

Михаил Алексеевич Воротынец / Mikhail A. Vorotyntsev

Пленарные, тематические и приглашенные доклады на конференциях Plenary, keynote and invited lectures at conferences

- Novel autocatalytic mechanism of electrochemical processes and its implications for energy sources
Vorotyntsev M.A., Antipov A.E., Konev D.V., Tolmachev Yu.V.
XX Менделеевский съезд по общей и прикладной химии, 2016, Екатеринбург, Россия
- Novel Autocatalytic Mechanism of Electrochemical Processes and Its Implications for Electrical Energy Sources
M. A. Vorotyntsev, Yu. V. Tolmachev, D. V. Konev, A. E. Antipov
International conference "Ion transport in organic and inorganic membranes", 2016, Sochi, Russia
- Porphine-Based Electroactive Materials
D. V. Konev, C. H. Devillers, M. A. Vorotyntsev
French-Russian Conference on Soft-Matter Systems, 2015, Moscow, Russia
- Spectroelectrochemistry as a tool to characterize the molecular structure of conjugated polymer films
D. V. Konev, O. I. Istakova, O. A. Sereda, M. A. Shamraeva, C. H. Devillers, M. A. Vorotyntsev
4th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface (ISSIS 2015), 2015, Cracow, Poland
- Spectroelectrochemistry in the course of oxidative electrolysis as a tool to characterize the molecular structure of electroactive polymer based on Mg(II) porphine
D. V. Konev, O. I. Istakova, O. A. Sereda, M. A. Shamraeva, C. H. Devillers, M. A. Vorotyntsev
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
- Novel in situ method for measuring the specific conductivity of a thin film on the disk electrode surface and its dependence on potential
M. A. Vorotyntsev, D. V. Konev
International conference "Ion transport in organic and inorganic membranes", 2015, Sochi, Russia
- Новый in situ метод измерения зависимости удельной электропроводности тонкой пленки на поверхности дискового электрода от его потенциала
М. А. Воротынец, Д. В. Конев
12-ое международное совещание "Фундаментальные проблемы ионики твердого тела", с. 115-116, 2014, Черногловка, Россия
- AFM study of conducting polymer films near electrode's edge or grown on microband electrode
M. A. Vorotyntsev, D. V. Konev, U. Lange, Y. V. Tolmachev, M. Skompska
International conference "Ion transport in organic and inorganic membranes", с. 264-266, 2014, Агой, Россия
- Новое семейство электроактивных полимеров на основе металлопорфинов. Электрокатализ реакции восстановления кислорода
Д. В. Конев, Ш. Девилье, К. В. Лизгина, М. А. Воротынец
9-ая российская конференция "Физико-химические проблемы возобновляемой энергетики", с. 209-210, 2013, Санкт-Петербург, Россия
- Новый электроактивный полимер - полипорфин кобальта и реакция восстановления кислорода на его поверхности
Д. В. Конев, Ш. Девилье, К. В. Лизгина, М. А. Воротынец
2-я всероссийская конференция с международным участием "Топливные элементы и энергоустановки на их основе", с. 68-69, 2013, Черногловка, Россия
- Синтез и характеристика полипорфинов - нового семейства электроактивных полимеров на основе незамещенных (металло)порфиринов
М. А. Воротынец, Д. В. Конев, Ш. Девилье
IV конференция с элементами научной школы для молодежи "Органические и гибридные наноматериалы", с. 12-15, 2013, Иваново
- Одностадийный химический синтез нанокомпозитов Pd-полипиррол и их применения в органическом катализе
М. А. Воротынец, В. А. Зиновьева, Е. В. Золотухина, J.-C. Hierro, И. Безверхий, О. Heintz, Т. В. Магдесиева, О. М. Никитин, О. А. Левицкий
Международная молодежная научная школа "Функциональные нанокомпозиционные материалы и их применение в атомной отрасли", Сборник материалов, с. 17, 2012, Москва
- One-step chemical synthesis of Prussian Blue-Polypyrrole (PB/PPy) composite films: prospective electrodes for hydrogen peroxide (bio)sensors
M.A.Vorotyntsev, E.V.Zolotukhina, I. Bezverkhyy, D.V.Konev, Y. Lacroute, A.A.Karyakin
International Workshop on the Electrochemistry of Electroactive Materials (WEEM), 034, p. 59, 2012, Szeged, Hungary

- AFM Study of Conducting Polymer Films near Electrode's Edge or Grown on Microband Electrode
M. A. Vorotyntsev, D. V. Konev, M. Skompska
3th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface, L-7, 2012, Krakow, Poland
- Electrochemistry of Porphine-Based Electroactive Polymers
M. A. Vorotyntsev, D. V. Konev, C. H. Devillers, I. Bezverkhyy, O. Heintz
International symposium "Conducting Polymers", IL03, p. 40, 2011, Prague, Czech Republik
- Polyporphines: a New Family of Conducting Polymers
9th International Frumkin Symposium, 2010, Moscow, Russia
- New Family of Electroactive Polymer Materials on the Basis of Porphyrin Units, with Unusual Electronic and Optical Properties
10th Meeting "Fundamental Problems of Solid State Ionics", 2010, Chernogolovka, Russia
- Chemical Synthesis of Composite Materials: Polypyrrole/Incorporated Metal Nanoparticles
International Conference "Ion Transport in Organic and Inorganic Membranes", 2010, Tuapse, Russia
- Polyporphines: a New Family of Conducting Polymers
WEEM-2009 ("International Workshop on Electrochemistry of Electroactive Materials"), 2009, Szczyrk, Poland
- Theory of Charge Transport in Mixed Conductors: Description of Interfacial Contributions Compatible with the Gibbs Thermodynamics
International Conference "Ion Transport in Organic and Inorganic Membranes", 2009, Tuapse, Russia
- Synthesis and Characterization of Hybrids Materials: Conducting Polymer/Incorporated Ag Nanoparticles
9th Spring Meeting of the International Society of Electrochemistry, 2009, Szczyrk, Poland
- Synthesis and Characterization of Hybrids Materials: Conducting Polymer/Incorporated Ag Nanoparticles
59th Annual Meeting of the International Society of Electrochemistry, 2008, Sevilla, Spain
- Theory of Charge Transport in Mixed Conductors: Description of Interfacial Contributions Compatible with the Gibbs Thermodynamics
9th Meeting "Fundamental Problems of Solid State Ionics", 2008, Chernogolovka, Russia
- Composite Materials Based on Conducting Polymers
CONPOEX Meeting ("International Conducting Polymer Expert Meeting"), 2008, Borovets, Bulgaria
- Kinetics of the Conducting Polymer Deposition Process. Polypyrrole Functionalized with Pendant Titanocene Dichloride Complexes
WEEM-2006 ("International Workshop on Electrochemistry of Electroactive Materials"), 2006, Saint-Petersburg, Russia
- Electrochemistry of Polypyrrole Films Functionalized by Immobilized Titanocene Dichloride Centers
8th International Frumkin Symposium "Kinetics of Electrode Processes", 2005, Moscow, Russia
- Titanocene Dichloride Reduction at Electrode Coated with Titanocene-Polypyrrole Film
4th Baltic Conference on Electrochemistry, 2005, Greifswald, Germany
- A New Method to Determine the Diffusion Time Constant and External Resistance of Thin Solid Films from Potential Step (PITT) Experiments
International Conference on Electrode Processes, 2004, Szczyrk, Poland
- Theory of Charge Transport in Mixed Conductors: Description of Interfacial Contributions Compatible with the Gibbs Thermodynamics.
7th ISSFIT ("7th International Symposium Systems with Fast Ionic Transport"), 2004, Bled, Slovenia
- Electrochemistry of Polypyrrole Films Functionalized by Immobilized Titanocene Dichloride Centers
WEEM-2003 ("International Workshop on Electrochemistry of Electroactive Materials"), 2003, Bad Herrenalb, Germany
- Mechanism of Redox Transformation of Titanocene Centers Immobilized inside Polypyrrole Film
3rd Baltic Conference on Electrochemistry, 2003, Gdansk, Poland.
- Mechanism of Redox Transformation of Titanocene Centers Immobilized inside Polypyrrole Film
Spectroelectrochemistry of Conducting Polymers, 2002, Moscow, Russia.
- Redox activity of titanocene-polypyrrole in THF
53rd Annual Meeting of the International Society of Electrochemistry, 2002, Düsseldorf, Germany
- "Circuits équivalents naturels" des conducteurs mixtes électroniques-ioniques
14^{ème} Forum sur les Impédances Electrochimiques, 2002, Paris, France
- Synthesis of titanocene containing conducting polymer films
2001 Joint International Meeting of the Electrochemical Society and of the International Society of Electrochemistry, 2001, San Francisco, USA

- Charging Process of Conducting Polymers and Oligomers: Effect of Intermolecular Bond Formation
2001 Joint International Meeting of the Electrochemical Society and of the International Society of Electrochemistry, 2001, San Francisco, USA
- "Natural" Equivalent Circuits of Electron-Ion Conducting Films
5th International Symposium on Electrochemical Impedance Spectroscopy (EIS 2001), 2001, Marileva-Trento, Italy
- Charge transport in electroactive films: "natural" equivalent circuits; homogeneous versus heterogeneous models
NATO ARW WEEPF-2000 ("International Workshop on Electrochemistry of Electroactive Polymer Films"), 2000, Poraj, Poland
- Impedance of Electron-Ion Conducting Films: Separation of the Bulk-Film and Interfacial Contributions
51st Annual Meeting of the International Society of Electrochemistry, 2000, Warsaw, Poland
- Impedance of Electron-Ion Conducting Films: Separation of the Bulk-Film and Interfacial Contributions
197th Meeting of the Electrochemical Society, 2000, Toronto, Canada
- "Natural" Equivalent Circuits of Electron-Ion Conducting Films
197th Meeting of the Electrochemical Society, 2000, Toronto, Canada
- Charging Process of Conducting Polymers: Effect of Dimerization
50th Annual Meeting of the International Society of Electrochemistry, 1999, Pavia, Italy
- Impedance of Electroactive Polymer Films: Separation of Bulk-Film and Interfacial Contributions
14th Symposium of the Polish Electrochemical Society, 1999, Poraj, Poland
- Impédance des Couches Minces Contenant des Espèces Mobiles Electroniques et Ioniques : Effets de la Charge des Interfaces
11^{ème} Forum sur les Impédances Electrochimiques, 1998, Paris, France
- Electron-Ion Transport in Conducting-Polymer Films and Redox Reactions at the Film/Solution Interface
49th Annual Meeting of the International Society of Electrochemistry, 1998, Kitakyushu, Japan
- Impedance of Electrodeposited Films with Mixed Electron-Ion Conductivity: Separation of Bulk and Interfacial Contributions
International Symposium on Electrodeposition and Corrosion Science, 1998, Kitakyushu, Japan
- Multi-Component Diffusion Approach to Transport across Electroactive-Polymer Films: Redox Reaction at the Film/Solution Interface
2nd International Workshop on Electrochemistry of Electroactive Polymer Films, 1997, Dourdan, France
- Memory effects in electron conducting polymers.
Joint International Meeting of the Electrochemical Society and International Society of Electrochemistry, 1997, Paris, France
- Percolation phenomena and polymer-matrix relaxation effects in electron-conducting polymers.
Meeting of the Electrochemical Society of Japan, 1996, Kyoto, Japan
- Charging of conducting-polymer films and ionic exchange with the solution.
47th Annual Meeting of the International Society of Electrochemistry, 1996, Veszprem-Balatonfured, Hungary
- Fundamentals of electrochemical adsorption.
European Science Foundation Workshop on Bioelectrochemistry, 1996, Copenhagen, Denmark
- Ion exchange with the solution in the course of the charging-discharging process in electroactive-polymer films.
Annual Meeting of the Chemical Society of Japan, 1996, Tokyo, Japan
- Electric potential distribution and the charging process in electroactive polymer films.
6th International Frumkin Symposium on Electrochemistry, 1995, Moscow, Russia
- The charging process in electron-conducting polymer films and ionic exchange with the solution.
International NATO Advanced Research Workshop on New Promising Electrochemical Systems for Rechargeable Batteries, 1995, Kiev, Ukraine
- Interpretation of the ion-exchange data in the course of the charging-discharging process in electroactive-polymer films.
International Workshop on Electrochemistry of Electroactive Polymer Films, 1995, Moscow, Russia
- Transport phenomena in conducting polymer films.
45th Annual Meeting of the International Society of Electrochemistry, 1994, Porto, Portugal
- Charging/discharging of electron-conducting polymer films as electron-ion doping process.
International Symposium on Synthetic Membrane Fundamentals, 1993, Kiev, Ukraine
- Modeling of steady-state and impedance properties of conducting polymers.
5th International Frumkin Symposium on Electrochemistry, 1991, Dubna, USSR
- Electric double layer structure at a dielectric / solution interface.
International Symposium on Non-Equilibrium Electric Surface Phenomena, 1991, Kiev, USSR

- Theory of equilibrium and kinetic phenomena in electron-conducting polymer films.
9th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1991, Tartu, USSR
- Convective mass transfer in electrochemical cells. Electrochemistry for the study of turbulence.
International Research Workshop on Condensed Matter, Atomic and Molecular Physics (Working Party on Electrochemistry), 1990, Trieste, Italy
- Many-body theory of specific ionic adsorption.
International Research Workshop on Condensed Matter, Atomic and Molecular Physics (Working party on Electrochemistry), 1990, Trieste, Italy
- Structure and properties of electron-conducting polymer electrodes.
14th A. N. Frumkin Lectures on Electrochemistry (USSR), 1990, Batumi, USSR

Избранные доклады / Selected Communications

- Новый автокаталитический механизм электрохимических процессов и его применение для источников энергии
Воротынцев М.А., Толмачев Ю.В.¹, Конев Д.В.^{1,3}, Антипов А.Е.
Всероссийская конференция РНФ "Фундаментальные химические исследования XXI-го века", устный, 2016, Москва
- Сравнение полимерных пленок на основе порфина Mg(II) или 5,15-ди(параметоксифенил)порфина Mg(II)
Конев Д.В., Истакова О.И., Лизгина К.В., Воротынцев М.А.
Всероссийская конференция РНФ "Фундаментальные химические исследования XXI-го века", устный, 2016, Москва
- Comparison of polymer films based on Mg(II) porphine and on Mg(II) 5,15-di(paramethoxyphenyl)porphine
Konev D.V., Istakova O.I., Lizgina K.V., Vorotyntsev M.A.
International Symposium "FRANCE-RUSSIA 50 Years of S&T cooperation: chemistry and materials", oral, 2016, Ekaterinburg, Russia
- Comparison of polymer films based on Mg(II) porphine and on Mg(II) 5,15-di(paramethoxyphenyl)porphine
Konev D.V., Istakova O.I., Lizgina K.V., Vorotyntsev M.A.
International Symposium "FRANCE-RUSSIA 50 Years of S&T cooperation: chemistry and materials", oral, 2016, Ekaterinburg, Russia
- Modeling of ion transport in electrochemical systems based on autocatalytic redox–mediator mechanism. Numerical verification of analytical approach
A.E. Antipov, M.A. Vorotyntsev
1st International conference of young scientists "Topical problems of modern electrochemistry and electrochemical materials science", 2016, Суздаль, Россия
- Bromide Oxidation on Glassy Carbon Rotating Disc Electrode in The Sulfuric Acid Solution
Konakov A.O., Konev D.V., Antipov A.E., Vorotyntsev M.A.
1st International conference of young scientists "Topical problems of modern electrochemistry and electrochemical materials science", 2016, Суздаль, Россия
- Synthesis of Cobalt (II) Polyporphine Films by Electrochemical Method
O.I. Istakova, D.V. Konev, M.A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, oral, 2016, Hague, Netherlands
- Electropolymerization Process of Mg (II) Porphine: Electrochemical Quartz Crystal Microbalance (EQCM) Study
O.I. Istakova, D.V. Konev, O.A. Goncharova, P.V. Pyrkov, M.A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Spectroelectrochemistry in the Course of Mg (II) Porphine Polymerization as a Way to Determine the Molecular Structure of Forming Electroactive Polyporphine Film
D.V. Konev, O.I. Istakova, O. A. Sereda, M.A. Shamraeva, M.A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Influence of Various Solvents on the Electropolymerization Process of Mg (II) Porphine and Properties of Electroactive Polyporphine Films
O.I. Istakova, D.V. Konev, D.K. Khayrullina, M.A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Novel Autocatalytic Mechanism of Electrochemical Processes and Its Implications for Electrical Energy Sources
M. A. Vorotyntsev, Yu. V. Tolmachev, D. V. Konev, A. E. Antipov
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Convection effects on bromate electroreduction on inactive RDE under steady-state conditions. Equal diffusion coefficients
A. E. Antipov, M. A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Numerical study of transport processes and comproportionation reaction in the course of bromate electroreduction under steady-state conditions
O. I. Istakova, A. E. Antipov, M. A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- The first practical flow battery for stationary energy storage, fully electric vehicles and direct solar-to-chemical energy conversion
Yu. V. Tolmachev, D. V. Konev, A. D. Modestov, A. E. Antipov, M. A. Vorotyntsev
67th Annual Meeting of the International Society of Electrochemistry, poster, 2016, Hague, Netherlands
- Синтез пленок полипорфина кобальта электрохимическим методом
Истакова О. И., Конев Д. В., Воротынцев М. А.
13-ое совещание "Фундаментальные проблемы ионика твердого тела", 2016, Черногоровка, Россия

- Электровосстановление бромата в кислых растворах: диффузионный транспорт протонов, ограничивающий протекающий ток

Антипов А. Е., Воротынцев М.А., Конев Д.В.

13-ое совещание “Фундаментальные проблемы ионики твердого тела”, 2016, Черноголовка, Россия

- Novel autocatalytic mechanism of electrochemical processes and its implications for electrochemical energy systems
Y. V. Tolmachev, A. E. Antipov, M. A. Vorotyntsev

6th Baltic Electrochemistry Conference, oral, p. 53, 2016, Helsinki, Finland

- Comparison of polymer films obtained by electrooxidation of Mg(II) porphine and its derivative: 5,15-di(paramethoxyphenyl)porphine

D. V. Konev, O. I. Istakova, K.V.Lizgina, M. A. Vorotyntsev

6th Baltic Electrochemistry Conference, poster, p. 102, 2016, Helsinki, Finland

- Bromate reduction in acidic solutions: current limitation due to protons

A. E. Antipov, M. A. Vorotyntsev

6th Baltic Electrochemistry Conference, poster, p. 110, 2016, Helsinki, Finland

- Pd/PPy composites as prospective materials for formaldehyde determination in water

K. V. Gor'kov, E. V. Zolotukhina, M. A. Vorotyntsev

International conference "Ion transport in organic and inorganic membranes", oral, 2016, Sochi, Russia

Oral, Polymères conducteurs à base de porphines de Co(II) : de nouveaux outils pour l'analyse. S. D. Rolle, D. Lucas, C. H. Devillers, C. Stern, D. V. Konev, M. A. Vorotyntsev, K. V. Lizgina, O. Heinz, F. Herbst, *Journées de l'École Doctorale, May 19-20th 2016.*

Invited seminar, Magnesium Porphine Electropolymerization and Electrografting of meso-Diazonium Porphyrins: Towards Sensing Materials. C. H. Devillers, A. K. D. Dimé, S. Hebié, S. Rolle, S. Fournier, D. Lucas, H. Cattey, D. V. Konev, M. A. Vorotyntsev, *International Congress of Porphyrins and Phthalocyanines 9, Nanjing, China, July 3rd-8th 2016.*

Poster, Electrochemistry as an Attractive and Effective Tool for Synthesis and Immobilization of Porphyrins on Electrode Surfaces D. Lucas, C. H. Devillers, S. Hebié, S. D. Rolle, A. K. Dimé, O. Heintz, F. Herbst, M. A. Vorotyntsev, D. V. Konev, *67th Annual Meeting of the International Society of Electrochemistry, La Hague, Netherlands, August 21st-26th 2016.*

Poster, Porphine polymers: a family of conducting materials with numerous potential applications. S. D. Rolle, D. Lucas, C. H. Devillers, C.; Stern, D. V. Konev, M. A. Vorotyntsev, I. Bezverkhyy, O. Heinz, F. Herbst, *Annual Meeting of the International Society of Electrochemistry, La Hague, Netherlands, August 21st-26th 2016.*

- Spectroelectrochemistry in the course of oxidative electrolysis as a tool to determine the molecular structure of electroactive polymer based on Mg(II) porphine

D. V. Konev, O. I. Istakova, O. A. Sereda, M. A. Shamraeva, C. H. Devillers, M. A. Vorotyntsev

66th Annual Meeting of the International Society of Electrochemistry, ise150814, 2015, Taipei, Taiwan

- Study of effect of various solvents on the electropolymerization process of Mg(II) porphine and electroactive properties of polyporphine films

D. V. Konev, O. I. Istakova, D. K. Khairullina, M. A. Vorotyntsev

66th Annual Meeting of the International Society of Electrochemistry, ise151859, 2015, Taipei, Taiwan

- Роль эффектов размыывания заряда иона и переэкранирования диэлектрической функции растворителя в нелокально электростатической теории сольватации

A. A. Рубашкин, М. А. Воротынцев

XII Всероссийская конференция с международным участием "Проблемы сольватации и комплексообразование в растворах. От эффектов в растворах к новым материалам", с. 24-25, 2015, Иваново, Россия

- Spectroelectrochemistry in the course of oxidative electrolysis as a tool to determine the molecular structure of electroactive Mg(II)-porphine polymer

D.V. Konev, O.I. Istakova, O.A. Sereda, M.A. Shamraeva, M.A. Vorotyntsev

10th International Frumkin Symposium on Electrochemistry, 2015, Moscow, Russia

- Influence of various solvents on the electropolymerization process of Mg(II) porphine and properties of electroactive polyporphine films

Konev D.V., Istakova O.I., Vorotyntsev M.A., Khayrullina D.K.

10th International Frumkin Symposium on Electrochemistry, 2015, Moscow, Russia

- Amperometric detection of formaldehyde in water by help of novel Pd/PPy nanocomposites

Gor'kov K.V., Zolotukhina E.V., Mustafina E.R., Vorotyntsev M.A.

10th International Frumkin Symposium on Electrochemistry, 2015, Moscow, Russia

- Redox and electrochromic properties of Prussian Blue-polypyrrole nanocomposite films

Talagaeva N.V., Zolotukhina E.V., Pisareva P.A., Vorotyntsev M.A.

10th International Frumkin Symposium on Electrochemistry, 2015, Moscow, Russia

- Synthesis and Comparative Characterization of Polymer Films Obtained by Electrooxidation of Mg(II) Porphine and its 5,15-derivative (5,15-di(paramethoxyphenyl)porphine)
D. V. Konev, O. I. Istakova, K. V. Lizgina, M. A. Vorotyntsev
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
 - Electroactive Metallocomplexes of Polyporphines: Synthesis and Examples of Application
D. V. Konev, O. I. Istakova, K. V. Lizgina, M. A. Vorotyntsev, B. Dembinska, M. Skunik-Nuckowska, P. J. Kulesza
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
 - Pd/PPy Nanocomposites as Electrocatalysts for HCOH Oxidation
E. V. Zolotukhina, K. V. Gor'kov, E. R. Mustafina, M. A. Vorotyntsev
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
 - Electrochromic Stability of Prussian Blue-Polypyrrole Nanocomposite Films
E. V. Zolotukhina, N. V. Talagaeva, P. A. Pisareva, M. A. Vorotyntsev
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
 - Nonlocal Electrostatics Calculation of Ion Solvation Energy. Effects of Cut-Out Ion Volume and Charge Distribution Inside Ion
A. A. Rubashkin, D. V. Konev, M. A. Vorotyntsev
International Workshop on the Electrochemistry of Electroactive Materials (WEEM-2015), 2015, Bad Herrenalb, Germany
 - Novel Family of Porphine - Based Electroactive Materials. Electrocatalysis of Oxygen Reduction Reaction
D. V. Konev, C. H. Devillers, K. V. Lizgina, V. E. Baulin, I. P. Kalashnikova, M. A. Vorotyntsev
5th Israeli Power Sources Conference, 2015, Herzelia, Israel
- Poster, A new material based on porphine macrocycle: electropolymerization and in-situ modification. S. Rolle, D. Lucas, C. H. Devillers, C. Stern, D. V. Konev, M. A. Vorotyntsev, I. Bezverkhyy, O. Heinz, F. Herbst, Journées d'électrochimie 2015, Rome, Italy, July 6-10th 2015.*
- Poster, A new material based on porphine macrocycle: electropolymerization and in-situ modification. S. Rolle, D. Lucas, C. H. Devillers, C. Stern, D. V. Konev, M. A. Vorotyntsev, I. Bezverkhyy, O. Heinz, F. Herbst, 6th EuChemS Conferences on Nitrogen Ligands, Beaune, France, September 13-17th 2015.*
- Novel family of porphine-based electroactive materials. electrocatalysis of oxygen reduction reaction
D. V. Konev, C. H. Devillers, K. V. Lizgina, V. E. Baulin, I. P. Kalashnikova, M. A. Vorotyntsev
65th Annual Meeting of the International Society of Electrochemistry, ise142347, 2014, Lausanne, Switzerland
 - One-stage periodical anodic-cathodic double pulse deposition of nanocomposite materials. application to Prussian Blue/polypyrrole film coated electrodes
E. V. Zolotukhina, M. A. Vorotyntsev
65th Annual Meeting of the International Society of Electrochemistry, ise142093, 2014, Lausanne, Switzerland
 - Influence of proton-acceptor additives on electropolymerization process of magnesium porphine
D. V. Konev, C. H. Devillers, K. V. Lizgina, O. I. Istakova, M. A. Vorotyntsev
65th Annual Meeting of the International Society of Electrochemistry, ise142360, 2014, Lausanne, Switzerland
 - Электрохимический кварцевый микробаланс как метод исследования процесса окислительной полимеризации порфина магния
О. И. Истакова, Д. В. Конев, М. А. Воротынцев
Электрохимия органических соединений, 2014, Тамбов
 - Palladium-polypyrrole nanocomposites in catalysis of carbon-carbon bond formation: advantages and limitations
T. V. Magdesieva, O. M. Nikitin, E. V. Zolotukhina, M. A. Vorotyntsev
XII International Conference on Nanostructured Materials, p. 1011, 2014, Moscow, Russia
 - Электрохимическая полимеризация порфина магния. Получение полипорфинов различной структуры с различными центральными ионами
К. В. Лизгина, Д. В. Конев, М. А. Воротынцев
12-ое совещание "Фундаментальные проблемы ионика твердого тела", с. 108-109, 2014, Черногловка
 - Эффекты нелокальности и переэкранирования в теории ионного транспорта через плотные контакты между эпителиальными клетками
А. А. Рубашкин, М. А. Воротынцев
12-ое совещание "Фундаментальные проблемы ионика твердого тела", с. 300-301, 2014, Черногловка
 - Синтез электрокатализаторов палладий-полипиррол и их активность в реакции окисления HCOH
Е. Золотухина, И. Ермаков, Т. Кравченко, М. Воротынцев, Э. Мустафина
12-ое совещание "Фундаментальные проблемы ионика твердого тела", с. 233-234, 2014, Черногловка
 - Энергия сольватации иона: нелокально электростатические вычисления с учётом эффектов вырезания объема иона и распределения заряда внутри иона

М. А. Воротынцев, Д. В. Конеv, А. А. Рубашкин

10-ая международная конференция "Физико-химические проблемы возобновляемой энергетики", с. 156-159, 2014, Черногoловка

- Электрохимический кварцевый микробаланс как метод исследования процесса окислительной полимеризации порфина магния

О. Истакова, Д. Конеv, М. Воротынцев

10-ая международная конференция "Физико-химические проблемы возобновляемой энергетики", с. 161-162, 2014, Черногoловка

- Novel one-stage electrochemical method for synthesis of electroactive composite materials. Its application for Prussian Blue/polypyrrole film coated electrodes for electrocatalytic applications

М. А. Vorotyntsev, E. V. Zolotukhina, I. Bezverkhyy

18th International Symposium on the Reactivity of Solids (ISRS-18), P. 93-94, 2014, Saint-Petersburg, Russia

- Ion solvation energy: nonlocal electrostatics calculation. Effects of cut-out ion volume and of charge distribution inside ion.

М. А. Vorotyntsev, D.V. Konev, A. A. Rubashkin

18th International Symposium on the Reactivity of Solids (ISRS-18), P. 269-270, 2014, Saint-Petersburg, Russia

- One-step and one-pot method for synthesis of hybrid composite metal-polypyrrole-carbon (Me/PPy/C) nanomaterials and their application in catalysis

E. Zolotukhina, M. Vorotyntsev, I. Bezverkhyy, V. Zinovyeva, A. Belmesov

International conference "Ion transport in organic and inorganic membranes", P. 310-312, 2013. Tuapse. Russia

Poster, Electrosynthesis of porphyrins and conducting polymers by oxidation of magnesium(II) porphine. C. H. Devillers, A. K. D. Dimé, H. Cattey, D. Lucas, M. A. Vorotyntsev, D. V. Konev, I. Bezverkhyy, O. Heintz *Journées d'électrochimie 2013, Paris, France, July 8th - July 11th 2013.*

Chronoamperometric In situ Measurement of the Specific Conductivity of a Thin Film on the Disc Electrode Surface

М. А. Vorotyntsev, D.V. Konev

63rd Annual Meeting of the International Society of Electrochemistry (ISE), ise123060, 2012, Prague, Czech Republic

- Prussian Blue-Polypyrrole (PB/PPy) Composite Films: Prospective Material for Hydrogen Peroxide (Bio)Sensors

М. А. Vorotyntsev, E.V. Zolotukhina, I. Bezverkhyy, Y. Lacroute, A.A. Karyakin

10th International Symposium on Systems with Fast Ionic Transport (ISSFIT), с. 315, 2012, Черногoловка, Россия

- Magnesium(II) Polyporphine as the First Electron-Conducting Polymer with Directly Linked Unsubstituted Porphyrin Units

D. V. Konev, M. A. Vorotyntsev, C. H. Devillers, I. Bezverkhyy, O. Heintz

11-е Сoвещание "Фундаментальные проблемы иoники твердoго тела", с. 286, 2012, Черногoловка, Россия

- One-step chemical synthesis of Pd-polypyrrole nanocomposites and their applications in organic catalysis

М. А. Vorotyntsev, V. A. Zinovyeva, J.-C. Hierso, I. Bezverkhyy, O. Heintz, T. V. Magdesieva, O. M. Nikitin, O. A. Levitsky

The 7th International ECNP Conference on nanostructured polymers and nanocomposites, O47, 2012, Prague, Czech Republic

6 *Invited seminar, Nouvelles voies de synthèse de porphyrines et de matériaux polymériques conducteurs par activation électrochimique de la porphine de magnésium (II),* C. H. Devillers, A. K. D. Dimé, D. Lucas, M. A. Vorotyntsev and D. V. Konev, H. Cattey, I. Bezverkhii, O. Heintz, *10^{ème} journée d'hiver Université-Industrie de la Société Chimique de France, Bourgogne Franche Comté, Dijon, France, March 16th 2012.*

7 *Invited seminar, New routes towards porphyrin synthesis and conducting polymer materials by electrochemical oxidation of magnesium(II) porphine,* C. H. Devillers, A. K. D. Dimé, D. Lucas, M. A. Vorotyntsev, D. V. Konev, H. Cattey, I. Bezverkhyy, O. Heintz, *Kinki-Divio symposium (Chemical Society of Kansai, Japan), Dijon, France, July 24th 2012.*

8 *Poster, Polyporphines: a new electroactive polymer family based on the totally unsubstituted porphyrin.* C. H. Devillers, M. A. Vorotyntsev, D. V. Konev, I. Bezverkhyy, O. Heintz, *3rd Vltava Chemistry Meeting, Dijon, France, September 11-12th, 2012.*

- One-step chemical synthesis and characterization of Prussian Blue-polypyrrole (PB/PPy) composites

E. V. Zolotukhina, M. A. Vorotyntsev, A. V. Borisova, A. A. Karyakin

International symposium "Conducting Polymers", SL05, p. 49, 2011, Prague, Czech Republic

- Novel method of synthesis of CuI/PPy composite materials and their application for catalytic hydrodehalogenation of CCl₄

E. V. Zolotukhina, M. A. Vorotyntsev, I. Bezverkhyy, I. G. Tarkhanova

International symposium "Conducting Polymers", PC17, p. 106, 2011, Prague, Czech Republic

- Transport diffusionnel dans des liquides ioniques très visqueux : Théorie de Stokes-Einstein ou modèle de "sphère glissante" ? Ferrocène dans des liquides d'imidazolium

M.A. Vorotyntsev, V.A. Zinovyeva, D.V. Konev, M. Picquet, L. Gaillon, C. Rizzi

Journées d'Electrochimie (JE-2011), T7.O.09, 2011, Grenoble, France

- Polyporphines : nouvelle famille de polymères électroactifs à base de la porphyrine non-substituée possédant des propriétés électroniques et optiques non-usuelles

M. A. Vorotyntsev, D. V. Konev, C. H. Devillers, I. Bezverkhyy, O. Heintz
Journées d'Electrochimie (JE-2011), T5.P.12, 2011, Grenoble, France

•Nouvelle stratégie vers composites polymère électroactif - nanostructure inorganique : nanoparticules d'Ag - polypyrrole fonctionnalisée par dichlorure du titanocène

M.A. Vorotyntsev, M. Skompska, A. Rajchowska, J. Borysiuk, M. Donten
Journées d'Electrochimie (JE-2011), T4.P.05, 2011, Grenoble, France

Oral Communication, [Redox reactivity of magnesium porphine, the totally unsubstituted porphyrin](#), C. H. Devillers, A. K. D. Dimé, D. V. Konev, H. Cattey, Y. Rousselin, D. Lucas, M. A. Vorotyntsev, I. Bezverkhyy, O. Heintz, *2nd French-Czech Vltava Chemistry Meeting, Pardubice, Czech Republic, August 30th-31st 2011*.

3 *Oral communication*, [Redox reactivity of magnesium\(II\) porphine](#), D. Lucas, C. H. Devillers, A. K. D. Dimé, M. A. Vorotyntsev, D. V. Konev, Y. Rousselin, H. Cattey, I. Bezverkhyy, O. Heintz, *61st Annual Meeting of the International Society of Electrochemistry, Nice, France, September 26th - October 1st 2010*.

•Diffusional Transport in Ionic Liquids: Stokes-Einstein or "Sliding Sphere" Model? Ferrocene in Imidazolium Liquids

M.A. Vorotyntsev, V.A. Zinovyeva, D.V. Konev, M. Picquet, L. Gaillon, C. Rizzi
61st Annual Meeting of the International Society of Electrochemistry, 2010, Nice, France

•One-Step Chemical Synthesis of Pd/Polypyrrole Nanocomposites in Water and Their Applications in Catalysis

V. A. Zinovyeva, M. A. Vorotyntsev, J.-C. Hierso, I. Bezverkhyy, R. Chassagnon, O. Heintz, D. Chaumont, D. V. Konev
61st Annual Meeting of the International Society of Electrochemistry, 2010, Nice, France

•Redox Reactivity of Magnesium(II) Porphine

D. Lucas, C. Devillers, A. Dime, M. A. Vorotyntsev, D. V. Konev, Y. Rousselin, H. Cattey, I. Bezverkhyy, O. Heintz
61st Annual Meeting of the International Society of Electrochemistry, 2010, Nice, France

•Réactivité Rédox de la Porphine de Magnésium

C. H. Devillers, A. Dime, D. Lucas, M. A. Vorotyntsev, D. V. Konev, Y. Rousselin, H. Cattey, I. Bezverkhyy, O. Heintz
GECOM-CONCOORD 2010, Lyon, 30 mai-4 juin 2010

•Chemical Preparation of Nanocomposite Materials with Polypyrrole Matrix

V. A. Zinovyeva, M. A. Vorotyntsev, I. Bezverkhyy, J.-C. Hierso, O. Heintz, R. Chassagnon, E. Lesniewska, D.V. Konev, M. Picquet
Réunion du GdR "Nano-or", 2009, Dijon, France

•Chemical Preparation of Nanocomposite Materials with Polypyrrole Matrix

V. A. Zinovyeva, M. A. Vorotyntsev, I. Bezverkhyy, J.-C. Hierso, O. Heintz, R. Chassagnon, E. Lesniewska, D.V. Konev, M. Picquet
WEEM-2009 ("International Workshop on Electrochemistry of Electroactive Materials"), 2009, Szczyrk, Poland

•Ellipsometric study of electropolymerization process. Polypyrrole films with pendant titanocene dichloride complexes

J. Correia, M. Graczyk, L. M. Abrantes, M. A. Vorotyntsev
Materiaux et Nanostructures pi-Conjugués (MNPC07), 2007, Grau du Roi, France

•Electrosynthèse et Propriétés des Films de Poly(3,4-éthylènedioxythiophène) Fonctionnalisés par des Complexes de Dichlorure de Titanocène

M. Skompska, M. A. Vorotyntsev, M. Refczynska, J. Goux, E. Lesniewska, G. Boni, C. Moise
Journées d'Electrochimie 2007 (JE07), 2007, Lyon, France

•Spectroelectrochemistry of reduction of titanocene dichloride complex in solution and inside a conducting-polymer film

M. Graczyk, J. Heinze, M. A. Vorotyntsev
57th Annual Meeting of International Society of Electrochemistry, 2006, Edinburgh, UK

•Some applications of SPM in the studies of conducting polymers

M. Skompska, M. A. Vorotyntsev, J. Heinze, M. Szklarczyk, A. Kowal
International Symposium on a Surface Imaging/Spectroscopy at the Solid/Liquid Interface, 2006, Krakow, Poland

POSTERS:

Nouvelle stratégie vers composites polymère électroactif - nanostructure inorganique : nanoparticules d'Ag - polypyrrole fonctionnalisée par dichlorure du titanocène

M.A. Vorotyntsev, M. Skompska, A. Rajchowska, J. Borysiuk, M. Donten
Journées d'Electrochimie (JE-2011), 2011, Grenoble, France

Electrochemistry of porphine-based electroactive polymers

M.A. Vorotyntsev, D. V. Konev, C. H. Devillers, I. Bezverkhyy, O. Heintz
Journées d'Electrochimie (JE-2011), 2011, Grenoble, France

One-step chemical synthesis and characterization of Prussian Blue-Polypyrrole (PB/PPy) composites

E. V. Zolotukhina, M.A. Vorotyntsev, A. V. Borisova, A. A. Karyakin
International symposium "Conducting Polymers", 2011, Prague, Czech Republic

Novel method of synthesis of CuI/PPy composite materials and their application for catalytic hydrodehalogenation of CCl₄

E. V. Zolotukhina, M.A. Vorotyntsev, I. Bezverkhyy, I. G. Tarkhanova

International symposium "Conducting Polymers", 2011, Prague, Czech Republik

• Is the Current of the Ferrocene (Fc) Oxidation in Ionic Liquids Proportional to its Concentration? Electrochemical and Spectral Properties of Fc in 1-butyl-3-methylimidazolium triflimide
59th Annual Meeting of the International Society of Electrochemistry, 2008, Sevilla, Spain

• Dichlorure de Titanocène Réduit Electrochimiquement comme Catalyseur de la Dehalogénéation Réductrice des Halogénures Aromatiques

T. V. Magdesieva, M. Graczyk, A. Vallat, O. M. Nikitin, P. I. Demyanov, K. P. Butin, M. A. Vorotyntsev

Journées d'Electrochimie 2007 (JE07), 2007, Lyon, France

• The Effect of Substitute and Deposition Mode on the Deposition Kinetics and Morphology of Substituted Polypyrrole Films

M. Graczyk, S. Yu. Vassiliev, M. Skompska, M. A. Vorotyntsev, G. A. Tsirlina

WEEM-2006 ("International Workshop on Electrochemistry of Electroactive Materials"), 2006, Saint-Petersburg, Russia

• Charge carrier injection into electroactive films with short-range interactions

O. V. Levin, V. V. Malev, M. A. Vorotyntsev

WEEM-2006 ("International Workshop on Electrochemistry of Electroactive Materials"), 2006, Saint-Petersburg, Russia

• Is the Current of the Ferrocene (Fc) Oxidation in Ionic Liquids Proportional to its Concentration? Electrochemical and Spectral Properties of Fc in 1-butyl-3-methylimidazolium triflimide

59th Annual Meeting of the International Society of Electrochemistry, 2008, Sevilla, Spain

• Ellipsometric study of electropolymerization process. Polypyrrole films with pendant titanocene dichloride complexes

Materiaux et Nanostructures pi-Conjugués (MNPC07), 2007, Grau du Roi, France

• Electrosynthèse et Propriétés des Films de Poly(3,4-éthylènedioxythiophène) Fonctionnalisés par des Complexes de Dichlorure de Titanocène

Journées d'Electrochimie 2007 (JE07), 2007, Lyon, France

• Spectroelectrochemistry of reduction of titanocene dichloride complex in solution and inside a conducting-polymer film

57th Annual Meeting of International Society of Electrochemistry, 2006, Edinburgh, UK

• The Effect of Substitute and Deposition Mode on the Deposition Kinetics and Morphology of Substituted Polypyrrole Films

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• Charge carrier injection into electroactive films with short-range interactions

WEEM-2006 ("International Workshop on Electrochemistry of Electroactive Materials"), 2006, Saint-Petersburg, Russia

• Some applications of SPM in the studies of conducting polymers

International Symposium on a Surface Imaging/Spectroscopy at the Solid/Liquid Interface, 2006, Krakow, Poland

• Mechanism of Redox Transformation of Titanocene Dichloride Complex Immobilized in Polypyrrole Matrix

207th ECS Meeting, 2005, Quebec, Canada

• STM Study of Polypyrrole Films and Their Derivative Functionalized with Immobilized Titanocene Centers. Influence of Solvent and Deposition Regime

207th ECS Meeting, 2005, Quebec, Canada

• Titanocene Dichloride Reduction at Electrode Coated with Titanocene-Polypyrrole Film

Journées d'Electrochimie (JE05), 2005, St Malo, France

• Changes of the UV-visible spectrum of titanocene dichloride (Cp₂TiCl₂) during reduction - reoxidation process in AN and THF solutions

4th Baltic Conference on Electrochemistry, 2005, Greifswald, Germany

• STM study of electropolymerized p(Tc3Py) films - the influence of the solvent and polymerization regime

SAJEC, 2004, Dijon, France

• Titanocene Dichloride Reduction at Electrode Coated with Titanocene-Polypyrrole Film

55th Annual Meeting of International Society of Electrochemistry, 2004, Thessaloniki, Greece

• Mechanism of Redox Transformation of Titanocene Dichloride Complex Immobilized in Polypyrrole Matrix: EQCM and XPS Studies

55th Annual Meeting of International Society of Electrochemistry, 2004, Thessaloniki, Greece

• STM Study of Polypyrrole Films and Their Derivative Functionalized with Immobilized Titanocene Centers. Influence of Solvent and Deposition Regime

55th Annual Meeting of International Society of Electrochemistry, 2004, Thessaloniki, Greece

• Electrochemically Reduced Titanocene Dichloride as a Catalyst of Reductive Reactions of Organic Substrates

55th Annual Meeting of International Society of Electrochemistry, 2004, Thessaloniki, Greece

- Titanocene dichloride as a homogeneous or immobilized catalyst of reductive dehalogenation of p-NO₂C₆H₄CH₂Cl WEEM-2003 ("International Workshop on Electrochemistry of Electroactive Materials"), 2003, Bad Herrenalb, Germany
- Titanocene Dichloride Reduction at Electrode Coated with Titanocene-Polypyrrole Film WEEM-2003 ("International Workshop on Electrochemistry of Electroactive Materials"), 2003, Bad Herrenalb, Germany
- Mécanisme de Transformations Rédox des Centres de Titanocène Immobilisés à l'intérieur des Films de Polymères Conducteurs Journées d'Electrochimie, 2003, Poitiers, France
- EQCM Studies of Electrodeposition of Titanocene-Pyrrole Derivative and Redox Reaction of the Polymer Film 53rd Annual Meeting of the International Society of Electrochemistry, 2002, Düsseldorf, Germany
- Voltammétrie en Couche Mince : Mécanisme EC, Etape Chimique Rapide Journées d'Electrochimie, 2001, Marrakech, Morocco
- Synthèse de Films de Polymères Conducteurs Contenant le Titanocène Journées d'Electrochimie, 2001, Marrakech, Morocco
- Spectroscopie d'Impédance Différentielle des Couches Crossantes, et Leur Application aux Couches Superficielles sur l'Electrode du Li 13^{ème} Forum sur les Impédances Electrochimiques, 2000, Paris, France
- Impedance Spectroscopy of Thin Films with a Single Mobile Charge Carrier. Application to Passive Films at Lithium Surface 51st Annual Meeting of the International Society of Electrochemistry, 2000, Warsaw, Poland
- Transport Mixte Electronique et Ionique à Travers des Couches Minces et Charge Interfaciale Journées d'Electrochimie, 1999, Toulouse, France
- Electronically Conducting Polymers: Electron Transfer during Charging and Discharging 3rd International Symposium of the Volkswagen-Stiftung on Intra- and Intermolecular Electron Transfer, 1999, Konstanz, Germany
- Electron transfer induced processes in conjugated oligomers and polymers. 1st International Symposium of the Volkswagen-Stiftung on Intra- and Intermolecular Electron Transfer, 1996, Berlin, Germany
- Interpretation of "mirage" data at excess of a background electrolyte. Electrochemical Flow Measurements - Fundamentals and Applications, 1996, Lahnstein, Germany
- Impedance phenomena in electroactive polymer films. 3rd International Symposium on Electrochemical Impedance Spectroscopy, 1995, Nieuwpoort, Belgium
- Modélisation et interprétation des échanges ioniques entre une couche de polymère électroactif et un électrolyte. Conférence Biannuelle du DRFMC - Centre d'Etudes Nucléaires de Grenoble (France), 1995, Autrans, France
- Potential distribution and kinetic phenomena in electron-conducting polymer films. 44th Meeting of the International Society of Electrochemistry, 1993, Berlin, Germany
- Theory of electrochemical phenomena in electron-conducting polymer films. Journées d'Electrochimie 93, 1993, Grenoble, France
- Fluctuative properties of turbulent mass transfer at a large-scale electrode. 3rd International Workshop on Electrodiffusion Diagnostics of Flows, 1993, Dourdan, France
- Theory of equilibrium and kinetic phenomena in electron-conducting polymers. International Conference on Science and Technology of Synthetic Metals, 1992, Goteborg, Sweden
- Electric double-layer structure at the dielectric / solution interface. 9th International Conference on Surface Forces, 1990, Moscow, USSR
- Electric double-layer structure at moderate electrolyte concentrations. Interdisciplinary Conference on Electrified Interfaces (International), 1990, Asilomar, USA
- Combined effects of Stern layer and the nonlocal solvent screening in the double-layer structure. 2nd Symposium on Kinetics of Charge Transfer Processes in Homogeneous and Interfacial Systems (USSR), 1989, Batumi, USSR
- Polyelectrolyte adsorption and electric field distribution at a bilayer lipid membrane surface. 4th International Frumkin Symposium on Electrochemistry, 1988, Suzdal, USSR
- A dielectric / electrolyte solution interfacial structure and dissociation of membrane surface groups. 4th International Frumkin Symposium on Electrochemistry, 1988, Suzdal, USSR
- Electric double layer structure at the dielectric / solution interface.

- 8th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1988, Tartu, USSR
- Adsorption of dipole molecules at the surface of a metal electrode.
8th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1988, Tartu, USSR
 - Thermodynamic and correlation properties of a two-dimensional ensemble of charged species at electrochemical interfaces.
1st Symposium on Kinetics of Charge Transfer Processes in Homogeneous and Interfacial Systems (USSR), 1986, Tbilisi, USSR
 - Specific ionic adsorption from electrolyte solutions.
37th Meeting of International Society of Electrochemistry, 1986, Vilnius, USSR
 - Theory of specific ionic adsorption at the electrode surface.
The Electrical Double-Layer Meeting, Royal Society of Chemistry, 1984, Southampton, England
 - Statistical mechanics of an ensemble of ions adsorbed at the metal / electrolyte solution interface and ionic adsorption isotherm.
International Conference on Electrodynamics and Quantum Phenomena at Interfaces, 1984, Telavi, USSR
 - Ultraviolet and visible light absorption of impurity solute molecules in condensed media.
International School on Physics of Electrified Interfaces, 1983, L'vov, USSR
 - Influence of dielectric properties of the medium in contact on interaction between charges at interfaces.
Symposium on Physics of Solid Surfaces (USSR), 1983, Kiev, USSR
 - Ionic interactions at the metal / electrolyte solution interface.
International Workshop on Simulation of Electrified Interfaces, 1983, Bellevue, France
 - Nonlocal effects in ionic field screening in the metal and solvent. Capacitance characteristics of electrochemical contacts and ionic adsorption isotherm.
6th Meeting on Electrochemistry (USSR), 1982, Moscow, USSR
 - A method for determination of the roughness factor and the fractions of individual crystal faces at a polycrystalline metal surface with a considerable difference between electrochemical properties of the faces.
6th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1981, Tallin, USSR
 - Nonlocal effects in electric field screening in the metal and solution and the electrode / electrolyte solution interfacial capacity.
6th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1981, Tallin, USSR
 - Influence of the size of crystal faces and the difference of their potentials of zero charge on capacitance characteristics of polycrystalline electrodes in a surface-inactive electrolyte solution.
6th Conference on Electric Double Layer and Adsorption at Solid Electrodes (USSR), 1981, Tallin, USSR
 - Heat and mass transfer within the turbulent boundary layer in liquids at large Prandtl numbers.
6th Conference on Heat and Mass Transfer (USSR), 1980, Minsk, USSR
 - Light absorption and the problem of rapid irreversible degradation of the electronic energy in a condensed medium.
Conference on Fast Processes of Light Energy Transformation in Photosynthetic Systems (International), 1978, Moscow, USSR
 - Theory of elementary act of charge transfer at the semiconductor / electrolyte solution interface.
6th Conference on Physics of Surface Phenomena in Semiconductors (USSR), 1977, Kiev, USSR
 - Image forces for an ion at the metal / electrolyte solution interface.
Symposium on the Elementary Act of Electrode Processes (International), 1977, Moscow, USSR
 - Modern state of quantum theory of electrode process kinetics.
Conference on Ionic Liquids and Solid Conductors (USSR), 1976, Kiev, USSR
 - Light absorption by ions in solutions.
5th Meeting on Electrochemistry (USSR), 1975, Moscow, USSR
 - Probabilities of adiabatic chemical and electrochemical reactions.
Meeting on Kinetics of Elementary Act of Chemical Reactions and Double-Layer Structure (International), 1971, Moscow, USSR
 - Phenomenological theory of electrochemical processes.
4th Meeting on Electrochemistry (USSR), 1969, Tbilisi, USSR

Présentations Invitées aux Séminaires

Electrochemical Synthesis and Characterization of Porphyrin-Based Electron-Conducting Materials

M. A. Vorotyntsev

Séminaire à l'Université de Chemnitz, Allemagne, 10 décembre 2009

Electrochemical Synthesis and Characterization of Porphyrin-Based Electron-Conducting Materials

M. A. Vorotyntsev

Séminaire à l'Institut de Chimie Physique et Electrochimie, Moscou, Russie, 26 novembre 2009

-
- Moscow State University, Chemistry Department, Russie, 2007
- Warsaw University, Chemistry Department, Pologne, 2007
- University of Cartagena, Espagne, 2006
- University of Alicante, Espagne, 2006
- Laboratoire d'Electrochimie et de Chimie Analytique, Ecole Nationale Supérieure de Chimie de Paris, France, 2006
- University of Szeged, Hongrie, 2006
- Warsaw University, Chemistry Department, Pologne, 2006
- Lisbon University, Portugal, 2005
- University of Western Ontario, London, Canada, 2005
- University of Guelph, Ontario, Canada, 2005
- Université de Sherbrooke, Québec, Canada, 2005
- Gdansk University of Technology, Department of Chemical Technology, Pologne, 2005
- Warsaw University, Chemistry Department, Pologne, 2004
- LRRS 2004
- LPUB 2003
- Laboratoire d'Analyse Chimique par Reconnaissance Moléculaire, Ecole Nationale Supérieure de Chimie et de Physique Bordeaux, University of Bordeaux, France, 2003
- Technical University of Gdansk, Pologne, 2003
- Warsaw University, Chemistry Department, Pologne, 2003
- ITODYS, Paris, France, 2003
- Bar-Ilan University, Department of Chemistry, Ramat-Gan, Israël, 2002
- Moscow State University, Chemistry Department, Russie, 2002
- University of Lisbon, Chemistry Department, Portugal, 2002
- Laboratoire Photophysique et Photochimie Supramoléculaires et Macromoléculaires (PPSM), Cachan, France, 2002
- Tel Aviv University, School of Chemistry, Israël, 2001
- The Hebrew University of Jerusalem, Division of Environmental Sciences, Israël, 2001
- Bar-Ilan University, Department of Chemistry, Ramat-Gan, Israël, 2001
- Heinrich-Heine-Universität, Inst. Physikalische Chemie und Elektrochemie, Düsseldorf, Allemagne, 2001
- Forschungszentrum Jülich, Allemagne, 2001
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