XYLYL IMIDAZOLIUM DICATIONIC IMIDAZOLIUM IONIC LIQUIDS**
Boumediene HADDAD, Mokhtar DRAI , Mostefa BOUMEDIENE ,Didier VILLEMIN , Annalisa PAOLONE Johannes KIEFER , Mustapha RAHMOUNI
- P-53 NOVEL MULTI-COMPONENT SYNTHESIS OF AMRINONE ANALOGUES**
Wassila HADJ SLIMANE, Zahira KIBOU, Nouredine CHOUKCHOU-BRAHAM
- P-54 REACTION OPTIMIZATION OF THIOALKYLATION AND THIOARYLATION BY CLASSICAL WAY AND MICROWAVE**
Adnane HALIMA-SALEM, Abdellah MILOUDI
- P-55 SIMULATION STUDY ON H₂S REMOVAL FROM ALGERIAN NATURAL GAS ON HIGH DENSITY POLYETHYLENE MEMBRANE**
Abdel Illah HAMMOU and M'hamed. DJENNAD
- P-56 SYNTHESIS, CHARACTERIZATION, CONFORMATIONAL AND COMPLEXATION STUDIES OF DI-SUBSTITUTED CALIX[4]ARENE DERIVATIVES BEARING N-ACYLHYDRAZONE UNITS**
I. HAMZI, T.M. BARHOUMI-SLIMI, R. ABIDI
- P-57 SOLVENT-FREE SYNTHESIS OF BIOLOGICALLY ACTIVE AMINOPHOSPHONATES UNDER MICROWAVE IRRADIATION**
Abdelkader HELLAL, Salah CHAFAA, Lasnoui TOUAFRI
- P-58 VALORIZATION OF AN AGRO-FOOD WASTE FROM N'GAOUS ORANGE JUICE FACTORY IN WATER DEPOLLUTION**
Maya KEBAILI, Souad DJELLALI, Manelle RADJAI, Hakim LOUNICI
- P-59 SYNTHESIS, PHARMACEUTICAL FORMULATION and EVALUATION OF ANTI-ADDICTION OF NEW ANALOGUES OF BACLOFENE® AS ANTI-CRAVING AGENTS**
Assia KENICHE, Mohammed EL AMINE SI SAID, Joseph KAJIMA MULENGI , Ibtissem LOUAR
- P-60 SYNTHESIS AND BIOLOGICAL EVALUATION OF MONO AND DISUBSTITUTED KETOAMIDES**
Riad Mustapha KERBADOU, Assya TALEB, Salih HACINI, Hadjira HABIB ZAHMANI.
- P-61 ONE-POT SYNTHESIS OF IMIDAZO[1,5- α]IMIDAZOLE DERIVATIVES**
Nassima KESRAOUI, Yahia RACHEDI
- P-62 SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY STUDIES OF POLY(ESTER-AMIDE)**

Yasmina KHANE, Lahcen BELARBI, Fatma DAR KEBIRA, Benali MOUFFOK.

P-63 PHASE EQUILIBRIUM PROPERTIES OF BINARY SYSTEMS CONTAINING 1-BUTYL-3-METHYLIMIDAZOLIUM THIOCYANATE [BMIM][SCN], WATER, 1-PROPANOL, OR 1-BUTANOL) AT SEVERAL TEMPERATURES

Asma KHELASSI-SEFAOUI, Fabrice MUTELET , Ilham MOKBEL , Jacques JOSE , Latifa NEGADI

P-64 TOTAL SYNTHESIS OF MACROCYCLIC MARINE ALKALOIDS, HALICLAMINE A

Ibrahim KHETTAR, Ayyoub SELKA , Ghaniya FAROUANI , Chewki ZIANI-CHERIF

P-65 SYNTHESIS AND PHARMACOMODULATION ALDIMINES: ALDIMINES 2-METHYL IMIDAZO [1,2-a] PYRIDINE-3-CARBOXALDEHYDE

Abderrahmane KRIM, Saïd GHEZALI

P-66 1,3,4-OXADIAZOLE, 1,2,4-TRIAZOLE and 1,3,4-THIADIAZOLE SYNTHESIZED FROM 2-FLUOROBENZOIC ACID: PHYSICO-CHEMICAL CHARACTERIZATION AND PRELIMINARY EVALUATION OF ANTIBACTERIAL PROPERTIES

Fatima Zahra LAHMAR , Adel ALI-OTHMANE

P-67 SHORT AND EFFICIENT SYNTHESIS OF PEPTIDOMIMETICS WITH SATURATED HETEROCYCLICS

Imane LAZOUNI, Wassila DRICI, Joëlle PERARD

P-68 SYNTHÈSE DES TETRAHYDROQUINOLEINES 2- SUBSTITUEES *via* L'-AMINONITRILE

Fadila LOUAFI, Saurabh SHAHANE, Jean-Pierre HURVOIS

P-69 DETERMINATION OF THE MICROBIAL ACTIVITY OF A GLYCOSIDE ANALOGUE DERIVATIVE OF A CARBOXYLIC ACID (LACTIC ACID)

Fatima Imane MAHI, Adel ALI OTHMANE

P-70 EFFECT OF PYRIDO [2,3-D] PYRIMIDINES ON T CELL PROLIFERATION

Amel MEDJDOUB, Fatima BELHADJ, Amel SAIDI MERZOUK, Nouredine CHOUKCHOU BRAHAM, Hafida MERZOUK

P-71 SYNTHESIS OF NEW SUBSTITUTED BIS-2-PYRIDONES DERIVATIVES FROM ENAMINONITRILES UNDER FREE-MILD CONDITIONS

Nawel MEHIAOUI, Zahira KIBOU, Nouredine CHOUKCHOU-BRAHAM

P-72 KEY FACTOR AFFECTING THE BASICITY OF MESOPOROUS SILICAS MCM-41: EFFECT OF SURFACTANT EXTRACTION TIME AND SI/AL RATIO

Amel MEKKI, Bouhadjar BOUKOUSSA, Aboubakr HAKIKI, Zahira KIBOU, Nouredine CHOUKCHOU-BRAHAM, Abdelkader BENGUEDDACH, Rachida HAMACHA.

- P-73 EMULSION IONIC LIQUID MEMBRANE FOR RECOVERY PROCESS OF LEAD. COMPARATIVE STUDY OF EXPERIMENTAL AND RESPONSE SURFACE DESIGN**
Meryem MESLI, Nassereddine BELKHOUCHE, Zineb SEFROU
- P-74 SYNTHESIS OF ARYLIDENES PYRROLIDI-3-YL)-1,2,4-TRIAZOL-4-AMINE AS POSSIBLE CDK'S KINASES INHIBITORS**
N. METAHRI; A.SAAD EL HACHEMI AMAR; A.SAFER
- P-75 SYNTHETIC OF NEW POLYMERS FROM POLYSTYRENE MERRIFIELD VIA COOPER IODIDE CATALYZED CLICK CHEMISTRY AND APPLICATION IN TREATMENT OF WASTEWATER : EXTRACTION OF NITRATE AND METALS**
Abid OUERGHUI, Mokthar DARDOURI, Hichem ELAMARI and Christian GIRARD
- P-76 ANTI TUMOR MOLECULES: SELECTIVE DESIGN FOR SYNTHESIS OF NEW HETEROCYCLIC COMPOUNDS CALLED FROG AND FOX CATALYZED BY MAGHNITE (ALGERIAN MMT)**
Abdelkader RAHMOUNI , Mohammed BELBACHIR
- P-77 SYNTHESIS OF NEW PYRAZOLONE AND FUSED PYRAZOLONE HETEROCYCLIC DERIVATIVES**
Lydia SAIDI, Yamina BENTARZI, Ricardo F.MENDES, Filipe A. ALMEIDA PAZ, Bellara NEDJAR-KOLLI, Artur M. S. SILVA
- P-78 CYCLIZATION REACTION OF THIOSEMICARBAZONE FOR FUNCTIONALYZED 4-THIAZOLIDINONES. EVALUATION OF ANTIOXYDANT ACTIVITY**
Lydia SALHI Samia ACHOUCHE-BOUZROURA, Bellara NEDJAR-KOLLI , Sophie POULAIN-MARTINI, Elisabet DUNACH
- P-79 SYNTHESIS, CHARACTERIZATION AND ANTIOXIDANT PROPERTIES OF NEW 2-AMINOPYRIDINE DERIVATIVES**
Fadhila SALHI, Naoual CHEIKH, Didier VILLEMEN, Nathalie BAR, Siham BENANANE, Nouredine CHOUKCHOU-BRAHAM and Bachir MOSTEFA-KARA
- P-80 SEM AND FTIR STUDY OF ADSORPTION CHARACTERISTICS USING XANTHATE (PIPX) SYTHESISED COLLECTORS ON GALENA**
Zohir NEDJAR, Asma NOUIOUA, Lazhar SALMI, Djamel BARKAT
- P-81 ENCAPSULATION OF THE ASCORBIQUE ACID IN A MATRIX OF CELLULOSE TRIACETATE , AN ETHYL CELLULOSE AND THEIR CHARACTERIZATIONS**
Khaldia SEDIRI, Lamia BENNABI, Lahcene BELARBI
- P-82 NEW SYNTHESIS OF PYRAZOL-BARBITURIC AND THIOBARBITURIC ACID DERIVATIVES**
Imene SEHOUT, Abdelmadjid DEBACHE

P-83 CHROMIUM (VI) ADSORPTION BY A NEW VINE-WOOD AND CONDUCTIVE POLYMER COMPOSITE

Rachida SOUIDI, Lahcene BELARBI

P-84 MOLECULAR DYNAMICS OF PROTON DELOCALIZATION IN CROWN ETHER

Wafaa TALEB BENDIAB, Abdelghani KRALLAFA

P-85 SELECTIVE REMOVALS OF HEAVY METALS FROM AQUEOUS SOLUTIONS ONTO NATURAL MARNE CLAY (NMC) IN SINGLE, BINARY AND TERTIARY SYSTEMS

Khadidja TIZAOUI, Belkacem BENGUELLA

P-86 SYNTHESIS OF NEW THIAZOLOPYRIMIDINE DERIVATIVES

Yousseuf TOUATI, Mohammed BENABDELLAH, Ridha HASSAINE, Nouredine CHOUKCHOU-BRAHAM

P-87 ULTRASOUND PROMOTED SYNTHESIS OF A ROSIN BASED IONIC LIQUID MONOMER

Aniss ZAOUI, Zakaria CHERIFI, Mohammed BELBACHIR

P-88 SYNTHESIS OF BIOLOGICALLY ACTIVE A-AMINOPHOSPHONATES

Samiya ZAOUT, A.Elkader HALLEL, Salah CHAFAA

P-89 EFFICIENT SYNTHESIS OF ACRIDINES CATALYSED BY COPPER

Sarah ZEGHADA, Ghenia BENTABED-ABABSA, Aïcha DERDOUR, Florence MONJIN

P-90 AN EFFICIENT APPROACH FOR THE SYNTHESIS OF SOME NOVEL HYBRIDIZED QUINOLINE-PYRAN BASED TACRINE ANALOGUES

Abd el karim SANDELI, Mohamed Abdenour Redouane, Saida BENZERKA, Naima KHIRI-MERIBOUT

POSTER SESSION 2: TUESDAY, OCTOBER 2nd, 2018
(16:30 – 18:30)

P-01 IN-SITU HYDROGASIFICATION/REGENERATION OF NiAl-HYDROTALCITE DERIVED CATALYST IN THE REACTION OF CO₂ REFORMING OF METHANE: A VERSATILE APPROACH TO CATALYST RECYCLING

Z. ABDELSADEK, M. SEHAILIA, , F.TOUHARA, N. AIDER, B. DJEBARI, D. HALLICHE, V.M. GONZALEZ-DELACRUZ, J.P. HOLGADO, K. BACHARI, A. CABALLERO, O. CHERIFI

P-02 GREEN SYNTHESIS OF Cu-Ni ALLOY NANOPARTICLES USING *ROSMARINUS OFFICINALIS* PLANT EXTRACT: APPLICATION TO ELECTROCATALYTIC ACTIVITY

Dyhia AIT ABDESSELAM, Razika AITOUT, Laid MAKHLOUFI

P-03 EFFECT OF ALKALINE TREATMENT OF A COMMERCIAL ZSM-5 ZEOLITE ON H₂ PRODUCTION FROM CH₄ DECOMPOSITION OVER Ni SUPPORTED HZSM-5 CATALYSTS

Lilia ALALGA, Aicha BENAMAR,

P-04 DEACTIVATION BY SINTERING OF COBALT CATALYST IN THE FISCHER-TROPSCH REACTION

Dounia ALIHELLAL, Lemnouer CHIBANE

P-05 HYDROGEN PRODUCTION FROM DRY METHANE REFORMING OVER Ru SUPPORTED CATALYSTS

Djaouida ALLAM , Simona BENNICI and Smain HOCINE

P-06 Cu-Zn BASED CATALYSTS, PREPARATION, CHARACTERIZATION AND ACTIVITY IN THE CATALYTIC HYDROGENATION OF CARBON DIOXIDE

Djaouida ALLAM , Mohamed Ameziane BOURKACHE, Simona BENNICI and Smain HOCINE

P-07 CATALYTIC DEHYDROGENATION OF ETHANOL TO ACETALDEHYDE AND ETHYL ACETATE

Samira AMOKRANE, Hamza BOUKHLOUF , Ghazi OTMANINE

P-08 PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUANT USING HYDROTALCITE-LIKE COMPOUNDS

Farid AOUDJIT, Ouiza CHERIFI, Djamilla HALLICHE

P-09 PREPARATION OF GOLD NANOPARTICLES SUPPORTED ON NICKEL-CONTAINING HYDROTALCITE CATALYSTS AND THEIR ACTIVITY IN CO OXIDATION REACTION

Loubna ARAB, Mokhtar BOUTAHALA, Véronique PITCHON

P-10 HYDROGEN PRODUCTION FROM ETHANOL STREAM REFORMING OVER Ni-BASED CATALYSTS

Koubra ARIBI, Madani GHELAMALLAH, Vicente CORTES CORBERAN

P-11 DEEP OXIDATION OF TOLUENE OVER Pd AND/ OR Au SUPPORTED ON MESOPOROUS Co_3O_4

Hajer AZZI, Leila Chérif-Aouali, Amine Zioueche.

P-12 NANOCAST ORDERED MESOPOROUS CERIA AS SUPPORT FOR HIGHLY ACTIVE SILVER CATALYSTS FOR PROPYLENE TOTAL OXIDATION

Zohra BAILICHE, Sihem BENAÏSSA, Leila CHERIF-AOUALI, Stéphane SIFFERT, Abdelkader BENGEDDACH

P-13 SYNTHESIS, CHARACTERIZATIONS OF THE LAMELLATE DOUBLE HYDROXIDES AND THEIR APPLICATION CORROSION INHIBITOR

Naima BAKHTAOUI, Omar BENALI, Chewki SELLES

P-14 SYNTHESIS AND CHARACTERISATION OF SUPPORTED GOLD CATALYSTS FOR CATALYTIC APPLICATION

Meriem BANOU, Charaf BOUNEKTA, Meriem CHENOUF

P-15 ADVANCED METHANOL TRANSFORMATION INTO FORMALDEHYDE SENSIBILIZED BY RHODAMINE-B WITH THE PRESENCE OF CU AND ZN PHOTOCATALYSTS

Wissame CHETTAH, Siham BARAMA, Anne DAVIDSON, Mohamed-Salah MEDJREM.

P-16 SYNTHESIS AND CHARACTERIZATION OF IRON OXIDE NANOPARTICLES FOR HETEROGENEOUS PHOTOCATALYSIS APPLICATION

S. BELAIDI, L. LAMERA, K. CHORFI, L. MAMMERI, W. REMACHE, T. SEHILI

P17 REMOVAL OF REACTIVE BLACK 5 FROM AQUEOUS SOLUTIONS BY NANO-TiO₂ IMMOBILIZED ON ACTIVATED CARBON

Hanane BELAYACHI, Sarra BOURAHLA, Fadéla NEMCHI, Mostefa BELHAKEM

P-18 BIOINSPIRED SYNTHESIS OF SILVER NANOPARTICLES

Mouhammed BELDJILALI, Smain BOUSALEM

P-19 SYNTHESIS OF ZnO-BENTONITE AS PHOTOCATALYSIS TO DEGRADE CATIONIC YELLOW DYE

Nassima BELGAID, Mohamed Redha MENAN I, Kamel Eddine BOUHIDEL

P-20 EFFECT OF FLUORINATED MEDIUM ON THE SYNTHESIS OF AIPO-34

Salima BELLATRECHE, Mohammed Abdelkrim HASNAOUI, Abdelkader BENGEDDACH

P-21 CO₂/CH₄ HYDRATES FORMATION KINETICS INFLUENCED BY Al₂O₃ AND SiO₂ NANOPARTICLES

Said SAMER, Mohamed BELLOUM, Mohamed KHODJA, Jean-Michel HERRI

- P-22 PHOTOCATALYTIC ACTIVITIES FOR HYDROGEN EVOLUTION OF NEW LAYERED COMPOUND $\text{Cu}_{0.5}\text{Nb}_3\text{O}_8$**
N. Belmokhtar, R. Brahimi , R. Nedjar and M. Trari
- P-23 SYNTHESIS AND CHARACTERIZATION OF THE [Zr] ZSM-5 COMPOSITE FROM Ludox SILICA AND USE AS A CATALYST FOR OXIDATION OF 2-MERCAPTOBENZOTIAZOLE**
Imen BENCHIKH , Khadra MOKADEM , Fatiha DJAFRI, Attalah DAHBI, Affaf TABTI , Ayada DJAFRI
- P-24 THE EFFICIENT REMOVAL OF XYLENOL ORANGE DYE IN AN AQUEOUS SOLUTION BY MAGADIITE**
Soumia BENKHATOU, Amel DJELAD, Mohamed BOUCHEKARA, Abdelkader BENGUEDDACH, Mohamed SASSI
- P-25 $\text{H}_4\text{SiMo}_{12}\text{O}_{40}$ AS A CATALYST FOR THE SYNTHESIS OF 4-HYDROXY-4-METHYL COUMARIN**
Leila BENNINI , Tassadit MAZARI, Malika MAKHLOUFI
- P-26 FENTON AND FENTON-LIKE PROCESSES FOR INDUSTRIAL EFFLUENTS TREATMENT- A REVIEW**
Khedidja BENOUIS, Rokia BOURI
- P-27 GOLD/CHITOSAN CATALYZED THREE MULTICOMPONENT COUPLING OF ALKYNE, CH_2CL_2 AND AMINES**
Meriem BENSAAAD, Amina BERRICHI, Redouane BACHIR, Sumeya BEDRANE, Noureddine CHOUKCHOU-BRAHAM
- P-28 BOROSILICATE ZSM-5 ZEOLITE SYNTHESIS IN THE PRESENCE OF *N,N*-DIMETHYLANILINE AND ITS PERFORMANCE IN CO_2 ADSORPTION**
Boumediène BENSAFI, Nadjat CHOUAT, Rajaa ELAHMAR, Fatiha DJAFRI
- P-29 SYNTHESIS OF TITANIUM-BASED HETEROGENEOUS CATALYSTS FOR PHOTOCATALYSIS APPLICATION**
Zineb BENSMAINE, Sanaa EL-KORSO, Abderrahim CHOUKCHOU-BRAHAM, Ilhem REKKAB, Souheyla BOUDJEMA
- P-30 VALORIZATION OF THE BIOMASS-BASED PLATFORM MOLECULE ON CLAY**
Ghezlane BERRAHOU, Redouane BACHIR, Nihel DIB
- P-31 EFFECT OF SBA-15/SH MOLAR RATIO ON Pb(II) and Cd(II) IONS ADSORPTION FROM AQUEOUS SOLUTION**
Zayneb BOUCHERIF, Rokia BOURI, Leïla CHERIF-AOUALI, Renaud DENOYEL
- P-32 PRELIMINARY INVESTIGATION OF M-DOPED PILARED CLAY FOR VOCs TOTAL**

OXIDATION

Khadidja BOUDADI, Abderrahim BELLIFA, Madani GHELAMALLH, Amine ASSENINE, Céline FONTAINE.

P-33 PHOTOCATALYTIC ELIMINATION OF MALACHITE GREEN BY MATERIALS BASED ON TRANSITION METALS

Hasna BOUDGHENE STAMBOULI, Fouad GUENFOUD, Malika MOKHTARI

P-34 HYDROGEN GENERATION OVER COBALT CONTAINING MICROPOROUS ALUMINOPHOSPHATES PHOTO-CATALYST

A. Bouchama, A. Boudjemaa, H Hentit, J.C Jumas, K. Bachari, M.S Ouali

P-35 ACIDO BASIC CATALYTIC HYDROLYSIS OF N,N-DIMETHYL-4-((4-NITROPHENYLIMINO) METHYL)ANILINE IN THE PRESENCE OF CYCLODEXTRIN : EXPERIMENTAL AND THEORETICAL STUDIES

Hadjer BOUGHERARA, Sara SOLTANI, Mekki KADRI, Charif BOUMAZA

P-36 PHOTODEGRADATION OF PHENOL USING mont-La (6%)-Cu_{0.6}Cd_{0.4}S CATALYST UNDER NUV-VISIBLE IRRADIATION

Horiya BOUKHATEM, Lila DJOUADI, Hussein KHALAF, Ruffino Manuel NAVARRO, Moisés CANLE LOPEZ.

P-37 ACETYLENE HYDROGENATION OVER Ni-Cu BIMETALLIC CATALYSTS: CHARACTERISATION AND REACTIVITY

Mouhssin BOULBAZINE, Abdel-Ghani BOUDJAHM

P-38 SYNTHESIS OF FUNCTIONALIZED CARBON BASED MATERIALS FOR HMF PRODUCTION WITHOUT SOLVENT

Charf Eddine BOUNOUKTA, Meriem BANOU, Meriem CHENOUF, Fatima AMMARI

P-39 EFFECT OF EXCHANGEABLE CATION IN MONTMORILLONITE ON THE MULTICOMPONENT REACTION OF BIGINELLI FOR THE SYNTHESIS OF DIHYDROPYRIMIDONES

Farida BOUREMMAD, Shalima SHAWUTI, Mehmet Ali GULGUN

P-40 MESOPOROUS Al-MCM-41 MOLECULAR SIEVE OR TiCl₄ AS CATALYST FOR THE ALLYLATION OF AROMATIC ALDEHYDES WITH ALLYLTRIMETHYLSILANE

Lamia BRAHMI, Tewfik ALI-DAHMANE, Rachida HAMACHA, Salih HACINI

P-41 VISIBLE-LIGHT PHOTOCATALYTIC PERFORMANCES OF TiO₂ NANOBELTS DECORATED WITH IRON OXIDE NANOCRYSTALS

Samiha CHAGUETMI, Nadjah SOBTI, Philippe DECORSE, Sophie NOWAK, Fayna MAMMERI, Slimane ACHOUR, Souad AMMAR

P-42 GOLD CATALYSTS AU/C IN BASE-FREE AEROBIC OXIDATION OF GLUCOSE TO

GLUCONIC ACID

Meriem CHENOUF, Charf eddine BOUNOUKTA, Meriem BANOU , Fatima AMMARI

P-43 NICKEL CATALYSTS FOR HYDRODEOXYGENATION OF FURFURAL-ACETONE CONDENSATION ADDUCTS TO BIO LIQUID ALKANES

Neyla CHERIF BENMOUSSA, Chaima TABET ZATLA, Asma ZITOUNI, Wahiba BENDEDDOUCHE, Redouane BACHIR, Sumeya BEDRANE

P-44 EFFECT OF THE METAL LOADING ON THE CATALYTIC OXIDATION OF CYCLOHEXENE OVER RUTHENIUM SUPPORTED ON TITANIUM-PILLARED CLAY

Ahmed DALI, Farah GUITOUNI, Ilhem REKKAB-HAMMOUMRAOUI, Abderrahim CHOUKCHOU-BRAHAM

P-45 COORDINATION OF MODELING AND EXPERIMENTAL RESEARCH OF NANOMATERIAL CATALYSTS FOR THE ADSORPTION AND OXIDATION REACTIONS OF ORGANIC MOLECULES

Atallah DEHBI, Meryem Imene AMRANE , Nadia TOUMI, Abdelkader BENGUEDDACH

P-46 ANDERSON-TYPE POLYOXOMETALLATES AS CATALYSTS IN ADIPIC ACID SYNTHESIS

Leila DERMECHE, Mouheb LYNDIA, Tassadit MAZARI, Siham. BENADJI and Chérifa RABIA

P-47 EFFECT OF POSITION OF NICKEL ON THE Ni/Mg/Al HYDROTALCITE STRUCTURE FOR THE DRY REFORMING OF METHANE

B. Djebbari, F.Touahra, N. Aider, Z. Abdelsadek, F. Bali, J.P. Holgado, A. Caballero, D. Halliche, K. Bachari.

P-48 REMOVAL OF 4-(2-PYRIDYLAZO) -RESORCINOL FROM AQUEOUS SOLUTIONS BY AN ADSORPTION TECHNIQUE USING AN ALGERIAN KAOLIN

Toufek METIDJI, Hacene BENDJEFFAL, Abdelkrim DJEBLI, Hadjer MAMINE, Nacer REBBANI, Yacine BOUHEDJA

P-49 BIOCONVERSION OF LIGNOCELLULOSIC BIOMASS FOR THE PRODUCTION OF BIOETHANOL FROM AGRICULTURAL WASTE

Sohaib DJEDDOU, Khalida BOUTEMAK, Amel HADJ-ZIANE, M.Ayoub FKAlr, Benamar CHEKNANE

P-50 SYNTHESIS OF METAL-CONTAINING MCM-41 AND ITS APPLICATION FOR CATALYTIC OXIDATION OF PRIMARY ALCOHOL WITH H₂O₂

Houda DOUBA and Ourida BEKHTI-MOHAMMEDI

P-51 DEVELOPMENTS IN HETEROGENEOUS CATALYSIS FOR THE SUSTAINABLE PRODUCTION OF BIODIESEL

Radjaa EL AHMAR, Boumediene Bensafi, Zahira Bouyakoub, Pr.Soufi KACIMI

P-52 SYNTHESIS, CHARACTERIZATION OF $\text{CeO}_2/\text{SBA-15}$ MESOPOROUS MATERIAL AND ITS PHOTOCATALYTIC PERFORMANCE IN THE 2,2'-BIPYRIDINE DEGRADATION UNDER VISIBLE-LIGHT IRRADIATION

Abdelkader ELAZIOUTI, Nadjia LAOUEDJ, Naceur BENHADRIA and Bouhadjar BOUKOUSSA

P-53 PHOTODEGRADATION OF ORGANIC POLLUTANTS IN WATER BY MAGNETIC HETEROGENEOUS FENTON CATALYSTS UNDER VISIBLE IRRADIATION

Nassira Ferroudj, Sébastien Abramson, Anne Davidson, Delphine Talbot, Aude Michel

P-54 EFFICIENT CATALYTIC DEGRADATION OF 4-NITROPHENOL USING $\text{SiO}_2@\text{Cu}$ CORE@SHELL MATERIALS

Imane GHIAT, Amel BOUDJEMAA, Adel SAADI

P-55 EFFECT OF THE ELECTROLYTE CONCENTRATION FOR CO_2 PHOTO-ELECTROCHEMICAL REDUCTION BY CuO PHOTO CATALYST: A CYCLIC VOLTAMMETRY STUDY

Fethi GHRIBI, Adlane TAHAR, Amel BOUDJEMAA, Nabila CHREFI-OURADI

P-56 ULTRASOUND-ASSISTED BIOSORPTION OF BASIC BLUE 9 FROM AQUEOUS MEDIA

El-Khamssa GUECHI, Lamis BEGGAS, Soulef BENABDESSELAM, Oualid HAMDIAOUI

P-57 QUANTITATIVE STUDY OF HYDROPHOBICITY OF MATERIALS IN CATALYSIS

Mouna Wissem GUELLIL, Hafsa RABAH, Abderrahim CHOUKCHOU-BRAHAM, Sanâa EL-KORSO, Souheyla BOUDJEAMA

P-58 SYNTHESIS OF CYCLIC ENAMINES CATALYZED BY POROUS MATERIALS

Yasmine Rahma HACHEMI, Nabila BOUCHIBA, Abdelkader BENGUEDDACH, Mohammed HAMADOUCHE

P-59 SYNTHESIS, CHARACTERIZATION AND REACTIVITY OF MESOPOROUS MATERIALS FE-TUD-1

Saliha HADDOUM, Ioana FECHETE, Bertrand DONNIO, Francois GARIN, Doina LUTIC, Chems Eddine CHITOUR

P-60 GREEN OXIDATION OF CYCLOHEXENE WITH HYDROGEN PEROXIDE OVER GOLD SUPPORTED ON CLAY

Abdelkader HAKKOUM, Radouane BACHIR, Ritha BENABADJI-SOULIMANE, Sumeya BEDRANE, Aderrahim CHOUKCHOU-BRAHAM

P-61 REMOVAL OF TEXTILE DYES BY ADSORPTION ON ACTIVATED CARBON AND ADVANCED OXIDATION PROCESSES

Sabrina HALLADJA, Naima BENCHIKHA

- P-62 COBALT ALUMINATE NANOPARTICLES SUPPORTED ON MIL-101 STRUCTURE: CATALYTIC PERFORMANCE INVESTIGATION**
Mohamed KARMAOUI, Lemia AMAROUICHE and Mohamed HENNOUS
- P-63 HETEROGENEOUS PHOTODEGRADATION OF METHYL ORANGE BY PHOTO-FENTON USING A NATURAL CLAY POWDER**
Badis KHENNAOUI, Moulay Abderrahmane MALOUKI, Moisés CANLE LOPEZ, *Insaf BATAICHE*, Zakaria REDOUANE SALAH
- P-64 ELIMINATION OF HEAVY METALS FROM AQUEOUS SOLUTION USING NATURAL SORBENT (CHITIN AND CHITOSAN)**
Imane LANSARI, Khadidja TIZAOUI, Belkacem BENGUELLA
- P-65 DEGRADATION OF AZO DYE IN AQUEOUS SOLUTION BY SEVERAL ADVANCED OXIDATION PROCESSES**
Nour El Houda LARBI, Djellali Redha MEROUANI, Abelkader IDDOU ;Amine KHELIFA
- P-66 PHENOL CATALYTIC OXIDATION BY NEW $\text{Bi}_{1.4950}\text{Sb}_{1.415}\text{Co}_{0.44}\text{Fe}_{0.52}\text{O}_7$ PYROCHLORE COMPOUND**
Fadia MERABET ; Mayouf SELLAMI ; Kheira ZOUAOUI ; Cherifa MEKKI-DOUADJI, Naceur BENHADRIA
- P-67 HYDROGEN STORAGE OF POROUS SILICON**
Saloua MERAZGA, Nour Eddine GABOUZE
- P-68 EFFECT OF DEPOSIT POTENTIAL OF CUXOY NANOCOMPOSITE ON PHOTOCATALYTIC DEGRADATION OF PHENOL**
Z. MEZINE, A. KADRI, L. HAMADOU, A. CHAOUCHI, N. BENBRAHIM
- P-69 LA-PROMOTED TUNGSTATED ZICRONIA CATALYST FOR N-BUTANE ISOMERIZATION**
Amina MEZOUAGH, Souhila BENDENIA, hanaa DIB, Chahra BENDENIA, Mhamed DJENNAD, Zahira MOHAMED SEGHIR*
- P-70 HE NANOSTRUCTURED $\gamma\text{-MnO}_2$ FILM ELECTROCHEMICALLY PREPARED FOR USED AS NEW PHOTOCATALYST FOR THE DEGRADATION OF AN ORGANIC POLLUTANT**
Fatsah MOULAI, Ouarda FELLAHI, Toufik HADJERSI
- P-71 PHOTOCATALYTIC DEGRADATION OF DYES BY MESOPOROUS MgO UNDER SOLAR LIGHT**
Souad NACHET, Karima BENDAHOU, Fatiha HAMIDI, Leila CHERIF - AOUALI
- P-72 KINETIC STUDY OF THE SPIRAMYCIN REMOVAL BY SUPPORTED TiO_2 /ACTIVATED CARBON**
Amel OUNNAR, Radia DJOUDER, Fayrouz KAIDI, Lidia FAVIER, Abdelkrim BOUZAZA

and Fatiha BENTAHAR

P-73 DEGRADATION OF CONGO-RED BY TI PILLARED CLAYS

Hafsa RABAH, Khadidja KHALDI, Abderrahim CHOUKCHOU-BRAHAM, Djahida LERARI-ZINAI and Khaldoun BACHARI

P-74 CATALYTIC OXIDATION OF AROMATICS COMPOUNDS OVER Cu-CONTAINING LAYERED DOUDLE HYDROXIDES

Ghania RADJI, Amina KAIDARI, Abdellah BAHMANI, Nourredine BETTAHAR

P-75 EFFECT OF CALCINATION ON COORDINATION AND REACTIVITY OF MOLYBDENUM SUPPORTED BY SULFATED ZIRCONIA

Sahar RAISSI

P-76 AN EFFICIENT MICROFLUIDIC REACTOR NANO-ENABLED FOR WATER PURIFICATION FROM VOLATILE ORGANIC COMPOUNDS (VOCs)

Imadeddine AZZOUZ, Mohammed Reda RAMDANI, Yamin LEPRINCE, Amel BOUDJEMAA, Djahida LERARI, Khaldoun BACHARI, Tarik BOUROUINA

P-77 SYNTHESIS OF HIGHLY ORDERED NONMATERIAL FROM ALGERIAN DIATOMITE MCM-41 AND SBA-15 CATALYSTS FOR ESTERIFICATION OF LAURIC ACID

Fatma SAHEL, Rachida HAMACHA, Abdelkader BENGUEDDACH

P-78 THE USE OF ADVANCED OXIDATION PROCESSES FOR THE DEGRADATION OF DYES: CASE OF METHYL VIOLET 2B

Meryem SAIDI, Meriem TEBSI, Amina BENNOMARA, Malika MOKHTARI, Leila BOUKLI-HACEN

P-79 CaTiO₃ -TiO₂ NANOCOMPOSITE PRODUCED BY CLASSICAL AND MICROWAVE HYDROTHERMAL METHOD

Nadjah SOBTI, Samiha CHAGUETMI, Slimane ACHOUR

P-80 NATURE OF HEAT TREATMENT EFFECT ON NANO-GOLD SUPPORTED CATALYSTS IN THE SELECTIVE OXIDATION OF ORGANIC MOLECULES – SOLVENT INFLUENCE

Ritha SOULIMANE, Souhila KHERBOUCHE, Abdelkader HAKKOUM, Redouane BACHIR

P-81 A DFT STUDY OF THE PROTOLYTIC CATALYTIC CRACKING REACTION OF *N*-PENTANE ON ALUMINOSILICATE ZEOLITE

Youcef YOUSFI, Wafaa BENCHOUK, Sidi Mohammed MEKELLECHE

P-82 IMPROVEMENT CATALYTIC PROPERTIES OF BaCuO₂ DELAFOSSITEIN THE GAS PHASE HYDROGENATION OF BENZALDEHYDE. SYNERGY WITH PARTIAL SUBSTITUTION OF Cu by Ni,Co AND Fe

H. Zazoua, F. Touahra, R. Chebout, D. Lerari, K. Bachari, A.Saadi

P-83 TEXTILE DYES REMOVAL FROM AQUEOUS SOLUTION USING KAOLIN-BASED ZEOLITE A

Nor-el-houda FARDJAOUI, Ibtissem SLATNI, Soumia ZEN, Fatima Zohra EL BERRICHI

P-84 KINETIC STUDY OF MOLYBDENUM BASED KEGGIN TYPE CATALYST IN THE CYCLOHEXANONE OXIDATION

Lynda Mouheb, Leila Dermeche, Riad Guerroudj, Tassadit Mazari, S. Benadji, Nadine Essayem and Cherifa Rabia

P-85 VALORIZATION OF MOLECULAR SIEVE'S END-OF-LIFETIME IN THE REMOVAL OF PHENAZIN DYE IN THE SIMULATED WASTE WATER

Nadjia Laouedj, Abdelkader ELAZIOUTI

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