

Program

Keynote presentations last 30 mn and oral presentations last 20 mn, including questions.
The page number (column 2) is the one of the corresponding abstract in this book of abstracts.

Sunday 28th

From 12:00 Registration and dinner

21:00 Opening Session in Room A

chair: J.-F. Dufrêche

Starts at	page	
21:00		Welcome at La Grande Motte for the 32nd ICSC <i>TURQ, Pierre</i>
21:15	19	Most food are... aqueous solutions (International Year of Chemistry conference) <i>THIS, Hervé</i>

Monday 29th

8:40 Plenary Lecture in Room A

chair: T. Yamaguchi

8:40	21	Ultrafast UV and X-ray studies of chemical and biological systems <i>CHERGUI Majed</i>
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9:30 Coffee Break

10:00 Parallel Sessions

Room A

chair: V. Vlachy

10:00	118	Influence of solution composition on ion binding with heparin and dextran sulphate <i>BARTCZAK, Martyna</i>
10:20	47	Interaction between charged surfaces mediated by molecules with spatially distributed charges <i>BOHINC, Klemen</i>
10:50	84	Aqueous solutions of hydrophilic and hydrophobic amino acids <i>TEIXEIRA, José</i>
11:20	89	Exploring Life Phenomena with a Statistical Mechanics of Molecular Solution

		<i>HIRATA, Fumio</i>
11:50	91	Cationic liposomes as gene delivery vehicles: the structure and binding capacity <i>UHRIKOVA, Daniela</i>

Room B

chair: M. Jardat

10:00	51	A new insight into structures of concentrated associated salt aqueous solutions: combination of thin-film Ultra-violet spectroscopy and TD-DFT calculation <i>ZENG, Dewen</i>
10:20	54	A Computational Approach to Solvent Properties; Measures of Lewis acidity and Basicity <i>WAGHORNE Earle</i>
10:40	60	Reaction Thermodynamics for Ionization of Acetic Acid in Protic Ionic Liquid, Ethylammonium Nitrate <i>KANZAKI, Ryo</i>
11:00	70	Acid solubilisation into hydrophobic ionic liquids: role of TBP co-solvent investigated by experiments and simulation <i>GAILLARD, Clotilde</i>
11:20	82	Friedman's Excess Free Energy and the McMillan-Mayer Theory of Solutions <i>GÓMEZ-ESTÉVEZ, Juan Luis</i>
11:50	87	Adsorption and Dynamics of Water and Ions in Nanopores <i>COASNE, Benoit</i>

14:00 Parallel Sessions**Room A**

chair: P. Madden

14:00	75	Lewis basicity scales in liquids from first-principles <i>SALANNE, Mathieu</i>
14:30	52	Molecular models of natural organic matter and its colloidal aggregation in aqueous solutions: Challenges and opportunities for computer simulations <i>KALINICHEV, Andrey</i>
15:00	72	Diffusion and partitioning of some organic molecules and ions in aqueous micellar solutions <i>TOMINAGA, Toshihiro</i>
15:30	45	Synthesis and Preparation of Diethanolamine Functionalized Monodisperse Nanoporous Poly(HPMACI- EDMA) for Hydrophilic Interaction Chromatography <i>DİNÇ, Sallha</i>

Room B

chair: M.-C. Charbonnel

14:00	51	The role of water in conformational transitions of peptides <i>NERUKH, Dmitry</i>
14:20	58	Insights into the interaction of some antibiotic drugs with serum albumin: Biophysical aspects <i>CHOUDHARY, Sinjan</i>
14:40	59	Quantitative and qualitative characterization of the partially folded states of proteins: Calorimetric and spectroscopic investigation

		<i>SHARMA, Nand Kishore</i>
15:00	74	Effect of glucose on the volumetric behavior of some amino acids in aqueous media at different temperatures <i>JAMAL, Muhammad Asghar</i>
15:20	29	Kinetics and Thermodynamics of Cd(II) Ions Sorption on Mixed Sorbents Prepared from Olive Stone and Date Pit from Aqueous Solution <i>LOUHAB, Krim</i>
15:40	46	Physico-Chemical and Structural Characterization of the Binary System Phosphoric Acid – N,N-dimethylformamide <i>FADEEVA, Yuliya</i>

16:00 Coffee Break**16:30 Parallel Sessions****Room A**

chair : B. Coasne

16:30	82	Fluids in porous media :Theory and computer simulations. <i>HOLOVKO, Myroslav</i>
17:00	96	Zeta potential, surface properties and flocculation behaviour of colloidal clay <i>CHASSAGNE, Claire</i>
17:30	68	Use of microcalorimetry to determine the enthalpies of solid-solution exchanges <i>MOREL-DESROSIERS, Nicole</i>

Room B

chair: A. Kalinichev

16:30	86	Speciation of uranyl nitrate in organic phases containing monoamide extractant <i>FERRU, Geoffroy</i>
16:50	71	Behavior of hydrophobic ions in aqueous medium <i>BHOWMIK, Debsindhu</i>
17:10	62	Electrophoretic NMR - methodology and some applications <i>STILBS, Peter</i>

18:00 International Year of Chemistry Session in Room A

chair: N. Morel-Desrosiers

18:00	20	The Chemistry of Water-logged Archaeological Wood (International Year of Chemistry conference) <i>PERSSON, Ingmar</i>
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Tuesday 30th**8:30 Plenary Lecture in Room A**

chair: Y. Marcus

8:30	22	From Specific Ion Effects to New Ionic Liquids
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		<i>KUNZ, Werner</i>
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9:20 Coffee Break**Parallel Sessions****Room A**

chair: M. Holovko

9:50	28	Water structure enhancement in water-rich mixtures with organic solvents <i>MARCUS, Yizhak</i>
10:20	55	The Use of Models to Understand the Chemistry of Actinoids <i>VITORGE, Pierre</i>
10:50	44	Generalized excluded volume: its origin and effects <i>NEZBEDA, Ivo</i>
11:20	81	Thermochemistry related to the liquid-liquid extraction of cations <i>CHARBONNEL, Marie-christine</i>
11:50	67	Structure and dynamics of a lithium ion in ionic liquids: towards high safety batteries <i>UMEBAYASHI, Yasuhiro</i>

Room B

chair: D. Borgis

9:50	63	Accurate force fields from ab-initio simulations : The case of aqueous ions <i>ROTENBERG, Benjamin</i>
10:20	96	Solvation of silver in saline hydrothermal fluids from first-principle molecular dynamics <i>VUILLEUMIER, Rodolphe</i>
10:50	61	Excess Electrons in Water: What Can We Learn from Molecular Dynamics Simulations? <i>TURI, László</i>
11:20	95	A new model for the stability and mobility of finite colloidal concentration <i>LOZADA-CASSOU, Marcelo</i>
11:50	92	Cellular Automata Approach to Corrosion and Passivation Phenomena <i>STAFIEJ, Janusz</i>

14:00 Parallel Sessions**Room A**

chair: I. Nezbeda

14:00	80	Dynamic properties of charged nanoparticles in solution from coarse-grained simulations <i>JARDAT, Marie</i>
14:30	78	Thermodynamics of aqueous solutions of aliphatic ionenes with halide counterions <i>VLACHY, Vojko</i>
15:00	32	Time-Resolved Translational Diffusion Reveals Kinetics of Reaction Intermediates of Biological Proteins <i>TERAZIMA, Masahide</i>
15:30	96	Role of non-ideality for the ion transport in porous media: derivation of the macroscopic equations using upscaling <i>MIKELIC, Andro</i>

16:00	85	Chemical template synthesis of polypyrrole nanowire arrays and their hydrogen gas sensing properties <i>OMIDVAR, Hamid</i>
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Room B

chair: E. Dubois

14:00	58	Properties of Hydrated Alkali Metal Ions in Aqueous Solution <i>MÄHLER, Johan</i>
14:20	61	A Study of Allowed Electronic Transition of Organic liquid by using Attenuated Total Reflection in Far-Ultraviolet region: ~structure of liquid and electronic transition~ <i>MORISAWA, Yusuke</i>
14:40	64	Structural heterogeneity and anomalous hydrogen bonding in a series of primary alkylammonium nitrate ionic liquids revealed by High-energy X-ray diffraction experiments and MD simulations <i>SONG, Xuedan</i>
15:00	65	Efficient gold extraction from water by use of ionic liquids <i>VITE, Ghislain</i>
15:20	79	The effect of solvent molecule and co-existing alkali cation on the luminescence of tris (oxalato) chromate(III) and tris(malonato)chromate(III) in the glassed mixed-solvent of water and ethanol at 77 K. <i>OTSUKA, Takuhiro</i>
15:40	83	Cryo-brines - a new field for solution chemistry? <i>VOIGT, Wolfgang</i>

16:00 Coffee Break**16:30 Parallel Sessions****Room A**

chair: M. Terazima

16:30	93	Dynamics and reactivity in confined media : From micropores to macropores <i>RENAULT, Jean Philippe</i>
17:00	98	Effect of long-range interactions on ion equilibria in liquid-liquid extraction <i>ZEMB, Thomas</i>
17:30	86	Ultrasoft primitive model of polyelectrolytes in solution <i>COSLOVICH, Daniele</i>

Room B

chair: R. Vuilleumier

16:30	30	Possibilities of differential scanning calorimetry method to identify carbon nanomaterials <i>AVRAMENKO, Natalia</i>
16:50	60	Nitrate Coordination with Eu³⁺: influence of the solvent on the nature of the ion pair <i>GUILBAUD, Philippe</i>
17:20	43	Formation and testing of honge oil as a biodiesel <i>PARASHAR, Amit</i>

17:40	100	A novel concept for augmented van der Waals equation of state <i>TROKHYMCHUK, Andrij</i>
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18:00 - 19:30 Poster Session

Wednesday 31th

8:40 Plenary Lecture in Room A

chair: M. Klein

8:40	23	Modeling Ionic Liquids <i>MADDEN, Paul</i>
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9:30 Coffee Break

10:00 Parallel Sessions

Room A

chair: C. Chassagne

10:00	40	From Molten Salt to Electrolyte Solution: Dynamics of Ionic Liquids and their Mixtures <i>BUCHNER, Richard</i>
10:30	80	Vibrational spectral diffusion and molecular motion in supercritical water and aqueous solutions <i>CHANDRA, Amalendu</i>
11:00	90	How well-behaved are electrolyte mixtures at high temperatures ? <i>HEFTER, Glenn</i>
11:30	97	Molecular Density Functional Theory of Solvation: From polar solvents to water <i>BORGIS, Daniel</i>
12:00	98	High temperature solubility of lanthanide halides in alkali metal halide melts. <i>GAUNE-ESCARD, Marcelle</i>

Room B

chair: K. Bohinc

10:00	98	Towards a simple theory of the viscosity of electrolyte solutions: a mode-coupling approach <i>MOLINA, John</i>
10:20	53	On the use of high precision conductimetry of ionic mixtures to determine the effective charge and size of nanocolloids: Application to the complexation by humic substances of small cations. <i>MÉRIGUET, Guillaume (UPMC)</i>
10:40	57	Apparent Molal Volumes of 1,3,5,7-Tetraazatricyclo[3.3.1.1(3,7)]decane and 1,4,6,9-Tetraazatricyclo(4.4.1.1.4,9)dodecane in Aqueous Solution as a Function of Temperature <i>VARGAS, Edgar</i>
11:00	57	Enthalpies of solution of Calix[4]resorcinarene in non-aqueous solvents as

		a function of concentration and temperature <i>RIVEROS SANTOYA, Diana Carolina</i>
11:20	66	Thermodynamic peculiarities and phase diagrams of quaternary solutions with chemical reactions and miscibility gap: critical states, phase and chemical equilibria <i>TOIKKA, Maria</i>
11:40	85	Standard State Thermodynamic Properties for Ionization of Water up to 5715 K <i>DJAMALI, Essmail</i>
12:00	49	Unravelling hydration properties of lanthanoids and actinoids cations in water: an interplay between experiments and theory <i>SPEZIA, Riccardo</i>

14:00 Parallel Sessions**Room A**

chair: I. Billard

14:00	107	Experimental study of regularities in the rare earths hydrolytic behaviour <i>STEPANCHIKOVA, Sophia</i>
14:30	41	Mobility of water molecules in ion hydration shells and dielectric spectroscopy data in whole orientation frequency range <i>LYASHCHENKO, Andrey</i>
15:00	89	Mobility of charged colloids by electroacoustics <i>DUBOIS, Emmanuelle</i>
15:30	73	Possible routes for pyrochemical separation <i>DELPECH, Sylvie</i>

Room B

chair: G. Hefter

14:00	100	Understanding radionuclide chemistry and transport in clay-rich materials - a key element for demonstrating the safety of underground disposal facilities in clay-rock formations <i>ALTMANN, Scott</i>
14:20	69	Sharp decrease of the dielectric friction on polyions during conformation transition from pearl-chain to coiled shapes <i>MHALLA, Jalel</i>
14:40	56	An Experimental Atomistic Study of the Cryoprotectant Glycerol in Aqueous Solutions <i>TOWEY, James</i>
15:00	31	The formation of supramolecular structures in organic solvents <i>GREENWALD, Iosif</i>
15:20	50	Sorption of gold(III) on mercapto modified rice hull ash silica <i>NURYONO, Nuryono</i>
15:40	52	Effect of CaCl₂ on the Self Aggregation of Serotonin Norepinephrine Reuptake Inhibitor drug Venlafaxine HCl over Temperature Range 298.15-313.15 K <i>JAMAL, Muhammad Asghar</i>

16:00 Coffee Break

16:30 Parallel Session

Room A

chair: R. Buchner

16:30	88	Transport and thermodynamic properties of complex mixed electrolytes : Modeling within the Mean Spherical Approximation <i>BERNARD, Olivier</i>
17:00	91	Some aspects of organic Chemistry in super heated water <i>GOETTMANN, Frédéric</i>
17:30	45	Calorimetric determination of enthalpy changes for the proton ionization of 3-[N-morpholino]propanesulfonic acid (MOPS), 4-[N-morpholino]butanesulfonic acid (MOBS) and 3-[N-morpholino]-2-hydroxypropanesulfonic acid (MOPSO) in water-methanol mixtures JUMEAN, Fawwaz

Room B

chair: M. Bester Rogac

16:30	57	Extraction and quantification of organic phosphorus in compost, soil and sediment <i>PARASKOVA, Julia</i>
16:50	63	Multiscale modeling of ionic transport in charged clays <i>DUVAIL, Magali</i>
17:10	73	Mesoscopic structures induced by the solvation effect of antagonistic salts in the mixture of water / organic solvent <i>SADAKANE, Koichiro</i>
17:30	34	Measurement of the pure dissolution rate constant of a soft mineral in water <i>COLOMBANI, Jean</i>

18:00 - 20:00 "Poyster" Session

Thursday 1st

8:30 Plenary Lecture in Room A

chair: F. Hirata

8:30	25	Diffusion-reaction in micro- and nano-confined spaces <i>AMATORE, Christian</i>
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9:20 Coffee Break

9:50 Parallel Sessions

Room A

chair: J. Mhalla

9:50	55	Leaching of sulfide ores with solutions containing natural organic acids <i>NOVIKOVA, Svetlana</i>
10:10	70	Structure, properties of water and new approaches to assessment of drinking water quality <i>GONCHARUK, Vladyslav</i>

10:30	75	Time evaluation of aqueous leachates composition from pyrite and gossan wastes amended with organic and inorganic materials. Pot experiments <i>ABREU, Maria Manuela</i>
10:50	44	Electrophoretic mobility and speciation: experiments, interpretation and problems <i>AUPIAIS, Jean</i>
11:20	77	Arsenic in natural aqueous systems. What a challenge! <i>MAGALHÃES, Maria Clara</i>

Room B

chair: A. Chandra

9:50	80	Computational Studies of Self-Assembly: From Surfactants and Janus Dendrimers to Ionic Liquids and More <i>KLEIN, Michael</i>
10:20	28	Spatial decomposition analysis of protein thermodynamics based on the 3D-RISM theory <i>YAMAZAKI, Takeshi</i>
10:50	34	A transferable model of water <i>BARANYAI, András</i>
11:20	73	Conductivity of electrolyte solutions-an outdated story ? <i>BESTER ROGAC, Marija</i>

13:00 Departure for Conference Excursion

13:00-23:00 Conference Excursion & Conference Dinner

Pont du Gard – Avignon – Palais des Papes

Friday 2nd

8:30 Plenary Lecture in Room A

chair: M. Lozada-Cassou

8:30	26	Structure and Dynamics of Liquids and Solutions in Confinement <i>YAMAGUCHI, Toshio</i>
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9:20 Coffee Break

9:50 Parallel Sessions

Room A

chair: J. Teixeira

9:50	90	Phase equilibria of binary and ternary systems containing ILs <i>ROONEY, David</i>
10:20	41	Thermodynamic and structural investigation of the trivalent actinides complexation with DTPA <i>LEGUAY, Sébastien</i>
10:40	42	Towards a more comprehensive modelling capability for aqueous solution thermodynamics

		<i>ROWLAND, Darren</i>
11:00	46	Enthalpies of Solution of 1,3,6,8-Tetrazatricyclo [4.4.1.13,8]dodecane as function of concentration and temperature <i>SALAMANCA BLANCO, Yina Patricia</i>
11:20	117	Heats of Mixing in Binary Liquid Alloys of Transition Metals <i>DUBININ, Nikolay</i>
11:40	49	Study of the EDTA speciation for its quantification in radioactive wastes containing heavy metals <i>RENAUDIN, Laëtitia</i>

Room B

chair: J. Aupiais

9:50	32	Synthesis and Characterization of Three Novel Resins <i>FALLAHI, Afsoon</i>
10:10	33	Study of Chain Length Effect on Dielectric Relaxation and Thermodynamic Properties of Polymers Using TDR Method <i>SARODE, Arvind</i>
		Modeling complex biological systems: from solution chemistry to membranes <i>BAADEN, Marc</i>
10:50	48	X-ray and neutron scattering study of aqueous solutions of polyhydroxycompounds <i>SHALAEV, Evgenyi</i>
11:30	94	Study of random amphiphilic polyanions for molecular encapsulation of water-insoluble compounds <i>SCHOTT, Marc-alexandre</i>

Poster Sessions

Poster session 1

Tuesday 30th, 18:00-19:30

p.	
104	The influence of ionic strength on the equilibrium constant of vanadyl(IV), O-S anionic ligand of D-penicillamine <i>HAKIMELAHI, Rakhshan</i>
105	Toward fragment-based drug design using a new ligand-mapping method based on molecular liquid theory <i>IMAI, Takashi</i>
106	The influence of anthropogenic drainage waters on adjacent area soil composition <i>NOVIKOVA, Svetlana</i>
106	Hydrophobic effect on the conformational equilibria of diethyl ether and ethyl isopropyl ether using Raman spectroscopy and molecular dynamic simulation <i>WADA, Ryoichi</i>
107	Transference Number and Conductance Studies of Sodium Chloride in 20 Mass per cent Ethanol + Water, and 20 Mass per cent Formamide + Water Mixture at 298.15 K <i>TOMAŠ, Renato</i>
108	Stepwise formation of the molecular complexes of 3-nitrofluoranthene with toluene in cyclohexane <i>KOBAYASHI, Michio</i>
109	Photo-induced Electron Transfer Reaction between Aromatic Compounds in Ethylene Glycol <i>INADA, Taeko</i>
109	Shape changes in polysorbate 20 micelles of nanoscale self-assembly in aqueous solutions of each of three polar solvents (1,4-dioxane, dimethyl sulfoxide, N,N-dimethylformamide). <i>AIZAWA, Hideki</i>
110	The anion influence on hydrophobic hydration of tetraalkylammonium hydroxides and salts <i>LYASHCHENKO, Andrey</i>
111	Complexation of protactinium(V) with citric and nitrilotriacetic acids <i>LEGUAY, Sébastien</i>
112	Interparticle Interactions from Activity of Water of Ternary Amino Acid-Electrolyte Solutions <i>TSURKO, Elena Nikolayevna</i>
112	Hydration and microwave dielectric properties of alkali metals and ammonium fluorides <i>LILEEV, Alexander</i>
113	Sensitive separation and characterization of plants extracts for discovery of new anticancer leaders <i>IONKOVA, Iliana</i>
114	Electrophoretic mobility of some isotopes in aqueous solution at 25 °C and infinite dilution from conductivity data and/or capillary electrophoresis <i>AUPIAIS, Jean</i>
114	Critical and limiting fluxes in ultrafiltration using a porous polymeric tubular

	membrane <i>BEICHA, Abdellah</i>
115	Hard convex body fluids confined in random porous media: scaled particle theory <i>HOLOVKO, Myroslav</i>
115	Ionic Association and Solvation of the Ionic Liquid 1-Hexyl-3-Methylimidazolium Chloride in Molecular Solvents Revealed by Vapor Pressure Osmometry, Conductometry, Volumetry and Acoustic Measurements <i>SADEGHI, Rahmat</i>
116	Conductance of potassium chloride in methanol at high temperatures and pressures up to 473 K and 100 MPa <i>HOSHINA, Taka-aki</i>
116	ATR-IR study on the concentration dependence of hydration number of alkali metal ions <i>KAMEDA, Yasuo</i>
117	Terahertz spectroscopy study of concentrated sorbitol solutions and glasses <i>SIBIK, Juraj</i>
119	The Structure in Water-Alcohol Mixtures by Monte Carlo Method <i>ATAMAS, Nataliya</i>
119	Temperature effects on reorientational correlation time of water in formamide and N,N-dimethylformamide - water mixtures <i>OKADA, Masaki</i>
120	An Infrared and Computational Study of Hydrogen Bonding to Uracil <i>Maryam Hajimohammadpour and Earle Waghorne</i> <i>HAJIMOHAMMADPOUR, Maryam</i>
120	Hydrolysis Aqueous Sulfu and at Moderately pH ric Acid of Poly(e-caprolactam) at High pH <i>MANTECA-DIEGO, Consolacion</i>
121	Estimation of the "hydrophobic reactivity" of SDS by the use of BPh4- anions <i>BOUGHAMMOURA, Sondès</i>
122	An Infrared and Computational Study of Hydrogen Bonding to Uracil <i>HAJIMOHAMMADPOOR, Maryam</i>
123	Structure and dynamics of CO₂, H₂CO₃, HCO₃⁻, CO₃(²⁻) in aqueous solutions: Ab initio molecular dynamics simulations <i>KALINICHEV, Andrey</i>
123	The structure of electrolyte solutions and dynamics of ions near single wall carbon nanotubes <i>KOLKER, Arkady</i>
124	Complexes of sulfuric acid with N,N-dimethylformamide: an ab initio investigation <i>SAFONOVA, Liubov</i>

Poster session 2**Wednesday 31st, 18:00-20:00**

p.	
125	Physico-chemical properties of proton conducting electrolytes at confined geometry of polymeric gel <i>SHMUKLER, Liudmila</i>
126	Description of aqueous solutions of ammonium and bulky anions within the BiMSA model: Towards the description of ionic liquids in water <i>PAPAICONOMOU, Nicolas</i>
126	Comparative studies of hydration of some oxoanions <i>EKLUND, Lars</i>
127	The interaction of iron and oxygen on oak wood – determination of degree of deterioration of iron impregnated fresh oak wood by tensile strength and chemical analyses and comparison with Vasa wood <i>JOHANSSON, Charles</i>
127	Solution Properties and Cross-linking Reaction of Syndiotactic-like PVA Solution <i>OH, Tae Hwan</i>
128	NMR Relaxation Studies on 1-Alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)amide <i>KANAKUBO, Mitsuhiro</i>
129	Physicochemical Properties of Diglyme-Lithium Bis(trifluoromethanesulfonyl)amide Solutions <i>KANAKUBO, Mitsuhiro</i>
129	Absorption and Desorption Properties of CO₂ in DBU-Alcohol Systems <i>KANAKUBO, Mitsuhiro</i>
130	Raman spectroscopic study on N-methylimidazolium based Protic Ionic Liquids <i>UMEBAYASHI, Yasuhiro</i>
130	Determination of Distance-dependent Viscosity of Mixtures in Parallel Slabs using Non-equilibrium Molecular Dynamics <i>PAŘEZ, Stanislav</i>
131	Molecular simulations of electrokinetic phenomena at the solid-liquid interface <i>PAŘEZ, Stanislav</i>
132	Experimental study and thermodynamic analysis of quaternary reacting systems with ester synthesis reaction in solution <i>TOIKKA, Maria</i>
133	Study of destruction of water structure in the binary mixtures N,N-dimethylformamid-water and tetrahydrofuran-water <i>MIRZAEV, S.z.</i>
133	Study of density and adiabatic compressibility fullurene (C₆₀) solutions <i>MIRZAEV, S.z.</i>
134	Ion pairing of biologically important ions: A global model <i>BONCINA, Matjaz</i>
135	Effect of temperature on the sorption of Selenium on alumina and montmorillonite <i>MOREL, Jean-pierre</i>
135	Insights on capacitive and structural properties of [BMI][PF₆] confined between graphite electrodes from molecular dynamics <i>SALANNE, Mathieu</i>

136	Acoustic, thermodynamic, and transport properties of aqueous solutions of sodium cyclamate at (298.15, 303.15, 308.15, and 313.15) K <i>KHARAT, Sanjeevan</i>
137	Predicting the Solubility of Alkali and Alkali Earth Halides by Artificial Neural Network <i>TAURA, Toshiaki</i>
137	Properties of Syndiotactic Poly(vinyl alcohol) Solution Containing Zirconium Oxide <i>OH, Tae Hwan</i>
138	Electrocatalytic oxidation of Acetaminophen on a Nanocomposit Ni-αAl₂O₃nickel modified Grafit electrode <i>MIRZAPOURARMAKY, Abolfazl</i>
138	Sorption of aluminium from drinking water by ion-exchangers of different chemical nature <i>IAKYMOMA, Tetiana</i>
139	The effect of anodizing parameters on morphology of TiO₂ nanotube arrays <i>OMIDVAR, Hamid</i>
139	An analytical expression of the Ornstein-Zernike integral equation of hard-sphere liquid derived from the extended scaled particle theory <i>IRISA, Masayuki</i>
140	A comparison between the morphology of chemical and electrochemical template synthesized polypyrrole nanowires <i>HASSANZADEH, Nafiseh</i>
140	The effect of pressure on the trans-gauche equilibrium of n-butane in water: Relevance to pressure denaturation of proteins <i>KATO, Minoru</i>
141	Colloidal porous nanoparticles of vermiculite <i>MIRZAEV, Sirojiddin</i>
142	Scaled particle theory for one- and two- dimensional hard-core fluids in disordered porous matrices <i>HOLOVKO, Myroslav</i>
142	Molecular simulation of fluid-solid interface at nanoscale <i>OULD-KADDOUR, Fouzia</i>
143	Thermodynamic approach of actinides solvation and extractionby N,N-dialkylamide <i>RODRIGUES, Florian</i>