

POSTER SESSION 1

Monday 15 June 03:00 pm

Tuesday 16 June 10:45 am

Set-up: Monday morning / Take off: Tuesday noon

EPIC - Hybrid technologies

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P2	178	PRODUCTIVITY ENHANCEMENT OF ENANTIOSEPARATION PROCESSES IN COMBINATION WITH ENZYMATIC REACTION K. PETRUSEVSKA-SEEBACH, K. WURGES, C. WANDREY, A. SEIDEL-MORGENSTERN, S. LUTZ, M.P. ELSNER
P3	197	COMPARISON OF SMBR AND ROTATING ANNULAR CHROMATOGRAPHIC REACTORS E. MOLGA, M. LEWAK
P4	399	INTENSIFICATION OF PHARMACEUTICALS ATOMIZATION BY ULTRASONIC: EXPERIMENTS AND CORRELATIONS TESTING A.A. BARBA, M. D'AMORE, S. CASCONI, G. LAMBERTI, G. TITOMANLIO
P5	417	TOWARDS THE APPLICATION OF PALLADIUM MEMBRANE REACTORS IN THE LARGE SCALE PRODUCTION OF HYDROGEN Y.C VANDELFT, M. SARIC, D.F. MEYER, J.P. OVERBEEK, A. DE GROOT, J.W. DIJKSTRA, D. JANSEN
P6	427	ANALYSIS AND DESIGN OF ADIABATIC SIMULATED MOVING BED REACTORS FOR AUTOTHERMAL OPERATION V. M. ZAHN, A. SEIDEL-MORGENSTERN
P7	434	REACTIVE DISTILLATION FOR THE ENHANCEMENT OF ESTERIFICATION REACTIONS INVOLVING GLYCEROL M. LADERO, J.C. SOUTO, L. MOLINERO, J.J. TAMAYO, F. GARCIA-OCHOA

EPIC - Structured technologies

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P9	106	HYDRODYNAMICS AND HEAT TRANSFER OF STRUCTURED PACKINGS FOR MULTIPHASE FLOWS D. VERVLOET, J. R. VAN OMMEN, J. NIJENHUIS, F. KAPTEIJN
P10	109	VORTEX STRUCTURE AND MIXING IN MEANDERING MICROCHANNELS J. AUBIN, N. VOLKEL, D.F. FLETCHER, C. XUEREBO
P11	158	STRUCTURING GAS-SOLID FLUIDIZED BEDS J.R. VAN OMMEN, J. NIJENHUIS, M.O. COPPENS
P12	179	SINGLE PELLET STRING REACTOR TWO-PHASE FLOW HYDRODYNAMICS: RESULTS ON A SQUARE CHANNEL WITH SPHERICAL PARTICLES A.I. HIPOLITO, M. ROLLAND, C. BOYER, C. DE BELLEFON
P13	184	EXPERIMENTAL AND THEORETICAL COMPARISON OF FLOW MODES IN A CATALYTIC HEAT EXCHANGER REACTOR P. KERLEAU, S. GUINOT, S. PALLIER, D. SCHWEICH, I. PITAULT, F. HEURTAUX
P14	222	MICROREACTOR FOR CATALYTIC OXIDATION OF VOC: CHARACTERISATION AND EFFICIENCY F. RACHEDI, J. AUBIN, R. GUILLET, P. COGNET, J. TASSELLI, A. MARTY
P15	227	HYDRODYNAMIC STUDY AND OPTIMIZATION OF THE GEOMETRY OF A WAVY CHANNEL IN A HEAT EXCHANGER/REACTOR Z. ANXIONNAZ, M. CABASSUD, Ch. GOURDON, P. TOCHON
P16	243	GAS/LIQUID ABSORBER SIZING FOR VOC'S TREATMENT BY NUMBERING-UP METHOD N. MHIRI, H. MONNIER, L. FALK
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P20	405	MICROFLOW IN A MINICHANNEL: CHARACTERIZATION OF WALLS RELATIVE ROUGHNESS AND SUCTION EFFECTS IN A SLIT V. MAGUEIJO, V. SEMIAO, M. N. DE PINHO
P21	406	MICROREACTOR INTEGRATED ON SILICON FOR CATALYTIC APPLICATIONS J. TASSELLI, A. MARTY, P. DUBREUIL, L. SALVAGNAC, F. RACHEDI, R. GUILLET
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P24	466	EVOLUTION OF LENGTH SCALES AND TURBULENCE SPECTRA IN THE EXTRAPOLATION OF EXCHANGER SIZE Th. LEMENAND, D. DELLA VALLE, P. DUPONT, H. PEERHOSSAINI
P25	485	MICROSTRUCTURED PRODUCTION CONCEPTS AS A TOOL FOR PROCESS INTENSIFICATION D. KIRSCHNECK, W. LINHART

GPE - Innovative process design for green chemical

P26	8	GAZ HYDRATES CRISTALLIZATION BY CO ₂ - CH ₄ /N ₂ GAZ MIXTURE A. BOUCHEMOUA, A. THIAM, Y. OUABBAS, F. CHAUVY, A. CAMEIRAO, J.M. HERRI
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P28	37	PULSED ELECTRIC FIELD AND HIGH VOLTAGE ELECTRICAL DISCHARGES ASSISTED AQUEOUS EXTRACTION OF POLYPHENOLS FROM GRAPE SKINS N. BOUSSETTA, N. LEOVKA, E. VOROBIEV, H. ADENIER, C. BEDEL-CLOUTOUR, J.L. LANOISELLÉ
P29	38	DESIGN OF A MEMBRANE BIOREACTOR F.J. HERNANDEZ-FERNANDEZ, A.P. DE LOS RIOS, F. TOMAS-ALONSO, M. RUBIO, D. GOMEZ, G. VILLORA
P30	40	DEVELOPMENT OF A MODELLING AND SIMULATION TOOL FOR PHYSICO-CHEMICAL TRANSFORMATION PROCESSES OF BIOPOLYMERS BY REACTIVE EXTRUSION M.-A. DE VILLE D'AVRAY, A. ISAMBERT, S. BROCHOT, P. FERCHAUD
P31	44	TECHNO-ECONOMICAL ANALYSIS OF A DEEP DESULFURIZATION PROCESS USING AN ENERGETIC AND AN EXERGETIC APPROACH : A COMPARISON S. LOURET, J.F. PORTHA
P32	47	OCTANOIC ACID PYROLYSIS IN A CONTINUOUS FLOW QUARTZ TUBULAR REACTOR F. BILLAUD, J. GORNAY, L. CONIGLIO
P33	57	PARTIAL BREAK-UP OF OIL-IN-WATER EMULSION BY ROTATING DISK FILTRATION SYSTEM USING A HYDROPHILIC MEMBRANE L. LI, L. DING, Z. TU, D. CLAUSSE, J.L. LANOISELLÉ
P34	87	GREEN REACTION ENGINEERING CONCEPTS TO PERFORM SELECTIVELY CATALYTIC GAS-LIQUID-LIQUID REACTIONS A. BEHR
P35	97	PRECIPITATION ENGINEERING - A POWERFUL TOOL TO DESIGN LOW COST PROCESSES FOR TRANSFORMING DANGEROUS COMPOUNDS TO HARMLESS OR VALUABLE PRODUCTS E. PLASARI, H. MUHR
P36	105	CHARACTERIZATION AND USE OF A NATURAL LOW COST BIOSORBANT IN A MEMBRANE REACTOR WATER TREATMENT PROCESS Y. ANDRES, C. GERENTE, S. AHMADY ASBCHIN, P. LE CLOIREC
P37	116	REGENERATION OF ACTIVATED CARBON BY FENTON OXIDATION FOR THE TREATMENT OF PHENOL WASTEWATER C. T. MURANAKA, C. JULCOUR LEBIGUE, A. M. WILHELM, H. DELMAS, C. A. O. NASCIMENTO
P38	121	ELECTROSMOTIC FLOW IN A MICROCHANNEL WITH PATTERNED SURFACE CHARGE S. TSENG, J.P. HSU, C.W. YANG
P39	122	PREPARATION OF PARAFFIN OIL-IN-WATER EMULSIONS THROUGH PHASE INVERSION CONCENTRATION J.P. HSU, M.T. LUO, S. TSENG
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P45	169	SYNTHESIS OF PURE α -MONOGLYCERIDES BY CONTINUOUS PROCESS G. PEYROU, D. TERRIEN, P.Y. PONTALIER, R. VALENTIN, Z. MOULOUNGUI
P46	199	PERFORMANCES COMPARISON OF TORUS AND STIRRED REACTOR FOR THE ENZYMATIC ELIMINATION OF PHENOL L. PRAMPARO, F. STÜBER, J. FONT, A. FORTUNY, A. FABREGAT, C. BENGEOA
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P48	208	SYNGAS PRODUCTION BY GASIFICATION OF BIO-OIL USING AN ALLOTHERMAL PLASMA PROCESS H. LORCET, D. GUENADOU, M. BROTHIER, Ch. LATGE, A. VARDELLE
P49	224	TEXTILE DYES DEGRADATION BY UV/TiO ₂ /H ₂ O ₂ PROCESS; A FACTORIAL EXPERIMENTAL DESIGN APPROACH I. GRČIĆ, S. PAPIĆ, I. PETERNEL, N. KOPRIVANAC
P50	225	MICROWAVE AND ULTRASONIC SYNTHESIS OF VANADIUM-CONTAINING OXIDATIVE CATALYST PRECURSORS V. SYDORCHUK, S. KHALAMEIDA, J. SKUBISZEWSKA-ZIEBA, R. LEBODA, V. ZAZHIGALOV
P51	236	SUPERCRITICAL CO ₂ : AN NEW TOOL FOR GREEN CHEMICAL WAFER TREATMENT N. BOUDESOCQUE, Ch. BOUSCARLE, A. CHARPENTIER, G. LUMIA
P52	240	USE OF ASH FROM SEWAGE SLUDGE IN THE PREPARATION OF DESULFURANT SORBENTS J. FERNANDEZ, H. GARCIA, J.L. RICO, J. RENEDO
P53	244	SYNTHESIS OF GLYCEROL CARBONATE FROM GLYCEROL, BY-PRODUCT OF BIODIESEL PRODUCTION Z. HERSECZKI, G. MARTON, T. VARGA
P54	248	KINETICS OF ACID HYDROLYSIS OF ARABINOGALACTANS B. KUSEMA, P. MAKI-ARVELA, C. XU, S. WILLFÖR, B. HOLMBOM, T. SALMI, D. YU. MURZIN
P55	251	SUPERCRITICAL CARBON DIOXIDE EXTRACTION OF CHAMOMILE EXTRACTS: MODELLING AND COMPARISON WITH OTHER METHODS M. STAMENIC, A. CVETKOVIC, J. IVANOVIC, I. ZIZOVIC
P56	256	BIO-SYNGAS PRODUCTION USING AN ADSORPTIVE REACTOR T. BLUDOWSKY, D.W. AGAR
P57	298	DEVELOPMENT OF A NEW ROTARY DEMISTER R. XU, L. FERRANTE, F. BERRUTI, C. BRIENS
P58	318	A COMMERCIAL-SCALE MOBILE PYROLYZER FOR BIOMASS CONVERSION TO BIO-OIL AND BIO-CHAR L. FERRANTE, C. BRIENS, F. BERRUTI, R. GOLDEN
P59	327	INTEGRATION OF NANOFILTRATION/STEAM STRIPPING IN A CLEAN PROCESS FOR COKE PLANT WASTEWATERS TREATMENT M. MINHALMA, M. NORBERTA DE PINHO
P60	330	AD-OX PROCESS FOR SUSTAINABLE ORGANIC POLLUTED WATER TREATMENT WITH IN SITU REGENERATION OF ACTIVATED CARBON N.J. KROU, C. ANDRIANTSIFERANA, A.M. WILHELM, H. DELMAS
P61	343	A HETEROGENEOUS PHOTOCATALYSIS-ADSORPTION HYBRID PROCESS T. JANIN, J.P. CAMBON, G. PLANTARD, V. GOETZ, L. LHOMME
P62	356	ENVIRONMENTAL ASSESSMENT OF CONCRETE MANUFACTURING PROCESS EVOLUTION B. CAZACLIU
P63	359	RESIDENCE TIME MEASUREMENTS AND FLOW MODELING IN SUPERCRITICAL WATER OXIDATION REACTOR I. SVISHCHEV, A. PLUGATYR
P64	361	SYNTHESIS OF TERT - BUTYLPEROXYPIVALATE WITH MICRO PROCESS TECHNOLOGY T. ILLG, V. HESSEL, P. LOB, J. C. SCHOUTEN
P65	372	OPERATIONAL PARAMETER OPTIMISATION FOR ELECTRICITY PRODUCTION FROM AGRO-INDUSTRIAL WASTES: STUDIES IN MICROBIAL FUEL CELLS AND ELECTROCHEMICAL CELLS B. CERCADO QUEZADA, A. BERGEL, ML. DELIA
P66	391	USE OF OZONE AS A REACTIVE GAS IN FLOTATION TO DEINK OFFSET PRINTED PAPER TOWARDS ENVIRONMENTAL FRIENDLY REJECTS F. ALMEIDA, N. MARLIN, D. BENEVENTI, M. AUROUSSEAU

P67	400	ULTRAFILTRATION FOR ZERO WASTE: NR SKIM LATEX CONCENTRATION R. SHAZRIN SHAH, N. MERIAM
P68	403	DESIGN OF DIVIDED-WALL EXTRACTIVE DISTILLATION COLUMN FOR THE ACETONE / METHANOL SYSTEM L.CADORET, C.C. YU
P69	418	OPTIMIZATION AND MANAGEMENT OF FLOTATION DEINKING BANKS BY PROCESS SIMULATION D. BENEVENTI, J. ALLIX, E. ZENO, P. NORTIER, B. CARRE, G. DORRIS
P70	429	INVESTIGATION ONTO THE USE OF SILICA-SUPPORTED AMINES WITHIN MICROSTRUCTURED CATALYTIC FLOW REACTORS L. SOLDI, R. MAGGI, G. SARTORI, S. LOEBBECKE
P71	446	CO ₂ CAPTURE FROM INDUSTRIAL INCINERATOR FUMES I. AOUINI, A. LEDOUX, L. ESTEL, S. MARY, J. GRIMAUD, B.VALOGNES
P72	467	CONTINUOUS PRODUCTION OF β -CAROTENE BY COUPLING A PHOTOBIOREACTOR AND A CENTRIFUGAL PARTITION CHROMATOGRAPH M. MOJAAT, A. FOUCAULT, J. PRUVOST, L. MARCHAL, P.E. GODEFROY
P73	472	MICROWAVE VERSUS FLOW CHEMISTRY FOR SCALING UP ORGANIC SYNTHESIS C. O. KAPPE, T. N. GLASNOV, T. RAZZAQ

GPE - Systems approaches for green engineering

P74	79	HYDROGEN PRODUCTION VIA WESTINGHOUSE PROCESS: DEVELOPMENT STATUS AND MODELLING AT CEA-MARCOULE LABORATORY S. CHARTON, J. JANVIER, P. RIVALIER, D. ODE, J.P. CAIRE, E. CHAINET
P75	94	TOWARDS A HYDROGEN SUPPLY CHAIN : A MATHEMATICAL EVALUATION FRAMEWORK OF NATURAL GAS PIPELINES USE FOR HYDROGEN DELIVERY F. TABKHI, C. AZZARO-PANTEL, L. PIBOULEAU, S. DOMENECH
P76	98	B ² E ² P ⁴ - FRAMEWORK FOR ENVIRO- ECONOMIC ASSESSMENT D. BRENNAN
P77	233	ECODESIGN OF A CATALYST RECOVERY PROCESS E. BENETTO, M. ROUZEYRE, D. NGUYEN, A. VILLEVAL, A. BERTRAND, J. WELFRING, C. VAN DER GRIFT, L. TIRUTA-BARNA
P78	241	COMPARISON OF ENVIRONMENTAL IMPACT AND EXTERNAL COST ASSESSMENT METHODS P. MIZSEY, T. BENKO
P79	316	ECO-DESIGN OF MEMBRANE PROCESS FOR PREPARATION OF MILK PROTEIN FRACTIONS WITH TARGET FUNCTIONALITIES S. OMONT, D. FROELICH, P. OSSET, F. THUEUX, M. RABILLER-BAUDRY, D. BEUDON, L. TREGRET, C. BUSON, G. GESAN-GUIZIOU
P80	381	SUSTAINABLE LIFE CYCLE DESIGN METHOD APPLIED TO EDC AND PVC PRODUCTION J. HARMSSEN, G. JONKER
P81	487	REGSOLEXPRT: ENTRAINER SELECTION TOOL FOR WASTE SOLVENT RECOVERY BY BATCH DISTILLATION PROCESSES I. RODRIGUEZ DONIS, V. GERBAUD, O. BAUDOUIN, X. JOULIA

POSTER SESSION 2

Tuesday 16 June 03:00 pm
Wednesday 17 June 10:45 am

Set-up: Tuesday noon / Take off: Wednesday afternoon

EPIC - Dynamic operations

POSTER N°	ID	TITLE / AUTHORS
P1	90	INTENSIFICATION OF PERIODICALLY OPERATED SEQUENCE OF MONOLITHS FOR DETOXIFICATION OF EXHAUST GASES UNDER LEAN CONDITIONS J. ŠTĚPÁNEK, P. KOČÍ, F. PLÁT, M. KUBÍČEK, M. MAREK
P2	354	EMPIRICAL MODELLING AS A NEW TOOL FOR EVALUATION OF PERIODIC PROCESSES D. BRZIC, M. SCHUBERT, H. HÄRING, R. LANGE, M. PETKOVSKA
P3	463	INVESTIGATION OF LOCAL STIRRING THROUGH THE BEHAVIOUR OF TRACER GRADIENT M. GONZALEZ, P. PARANTHOËN
P4	502	THE MAISON EUROPEENNE DES PROCÉDES INNOVANTS (MEPI), AN EXAMPLE OF PILOTING AND INDUSTRIAL DEMONSTRATION FACILITY FOR THE GREEN PROCESS ENGINEERING Ch. GOURDON, S. ELGUE, L. LECOMTE, A. CONTE, P. CAZE, C. GUERMEUR

EPIC - Enabling technologies

P5	149	PROCESS INTENSIFICATION IN TERMS OF ELEMENTARY PROCESS FUNCTIONS K. SUNDMACHER, H. FREUND
P6	180	THE HEAT AND MASS TRANSFER INTENSIFICATION ON POWDERY BIOMATERIALS PROCESSING G. ISOPENCU, M. MARES, P. VASILESCU, G. JINESCU
P7	378	TRANSPPOSITION TO CONTINUOUS AND PROCESS INTENSIFICATION OF A PHARMACEUTICAL PRODUCTION L. DESPENES, S. ELGUE, Ch. GOURDON, M. CABASSUD, J.M. AUTRET
P8	461	INTERACTION BETWEEN ACTIVE PLASMA AND GROWING LAYER OF SOLID SURFACE: A CONCEPTUAL APPROACH K.T. RAIĆ
P9	473	EXTRAPOLATION OF MULTIFUNCTIONAL HEAT EXCHANGERS AT INDUSTRIAL SCALE D. DELLA VALLE, Z. ANXIONNAZ, M. CABASSUD, Ph. CARRIERE, J.F. OURMIGUE, Th. LEMENAND, M. GONZALEZ, M. GOROGHOVSKY, Ch. GOURDON, H. MOHAND, P. PARANTHOËN, H. PEERHOSSAINI, F. RAYNAL, P. TOCHON
P10	484	KNOWLEDGEBASED PROCESS DEVELOPMENT: A TOOL FOR PROCESS INTENSIFICATION D. KIRSCHNECK, G. TEKAUTZ

EPIC - Energy transfer

P11	181	ON THE APPLICATION OF ELECTROMAGNETIC FIELDS IN MICROSTRUCTURED SYSTEMS G. STURM, T. VAN GERVEN, M. VERWEIJ, A. STANKIEWICZ
P12	398	APPLICATION OF MICROWAVE HEATING TO INTENSIFIED FOOD PROCESSES A.A BARBA, M. D'AMORE, G. LAMBERTI
P13	401	DRYING BY COMBINING CONVECTION AND MICROWAVES J. M. ARAGON, M. D. LIEBANES, M. C. PALANCAR
P14	459	MICROWAVE REGENERATION OF ANTHRAQUINONE SOLUTION A. LEDOUX, L. ESTEL, J.P. HEBERT, I. POLAERT, A. REIJO, J. PALONIEMI
P15	499	DESIGN OF A MICROWAVE PYROLYZER BY NUMERICAL SIMULATION C. LEONELLI, P. VERONESI, M. GARUTI
P16	500	MICROWAVE ASSISTED FILTER DRYING: INDUSTRIAL-SCALE APPLICATOR SIMULATION C. LEONELLI, P. VERONESI, F. GRISONI
P17	503	SYNTHESIS OF BaCe _{0.65} Zr _{0.20} Y _{0.15} O _{3-δ} PROTON CONDUCTOR BY MICROWAVE ASSISTED SOL-GEL ROUTE S. BARISON, M. BATTAGLIARIN, L. DOUBOVA, M. FABRIZIO, C. MORTALO

GPE - Green product design

P18	48	EXPERIMENTAL AND KINETIC MODELLING STUDY OF ETHYL BUTANOATE COMBUSTION H. BENNADJI, L. CONIGLIO-JAUBERT, F. BILLAUD, J. BIET
P19	173	OBTAINING THE "GREEN" SURFACE ACTIVE AGENTS, THEIR CHARACTERISATION AND ADVANCED APPLICATION G. SHULGA, V. SHAKELS, J. BROVKINA, S. SKUDRA
P20	174	OBTAINING OF BIODEGRADABLE AND USER-FRIENDLY COMPOSITE FILMS M. LAKA, S.CHERNYAVSKAYA
P21	420	VIRTUAL LABORATORY FOR THE DESIGN OF STRUCTURED LIPIDS FROM VEGETABLE OILS RESOURCES M. TELES DOS SANTOS, G.A.C. LE ROUX, V. GERBAUD
P22	455	ACCOUNTING FOR BIOMASS PRODUCTION AND CONVERSION SPECIFICITIES IN ENVIRONMENTAL ASSESSMENT OF 2ND GENERATION BIOFUEL PATHWAYS A. PRIEUR-VERNAT, J.F. BONNET
P23	482	PYROLYTIC CARBONS FROM POROGEN-TREATED RICE HUSK FOR USE AS AN ANODE MATERIAL IN LITHIUM-ION BATTERIES G.T.K. FEY, Y.D. CHO, C.L. CHEN, T.P. KUMAR

GPE - New reaction media, green solvents in chemical processes

P24	21	ANALYSING THE INFLUENCE OF THE PREPARATION METHODS ON THE STABILITY OF SUPPORTED IONIC LIQUID MEMBRANES A.P. DE LOS RIOS, F.J. HERNANDEZ-FERNANDEZ, F. TOMAS-ALONSO, J.M. PALACIOS, M. RUBIO, D. GOMEZ, G. VILLORA
P25	22	INFLUENCE OF THE IONIC LIQUID NATURE ON THE STABILITY OF SUPPORTED IONIC LIQUID MEMBRANES A.P. DE LOS RIOS, F.J. HERNANDEZ-FERNANDEZ, F. TOMAS-ALONSO, J.M. PALACIOS, M. RUBIO, D. GOMEZ, G. VILLORA
P26	34	SOLID-LIQUID EQUILIBRIUM OF BINARY SYSTEMS CONTAINING SELECTED IONIC LIQUIDS Y.T. HONE, H.Y. TIEN, H.M. LIN, M.J. LEE
P27	39	MILD GREEN BIODIESEL PRODUCTION A.P. DE LOS RIOS, F.J. HERNANDEZ-FERNANDEZ, F. TOMAS-ALONSO, O. IBARRA, M. RUBIO, D. GOMEZ, G. VILLORA
P28	64	WATER MICROEMULSIONS: NEW SOLVENTS FOR GREEN PROCESS ENGINEERING Z. BOSTROM, P. BLACH, S. FRANCESCHI-MESSANT, E. PEREZ, I. RICO-LATTES
P29	100	APPLICATION OF NANOFILTRATION FOR THE REJECTION OF A HIGHLY DILUTED IONIC LIQUID IN AQUEOUS SOLUTION C. ABELS, T. MELIN
P30	111	GREEN HYDROGENATION OF 2-BUTYNE-1,4-DIOL J.P. SERIN, K. KRIAA, F. CONTAMINE, P. CEZAC, J.M. RENEAUME, J. MERCADIER
P31	250	PHOTOCATALYTIC PROPERTIES OF BARIUM TITANATE PREPARED VIA MECHANOCHEMICAL METHOD S. KHALAMEIDA, V. SYDORCHUK, V. ZAZHIGALOV
P32	254	SUPERCRITICAL CO ₂ EXTRACTION OF THYME (THYMUS VULGARIS L.) - ANTIBACTERIAL ACTIVITY AND CHEMICAL COMPOSITION J. IVANOVIC, D. MISIC, M. PEROVIC, M.RISTIC, I. ZIZOVIC
P33	304	CORRELATION OF CARBON DIOXIDE SOLUBILITY IN AQUEOUS MIXTURES OF ALKANOLAMINES WITH IONIC LIQUIDS M.K. AROUA, A. HOSSEINI, M. ALI HASHIM, R. YUSOFF, B. SI ALI
P34	367	CO ₂ ABSORPTION: DOES THE STRUCTURE MATTER? Ch.S. SCHACHT, L. ZUBIER, T.W. DE LOOS, J. GROSS
P35	368	DESIGN OF PROCESS SOLVENTS FOR ENHANCED CO ₂ CAPTURE Ch. S. SCHACHT, T. J.H. VLUGT, J. GROSS
P36	386	ORGANIC REACTIONS IN HYDROTHERMAL SALT SOLUTIONS S. RAITH, F. GOETTMANN, W. KUNZ
P37	423	ENZYME-CATALYZED REACTION OF VEGETABLE OIL IN SUPERCRITICAL CO ₂ IN A CONTINUOUS-FLOW REACTOR M. SAJFRTOVA, M. ZAREVUCKA, K. ROCHOVA, H. SOVOVA
P38	425	PREPARATION OF EXTRACTS RICH IN BETA-SITOSTEROL USING SUPERCRITICAL CO ₂ K. ROCHOVA, H. SOVOVA, M. SAJFRTOVA, M. BARTLOVA, Z. WIMMER

GPE - New tools for green chemical engineering education

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