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<i>Rokas Sažinas, Peter Holtappels, Kent Kammer Hansen</i>	
Polycarbonate Assisted Bi-Walled Multiscale Cathode for High-Performance Solid Oxide Fuel Cells (SOFCs) at 500°C	1844
<i>Sung Soo Shin, Jinhyeon Kim, Jiwoo Choi, Chanyung Lee, Hyoungchul Kim, Ji-Won Son, Hyunho Shin, Mansoo Choi</i>	
Heater-Assisted Intense Pulsed Light Irradiation for Lanthanum Strontium Cobaltite Thin Film Electrode Fabrication	1845
<i>Jun-Sik Park, Hojae Lee, Young-Beom Kim</i>	
Fast Fabrication of SOFCs with Screen-Printed YSZ Electrolyte Films By Flash Light Sintering	1846
<i>Yonghyun Lim, Hojae Lee, Jung-Hum Park, Jun-Sik Park, Young-Beom Kim</i>	
Synergy Effect of Mixed Precursor Infiltrated Cathode on Solid Oxide Fuel Cell Performance	1848
<i>Jinhyeon Kim, Sung Soo Shin, Jiwoo Choi, Chanyung Lee, Hyunho Shin, Mansoo Choi</i>	
Conversion Materials and Performance in Laser Based Light Sources	1849
<i>Madis Raukas, Alan Lenef, John Kelso, Moritz Engl</i>	
Functional Perfluorooctanoic Acid for Enhancing Stability of Perovskite QDs	1849
<i>Ji-Eun Lee, Seung-Jae Lee, Yun-Hyuk Ko, Jea-Gun Park</i>	
Tuning the Luminescent Properties of Ytterbium Doped AlN_xO_y Thin Film Materials Libraries Using a Combinatorial Approach	1851
<i>Rolf Grieseler, Karem Tucto Salinas, Wilson Aponte Huamantlco, Jorge Andres Guerra Torres</i>	
Effect of Adding Electrolyte on Current Efficiency for Light-Emitting Electrochemical Cell Using Ruthenium Complex	1853
<i>Atsushi Aoki, Akebono Tanaka</i>	
Luminescence of Mn⁴⁺ in Solids for LED Application	1853
<i>Alok M Srivastava</i>	
First-Principles Modelling of the Local Atomic and Electronic Structures of Luminescent Centers in Complicated Materials	1854
<i>Chong-Geng Ma</i>	
First-Principles Calculations of 4f-5d Transition Energy of Ce³⁺ in Y(Al_{1-x}Ga_x)₅O₁₂	1855
<i>Kazuyoshi Ogasawara</i>	
Self-Referencing Luminescence Thermometry with Probes Emitting Red and NIR	1856
<i>Miroslav Dramicanin</i>	
Pr³⁺ Luminescence to Improve the Range, Accuracy and Sensitivity of Temperature Measurement	1857
<i>Carlos Delgado Sousa Brites, Karolina Fiaczyk, Joao Filipe Candeias Baptista Ramalho, Malgorzata Sójka, Luís D Carlos, Eugeniusz Zych</i>	
High-Stable Narrow Red Emitting Homogeneous K₂SiF₆:Mn⁴⁺@K₂SiF₆ Composite Phosphor for White LEDs: Green Synthesis and Water-Resistant Mechanism	1858
<i>Jing Wang, Lin Huang</i>	
Luminescence Thermometry with Dy³⁺ Activated Na_{0.25}K_{0.25}Bi_{0.5}TiO₃	1859
<i>Mina Medic, Ljubica Dacanin Far, Sanja Kuzman, Dragoslav M. Petrovic, Miroslav Dramicanin, Svetlana R. Lukic Petrovic</i>	

Comparative Study between Pulsed-Voltage and Pulsed-Current Driving for Enhanced Stability of Electrochemiluminescent Device	1860
<i>Ik-Soo Shin, Moon Sung Kang</i>	
Electron Injection on Metal/n-Doped Semiconducting Polymer	1860
<i>Shin Sakiyama, Naoki Mizutani</i>	
Structure Solution and Luminescence Properties of a Phosphosilicate Compound	1861
<i>Ha Jun Kim, Sanjith Unithrattil, Won Bin Im</i>	
A Structural and Spectroscopic Investigation of Rhombohedral Pyrochlores $M_2La_3Sb_3O_{14}$ (M = Mg or Ca) Doped with Eu^{3+}	1862
<i>Fabio Piccinelli, Irene Carrasco, Chong-Geng Ma, Alok M Srivastava, Marco Bettinelli</i>	
Luminescent Thermometry Using Mn^{4+} Doped Li_2TiO_3 Probe	1862
<i>Sanja Kuzman, Zoran Ristic, Bojana Milicevic, Mina Medic, Vesna Djordjevic, Svetlana R. Lukic Petrovic, Miroslav Dramicanin</i>	
Synthesis, Luminescence and Crystal Field Calculations of Mn^{4+}-Doped Li_2TiO_3 Deep Red Phosphor	1863
<i>Bojana Milicevic, Mina Medic, Vesna Djordjevic, Jelena Papan, Sanja Kuzman, Mingmei Wu, Alok M Srivastava, Mikhail G. Brik, Miroslav Dramicanin</i>	
Discovery of New Solid State Materials for Phosphors and Their Photoluminescence Tuning	1864
<i>Zhiguo Xia</i>	
Self-Activated Low-Dimensional Metal Halide Phosphors and Scintillators	1865
<i>Mao-Hua Du</i>	
Surface Ligands As Atomic Valves for Growth of Nanocrystal Quantum Dots	1866
<i>Doh C Lee</i>	
Fabrication and Phase Transition of $La_{2-x}Lu_xZr_2O_7$ Transparent Ceramics	1867
<i>Shiwei Wang, Zhengjuan Wang, Guohong Zhou</i>	
Novel Red-emitting Phosphors: Synthesis, Photoluminescence and Theoretical Calculations	1868
<i>Wei-Ren Liu</i>	
(Luminescence and Display Materials Division Centennial Outstanding Achievement Award) Vacuum Referred Electron Binding Energies in Impurity and Host Band States as Revealed from Empirical Studies; a Personal Account	1869
<i>Pieter Dorenbos</i>	
(Invited) Recent Findings on the Continuous White Light Emission Induced By Infrared Laser Irradiation	1870
<i>Federico González, Rabindra Khadka, Rigoberto Lopez, John Collins, Baldassare Di Bartolo</i>	
(Invited) Status Review of SSI-LEDs	1871
<i>Yue Kuo</i>	
(Invited) Strategies to Improve Photostabilities of Visible-Emitting Nanophosphors	1873
<i>Tetsuhiko Isobe, Yoshiki Iso</i>	
(Invited) Water-Soluble Near-Infrared Fluorophores Emitting over 1000 Nm and Their Application to In Vivo Imaging in the Second Optical Window	1873
<i>Takashi Jin, Setsuko Tsuboi, Sayumi Yamada</i>	
(Invited) d^3 Electron Configuration: Basic Properties and Main Misconceptions	1874
<i>Mikhail Brik, Alok M Srivastava</i>	
(Invited) A Quantum Electrodynamics Formulation of Energy Transfer Via Electric Dipole-Magnetic Dipole and Magnetic Dipole-Magnetic Dipole Interaction of Two Optically Active Ions	1874
<i>John Collins, Kailash C Mishra</i>	
(Invited) Theory of Radiative Lifetime of an Activator Ion Due to Surface Plasmons	1876
<i>Kailash C. Mishra, Alan Piquette, John Collins</i>	
(Invited) Red Fluoride Phosphors: A Story of Reliability	1876
<i>Reinert Verstraete, Heleen F. Sijbom, Jonas J Joos, Katleen Korthout, Christophe Detavernier, Philippe F Smet, Dirk Poelman</i>	
(Invited) Integration of Thin Film Wavelength Converter on III-V Blue LED	1878
<i>Darshan Kundaliya, Norwin Von Malm, Kailash C. Mishra</i>	
(Invited) Full Spectrum White LEDs of Any Color Temperature with Color Rendering Index Higher Than 90 Using a Single Broad-Band Phosphor	1879
<i>Partha S. Dutta, Kathryn M Liotta</i>	
(Invited) Microscopic Study of Dopant Distribution in Phosphors: Impact on Thermal Quenching and Phosphor Performance	1879
<i>Lisa I D J Martin, Dirk Poelman, Philippe F Smet, Jonas J Joos</i>	
(Invited) Impact of ECS Journal Focus Issues and Article Types on LDM Visibility and Recognition	1880
<i>Dennis W. Hess</i>	
(Invited) Eu^{2+}-Doped $K_2Na_{1-x}LuS_2$ Ternary Sulfides: Application and Perspectives in White LEDs	1881
<i>Vitezslav Jary, Lubomir Havlak, Jan Barta, Ales Bystricky, Martin Rejman, Martin Nikl, Lisa I D J Martin, Jonas J Joos, Philippe F Smet</i>	
(Invited) Transmittance Limits and Their Effects on Light Extraction from Luminescent Materials	1881
<i>Alan Piquette, Kailash C. Mishra, Alan Lenef</i>	
(Invited) Data-Mining, a New $Sr_2LiAlO_4:Eu^{2+}/Ce^{3+}$ Phosphor for Solid-State Lighting Applications	1882
<i>Won Bin Im, Yoon Hwa Kim, Ha Jun Kim, Zhenbin Wang, Jungmin Ha, Joanna McKittrick, Shyue Ping Ong</i>	
(Invited) Synthesis of Persistent Luminescent Nanophosphors for Point-of-Care Diagnostics	1883
<i>Erin Finley, Jakoah Brgoch</i>	
(Invited) Concentration Quenching in LED Phosphors	1883
<i>Anant A Setlur</i>	
(Keynote) Electrocatalysis for Electrosynthesis	1884
<i>Shelley D. Minter</i>	

Click Reaction Assisted By Cu Electro-Oxidation	1884
<i>Luceldi Carre-Rangel, Mercedes Teresita Oropeza-Guzman, Ignacio Alfredo Rivero</i>	
Reduction of α,ω-Dihalohehexanes with Electrogenenerated Nickel(I) Salen	1885
<i>Kelly Rudman, Mohammad S. Mubarak, Dennis G Peters</i>	
Change of the Reaction Pathway during the Phenols Anodic Cross-Coupling Oxidation Induced By Tertiary Amines. Anodic C-O Phenols Homo-Coupling a Direct Route to Diaryl Ethers	1886
<i>Bernardo A. Frontana-Uribe, Siegfried R. Waldvogel</i>	
Evidence of the Formation of Isoporphyrin in the Electrooxidation Processes of Meso-Tetraphenylporphyrin	1887
<i>Jose Gabriel Ruiz-Montoya, Norma Angélica Macías-Ruvalcaba</i>	
Controlling Selectivity in the Electrochemical Reduction of Acrylonitrile: Towards a Solar-Driven Nylon 6,6 Production Process	1888
<i>Daniela Eugenia Blanco, Aaliyah Zainub Dookhith, Miguel Antonio Modestino</i>	
(Invited) Surface Hydrogen Bonding Effects. The Use of Redox Probes to Induce the Reversible Reorganisation of Electrografted Films	1890
<i>Felipe J. González, Daniel Morales-Martínez</i>	
Ureolytic Biofilm Formation from a Microbial Consortium on Graphite	1891
<i>María C Romero, Guadalupe Ramos-Sánchez, Florina Ramírez, Ignacio González</i>	
Peroxynitrite Detection and Quantification on Selenide-Based Grafted Interfaces	1892
<i>Haitham Kalil, Farid Fouad, Mekki Bayachou</i>	
Mechanistic Aspects on the Grafting By the Self-Decomposition of Aryldiazonium Salts: Effect of the Counterion	1893
<i>Daniel Morales-Martínez, Vanessa Ramírez, Felipe J. González</i>	
Monitoring Acidithiobacillus Thiooxidans Biofilm Formation on Graphite Surface	1893
<i>Marcela Méndez-Tovar, J Viridiana García-Meza, I González</i>	
(Invited) The Impact of Polyelectrolyte Dynamics on the Electrochemical Reactivity of Soluble Redox-Active Polymers	1895
<i>Joaquin Rodriguez-Lopez</i>	
The Role of the Supporting Electrolyte on the Covalent Modification of Carbon Surfaces with Organic Groups	1896
<i>Daniel E Ramirez-Chan, Felipe J. González</i>	
Electrochemical Versatility of Soluble Redox Active Polymers	1896
<i>Elena C. Montoto, Joaquin Rodriguez-Lopez</i>	
Use of a Redox-Responsive 4 H-Bond Ureidopyrimidone (UPy) Array to Control Polymerization in a Upy-Based Supramolecular Polymer	1897
<i>Katrina Vuong, Laurie A. Clare, Diane K. Smith</i>	
Single-Particle Evaluation of Nano and Micro-Sized Redox-Active Polymers for Energy Storage	1898
<i>Zachary T Gossage, Noah B Schorr, Kenneth Hernández-Burgos, Joaquin Rodriguez-Lopez</i>	
Selective Dimerization Control in a Redox-Responsive Ureidopyrimidinone Supramolecular Assembly	1899
<i>Mario Cedano, Diane K. Smith</i>	
(Invited) Hydrogen Bonding Effects at the Organic-Water Interface of Aqueous Toluene Droplets Investigated By Particle Collision Electrochemistry	1900
<i>Julio C Alvarez, Dilip K Paul, Kejie Meng</i>	
Comparison of Redox-Dependent H-Bonding in Simple, Electroactive Ureas Containing Either Ferrocene or Phenylendiamine Redox Couples – Similar Results with Different Mechanisms	1901
<i>Kyle Logan, Ahmed H. Elashmaway, Diane K. Smith</i>	
Electrochemical Studies of Bismuth/L-Cysteine and Bismuth/L-Glutathione Interactions in Aqueous Buffers	1902
<i>Dexter C. Clark, Graham T. Cheek</i>	
Single Synaptic Observation of Cholinergic Neurotransmission on Living Neurons: Concentration and Dynamics	1904
<i>Mei Shen</i>	
(Invited) Understanding and Predicting Transitions in Proton Coupled Electron Transfer	1905
<i>Carlos Eduardo Frontana</i>	
Using Electron-Transfer-Induced Proton Transfer to Control Binding Strength in H-Bond Dimers	1905
<i>Hyejeong Choi, Diane K. Smith</i>	
The Role of H-Bonding in Pcet: The Chemically Reversible One Electron, Two Proton Reduction of N-Methyl-4,4'-Bipyridine Radical in Acetonitrile	1907
<i>Diane K. Smith, Ksenia Pavlova, Alyza Medina</i>	
Electrochemical and Circular Dichroism Study of the Interaction of Cu(II) Coordination Compounds with BSA	1908
<i>Janet Ocampo, Rafael Moreno, Marisela Cruz, Luis Antonio Ortiz</i>	
Evidence of the Participation of Phenolic Groups on Hydrogen-Atom Transfer Reactions during the Electrochemical Oxidation of Meso-(p-hydroxyphenyl)Porphyrin	1908
<i>Lindsay Sidney Hernández-Muñoz, Martha Aguilar Martínez, Norma Angélica Macías Ruvalcaba</i>	
Effect of Heteroatom Bridge in the Transfer Electron Process of O-Aminebenzamides and Quinazolinendiones Evaluated By Electrochemistry	1910
<i>Karla Alejandra Espinoza, Lizette Manzo-Cruz, Juan Alberto Pérez-Zamora, Mercedes Teresita Oropeza-Guzman, Lucia Z. Flores-López, Luis David Olguín, Jr., Ignacio A Rivero</i>	
Chromium Oxynitride Electrocatalysts for Electrochemical Synthesis of Ammonia Under Ambient Conditions	1911
<i>Yao Yao, Qi Feng, Jiadong Li, Shangqian Zhu, Yuze Yao, Yajun Wang, Qi Wang, Meng Gu, Haijiang Wang, Hui Li, Minhua Shao</i>	
Nitrogen-Doped Highly Disordered Carbon for Nitrogen Reduction Reaction during Electrochemical Ammonia Synthesis	1912
<i>Gang Wu</i>	

Supported Pt Nanoparticle Catalysts - Correlation of Electrochemical CO-Stripping Data and Gas Phase in-Situ Drifts Measurements	1912
<i>Tim Tichter, Prashant Subhas Khadke, Christina Roth</i>	
Electrochemical Synthesis of an Alcohol-Tolerant Platinum-Based Material for the Oxygen Reduction Reaction	1914
<i>Mariana Vargas-Ordaz, Isaac Velázquez-Hernández, Janet Ledesma-García, Lorena Álvarez-Contreras, Noé Arjona, Minerva Guerra-Balcázar</i>	
Twisty Pd-Au Nanowires for Highly Selective and Active CO₂ electrochemical Reduction	1914
<i>Shangqian Zhu, Minhua Shao</i>	
Structure Sensitivity of Electrochemical Reactions from First Principles: Applications to Nitrogen and Water Cycles	1915
<i>Hee-Joon Chun, Siddharth Deshpande, Vesa Apaja, Karoliina Honkala, Zhenhua Zeng, Jeffrey Greeley</i>	
Transient Study of Adsorbed Oxygen Species Arising from Exposure to Dissolved Oxygen	1916
<i>Oliver Rodríguez, Guy Denuault</i>	
The Influence of the Binder on the Investigation of Electrocatalysts for Oxygen Evolution Reaction in Alkaline Water Electrolysis	1917
<i>Praveen Vidusha Narangoda, Sebastian Neugebauer, Robert Schloegl, Anna Katharina Mechler</i>	
PGM-Free and Iron-Free Catalysts for Oxygen Reduction in Acids	1918
<i>Gang Wu</i>	
Enhancement of Electrocatalytic Reduction of Carbon Dioxide at Electrodes Modified with Highly-Acidic Mixed-Metal-Oxide Films	1919
<i>Iwona Agnieszka Rutkowska, Pawel J. Kulesza</i>	
NiO₂ and Fe₂O₃ Surface Modified Glassy Carbon Electrodes for the Electrocatalytic Oxidation of Bioanalytes	1920
<i>Christian A Tooley, Jeffrey Mark Halpern</i>	
Spreadsheet-Based Cyclic Voltammetry Simulation of Mediated Ferrocyanide Oxidation By Ferrocene Derivatives in Alkanethiol-Based Self-Assembled Monolayers on Gold Electrodes	1921
<i>Stephen E Creager, Robert Matthew Mayall, Viola Birss</i>	
(Europe Section Alessandro Volta Medal) From Nanobiosensors to Scanning Bipolar Electrochemistry	1922
<i>Wolfgang Schuhmann</i>	
Direct Demonstration of Unified Brønsted-Evans-Polanyi Relationships for Proton-Coupled Electron Transfer Reactions on Transition Metal Surfaces	1923
<i>Hee-Joon Chun, Zhenhua Zeng, Jeffrey Greeley</i>	
Photoelectrochemical Properties of p- and n- Type 4H-SiC Epilayers: Doping Concentration Dependence and Dopant Selectivity	1923
<i>Shojan Pullockaran Pavunny, Rachael L. Myers-Ward, Kevin Daniels, Karthik Sridhara, Anthony K Boyd, Matthew T Dejarld, D Kurt Gaskill</i>	
In Search of the Active Chlorine Species on Ti/ZrO₂-RuO₂-Sb₂O₃ Anodes Using Dems and XPS	1924
<i>Ricardo Enrique Palma Goyes, J. Vazquez-Arenas, Carlos Ostos, Arturo Manzo-Robledo, Issis Romero-Ibarra, Jorge Calderón, I González</i>	
Probing Electrochemical Reactions at Individual Nanostructures: Applications in Electrocatalysis and Photoelectrochemistry	1925
<i>Partha Saha, Joshua Hill, Joshua Walmsley, Caleb M. Hill</i>	
Screen-Printed Electrodes As EC-SERS Active Surfaces for Quantitative Raman Spectroelectrochemical Detection of Biologically-Related Species	1925
<i>Pablo Fanjul Bolado, Alejandro Junquera Pérez, María Begoña González García, David Hernández Santos</i>	
In Situ Structural Determination of Underpotentially Deposited Pd Monolayer on Au(111) Surface	1926
<i>Takuya Masuda, Yuki Wakisaka, Toshihiro Kondo, Wang-Jae Chun, Satoru Takakusagi, Kiyotaka Asakura, Kohei Uosaki</i>	
Analysis of Nucleobase Adsorption Onto Bare Gold Surfaces Using Electrochemical Sensing	1927
<i>Caroline A. Ladegard, Christian A Tooley, Jeffrey Mark Halpern</i>	
Non-Precious Group Metal Electrocatalysis of Sulfite Electro-Oxidation Reaction for Gold Electrowinning Processes	1929
<i>Pooya Hosseini-Benhangi, Davood Nakhaie, Yeonuk Choi, Janet Baron, Edouard Asselin</i>	
Enhancing Catalytic Activity of MoS₂ Basal Plane S-Vacancy By Co Cluster Addition	1930
<i>Sangwook Park, Joonsuk Park, Hadi Abroshan, Samira Siahrostami, Xiaolin Zheng</i>	
The Micro-Optical Ring Electrode: A Sensor for Multiple Actinide Ions Monitoring	1932
<i>Gary Linnett, Fabrice Andrieux</i>	
Electron Transfer Reactions in Three-Nuclear Ti Complexes with π-Acceptor Ligands	1932
<i>Aleksandra Markovic, Pia Sander, Carsten Dosche, Rüdiger Beckhaus, Gunther Wittstock</i>	
On the Assumption-Free Determination of Single-Ion Gibbs Energies of Transfer	1934
<i>Valentin Radtke, Andreas Ermantraut, Ingo Krossing</i>	
Effect of Pd/C, Au/C and PdAu/C Synthesized Using Ionic Liquids in the Electro-Oxidation of Crude Glycerol in Alkaline Media	1935
<i>Isaac Velázquez-Hernández, Virgine Lair, Lorena Álvarez-Contreras, Minerva Guerra-Balcázar, Noé Arjona</i>	
Rotating Disk Slurry Electrodeposition (RoDSE) Technique for Fuel Cell Catalysts Development	1935
<i>Carlos A Velez, Luis E Betancourt, Melissa Vega, Carlos R Cabrera</i>	
Electrochemical Endpoint Lithography Techniques Applied to PMMA LIGA Fabrication of Xpci Gold Gratings	1936
<i>Christian L. Arrington, Andrew E Hollowell, Patrick Sean Finnegan, Kalin R Baca, Jamin R. Pillars, Amber L Dagel, Varshni Singh, Quoc Nguyen</i>	
Electrochemical Characterization of Caffeic Acid in the Presence and Absence of SDS	1937
<i>Dafne Sarahia Guzmán-Hernández, Maria Teresa Ramirez-Silva, Mario Alberto Romero-Romo, Silvia Corona-Avenidaño, Manuel Palomar-Pardavé</i>	

Intermediate Hopping on Flexible Cascade Surface with Electrostatic Channeling	1938
<i>Yuanchao Liu, Scott Calabrese Barton</i>	
Methanol Oxidation on Galvanostatically Electrodeposited NiPt Nanoparticles: Correlation between Deposition Current Density and Catalytic Activity	1939
<i>D. Alfonso Crespo-Yapur, Alejandra Medrano, Marcelo Videia</i>	
Galvanostatically Deposited Nickel Nanoparticles As Electrocatalyst for the Methanol Oxidation Reaction: Role of Deposition Current Density on Catalytic Activity	1941
<i>María Paula Salinas Quezada, D. Alfonso Crespo-Yapur, Abraham Cano, Marcelo Videia</i>	
Kinetic Monte Carlo Simulation of CO₂ Electroreduction Cascade	1943
<i>Kanchan Suklal Chavan, Ivana Matanovic, Scott Calabrese Barton</i>	
Microkinetic Rate Theory: Formalization, Current Limitations, Prospects As Basis for Continuum Rate Theory	1944
<i>Michael F Francis</i>	
Silver Electrodeposition on Nanocrystalline Graphite: Galvanostatic Control As a Tool in the Study Electrodes with High Resistance	1944
<i>D. Alfonso Crespo-Yapur, Jorge Luis Cholula-Díaz, Marcelo Videia</i>	
Electrochemical and Chemical Synthesis of Platinum Hierarchical Nanostructures Using Bicontinuous Microemulsions	1946
<i>Elijah T Adesuji, Margarita Sanchez-Domínguez, Marcelo Videia</i>	
Application of Electrochemical Impedance Spectroscopy for Evaluating Nanoparticle Agglomeration	1947
<i>Dennis G Peters, Michael Andrew Pence, Seyyedamirhossein Hosseini</i>	
Surface and Subsurface Effects in Electrochemical Water Splitting	1948
<i>Hadi Tavassol, Charles Bloed, Jiam Vuong, Andrew Siwabessy, Calum Shelden, Alexis Enriquez</i>	
Catalytic Activity Enhancement in Oxygen Evolution Reaction on LDH Nanosheets By Metal-Cluster Loading	1949
<i>Sho Kitano, Miho Yamauchi</i>	
Enhancing the Activity and Stability of Manganese Oxide-Based Catalysts for the Electrochemical Oxygen Evolution Reaction	1950
<i>Dulce M. Morales, Justus Masa, Hendrik Antoni, Martin Muhler, Wolfgang Schuhmann</i>	
The Complex Electrochemistry of Manganese Dioxide in Alkaline Batteries	1951
<i>Gautam Ganapati Yadav, Jinchao Huang, Xia Wei, Joshua W Gallaway, Damon Turney, Michael Nyce, Sanjoy Banerjee</i>	
Understanding the Second Electron Reaction Mechanism of γ-MnO₂ and the Rechargeability of Spinel Phases in Alkaline Zn MnO₂ Batteries	1953
<i>Jinchao Huang, Gautam Ganapati Yadav, Damon Turney, Michael Nyce, Sanjoy Banerjee</i>	
Nickel Oxide Thin Film Photoelectrodes Prepared By RF Magnetron Sputtering	1954
<i>Kim Valdemarsson, Kaiying Wang</i>	
Spectroelectrochemical Detection of Pharmaceutical Compounds Using Carbon Screen Printed Electrodes	1955
<i>Pablo Fanjul Bolado, María Begoña González García, Alejandro Junquera Pérez, David Hernández Santos</i>	
Monitoring Electrolyte Degradation in Electrochemical Machining Operations	1956
<i>Elaine M. Humiston, Christopher J. Humiston, Joseph Carter, Joshua A. Maurer</i>	
Accounting for Unsteady-State Behavior during Electrochemical Impedance Spectroscopy	1956
<i>Sujan Shrestha, Mark Sholin, Carl Albrecht Schiller, Steffen Fröba, Michael Multerer, Werner Strunz</i>	
Kinetic of Metal Extraction at the Water 1,2-Dichloroethane Interface	1957
<i>Jared A Pérez-Zúñiga, Judith Amador-Hernández, Cervando Sánchez-Muñoz, Edith M Colunga Urbina, Iliana M De La Garza Rodríguez, Miguel Velazquez-Manzanares</i>	
Oxidation of Antioxidant Species with Superoxide Radicals Produced By the Xanthine-Xanthine Oxidase System	1958
<i>Jorge Juarez-Gomez, María Teresa Ramírez-Silva, Manuel Palomar, Mario Romero-Romo</i>	
Electrodeposition of Graded Metal Coatings on Spherical Mandrels	1958
<i>Vanessa N. Peters, Corie Horwood, Neal Bhandarkar, Michael Stadermann, Thomas Bunn</i>	
Electrochemical Evidence of Formation of the Quinizarin-β Cyclodextrin Complex in Aqueous Solution	1959
<i>Dafne Sarahia Guzmán-Hernández, Alma Karina Rivas-Sanchez, Mario Alberto Romero-Romo, Manuel Palomar-Pardavé, Silvia Corona-Avendaño, María Teresa Ramírez-Silva</i>	
Fabrication and Photoelectrical Properties of Thin Film g-C₃N₄ Modified TiO₂ Nanotube Photoelectrode	1960
<i>Tor Håvard Aasen, Kaiying Wang</i>	
Photocatalyst on the Surface Flexible Atmospheric Pressure Plasma Wire Electrodes	1961
<i>Kyong Yong Eum, Choong Sup Yoon, Jang Myoun Ko</i>	
(Invited) Ultrasound Application and Multi-Step Reactions in Electrodeposition of Refractory Metals	1961
<i>Lukas Seidl, Ludwig Asen, Göktug Yesilbas, Pauline Fischer, Fritz Kühn, Oliver Schneider</i>	
Effect of Chloride Ions on Electrochemical Behaviors of Magnesium Anode in Ionic Liquids Based on TFSA	1963
<i>Hajime Matsumoto, Keigo Kubota</i>	
Electrodeposition of Si in Molten CaCl₂ Above 1300K	1964
<i>Toshihide Takenaka, Ryoya Shimokawa, Haruka Okada, Taiki Morishige</i>	
Sn-Cu Codeposition from Non-Aqueous Solvents for Wafer Bonding Applications: A Pulse Plating Study	1965
<i>Mattia Pallaro, Gabriele Panzeri, Luca Magagnin</i>	
Vanadium Electrorefining in NaCl-KCl-VCl₂ Melts	1966
<i>Ilya B. Polovov, Mikhail V. Chernyshov, Vladimir A. Volkovich, Oleg I. Rebrin, Alexander N. Ryllov</i>	
(Invited) Metal Production in CaCl₂-Based Melts	1967
<i>Ryosuke O. Suzuki, Hiromi Noguchi, Yasushi Haraguchi, Shungo Natsui, Tatsuya Kikuchi</i>	
New Reference Electrodes for Air and Moisture Stable Ionic Liquids	1968
<i>Corie Horwood, Michael Stadermann</i>	
Gadolinium Electrochemical Deposition Targeting Neutron Phase Contrast Imagin	1969
<i>Christopher R. St. John, Jamin R. Pillars, Dagel L Amber, Yuan-Yu Jau, Christian L. Arrington</i>	

Electric Conductivity of Li/Na Binary Molten Carbonate Coexisting with Nanoparticles of CeO₂:Sm³⁺	1970
<i>Minoru Mizuhata, Hiroshi Kubo, Hideshi Maki, Masaki Matsui</i>	
Electrochemical Control of Multi Crystal Formation from Clay Mineral in Molten Sodium Chloride and Calcium Chloride	1971
<i>Mitsunori Honda, Yoshihide Sakanaka, Takuya Goto, Tsuyoshi Yaita, Shinichi Suzuki</i>	
Effect of Alkali Metal Cations on Electrochemical Behavior of Ti(III) Ions in Fluoride–Chloride Mixed Melts	1972
<i>Yutaro Norikawa, Kouji Yasuda, Koma Numata, Tomoyuki Awazu, Masatoshi Majima, Toshiyuki Nohira</i>	
Influence of Molar Ratio of CaO to TiO₂ on Ti Electrodeposition in Molten CaCl₂	1974
<i>Haruka Okada, Maito Murata, Taiki Morishige, Toshihide Takenaka</i>	
Electrochemical Deposition of Alkaline-Earth Elements (Sr and Ba) into Liquid Metals in Molten LiCl–KCl–SrCl₂–BaCl₂ salt	1975
<i>Hojong Kim, Timothy Lichtenstein, Nathan Smith</i>	
Electrodeposition of Fe, Co, Mn and Their Alloys from Choline Chloride/Urea Based Deep Eutectic Solvents	1976
<i>William D. Sides, Nikolas Kassouf, Qiang Huang</i>	
Electrodeposition of Refractory Metals from Ionic Liquids	1977
<i>Joshua A. Maurer</i>	
Development of an Inert Anode for the Electrolytic Reduction of Cerium Oxide	1978
<i>David Rodriguez, Marisa Monreal, Matt Jackson, Kirk Weisbrod</i>	
Electrodeposition of Zinc from Ethylene Glycol Chloride-Free Non-Aqueous Solution	1978
<i>Gabriele Panzeri, Dominic Müller, Luca Magagnin</i>	
(Invited) Ionic Liquid Interfaces Probed with Spectroscopy and Electrochemistry	1980
<i>Amanuel Hailu, Andrew Horvath, Scott K Shaw</i>	
Tunable Reversible Ionic Liquids: Structurally Determined Property Manipulation	1980
<i>Elizabeth J Biddinger, Sungyup Jung, Showmik Podder, Josephine Chen</i>	
Electrochemical and Spectroscopic Insight into the Interfacial Structure of Ionic Liquids	1981
<i>Jeffrey Michael Klein, Bureu Gurkan</i>	
Negative Pressure Regimes in Ionic Liquids: Structure and Interactions in Stretched Liquids as Probed by NMR	1982
<i>Wagner Silva, Helena Isabel M. Veiga, Mohammad Tariq, Eurico J. Cabrita, José M. S. S. Esperança, José N. Canongia Lopes, Luis Paulo N. Rebelo</i>	
Photo-polymerized Organic Host Network of Ionogels for Lithium Batteries: Effects of Mesh Size and of Ethylene Oxide Content	1983
<i>Djamel Aidoud, Delphine Guy-Bouyssou, Dominique Guyomard, Jean Le Bideau, Bernard Lestriez</i>	
H/D Isotope Effects on Nuclear Shielding As a Tool for the Study of Interionic Hydrogen Bonds in Ionic Liquids	1984
<i>Gualberto Bottini, Cecilia Pérez, Guillermo Moyna</i>	
High Magnetic Field Effects on Al Electrodeposition in AlCl₃-Emic Ionic Liquid	1985
<i>Hisayoshi Matsushima, Hitomi Takahashi, Iwao Mogi, Mikito Ueda</i>	
(Invited) Electrochemical Synthesis of Metal and Semiconductor Nanostructures from Ionic Liquids	1986
<i>Natalia Borisenko</i>	
Metal Oxides Solubility in Molten Salt Systems	1987
<i>Igor N Skryptun</i>	
Physicochemical and Electrochemical Properties of FSA-Based Ionic Liquid Electrolytes for K-Ion Batteries	1988
<i>Takayuki Yamamoto, Kazuhiko Matsumoto, Rika Hagihara, Toshiyuki Nohira</i>	
Influence of Additives on Aluminum (Al) Plating from Ionic Liquids	1989
<i>Weina Li, Weilong Zhang, Joshua G. Abbott</i>	
Water and Proton Concentration Affects the Electrocatalytic Conversion of Carbon Dioxide in Ionic Liquids	1990
<i>Scott K Shaw, Amanuel Hailu</i>	
Hot Corrosion Study of TiO₂-ZrO₂ Coating on Inconel 601 Alloy in NaVO₃ Molten Salt	1990
<i>Sergio Espinoza-Villa, Georgina Carbajal-De La Torre, Erasmo Cadenas, Marco Antonio Espinosa-Medina</i>	
Evaluating the Effect of Applied Tension during Natural Fiber Welding of Lignocellulose Yarns	1991
<i>Adam Burn, David P. Durkin, Patrick J. Fahey, Hugh C. De Long, Paul C. Trulove</i>	
Formation of Rare Earth Phosphates in the Melts Based on NaCl–KCl Equimolar Mixture	1992
<i>Vladimir A. Volkovich, Alexander B. Ivanov, Andrey V. Chukin, Vladislav V. Sukhikh, Trevor R. Griffiths</i>	
Electrochemical Properties of Uranium and Zirconium on Solid and Liquid Electrodes in 3LiCl–2KCl Based Melts	1993
<i>Dmitry S. Maltsev, Vladimir A. Volkovich, Ekaterina V. Raguzina, Kirill E. Strepetov, Anastasiya A. Kozlova, Maria N. Soldatova</i>	
Thermal Analysis of the System NaCl–CaCl₂–CaO	1993
<i>Ruslan N. Savchuk, Larisa V. Gritsai, Antonina V Blyznyiuk, Igor N Skryptun</i>	
New Industrial Alloy for Molten Salt Application: Design and Properties	1994
<i>Kirill V. Dedov, Alfya F. Gibadullina, Arkadiy Yu. Zhilyakov, Aleksandr P. Pantyukhin, Aleksandr V. Abramov, Vyacheslav V. Karpov, Ilya B. Polovov, Vladislav A. Khotinov, Aleksandr F. Shevakin, Sergey V. Belikov, Peter A. Kharin, Vladimir A. Volkovich, Oleg I. Rebrin</i>	
Corrosion Resistance of Hastelloy G-35 Nickel-Based Superalloy in Various Aggressive Media	1996
<i>Aleksandr V. Abramov, Kirill V. Dedov, Alfya F. Gibadullina, Arkadiy Yu. Zhilyakov, Vyacheslav V. Karpov, Vladimir A. Volkovich, Ilya B. Polovov</i>	
Interaction of Neodymium Containing Chloride Melts with Oxygen Species	1997
<i>Andrey V. Shchetinskii, Alexander S. Dedyukhin, Vladimir A. Volkovich, Regina Yu. Kaychenkova, Dmitry S. Maltsev, Ilya B. Polovov, Andrey V. Chukin</i>	
Kinetics of the Reduction of Rare Earth Metals in LiCl–KCl–CsCl Eutectic Melt	1997
<i>Andrey V. Shchetinskii, Ekaterina A. Kharina, Vladimir A. Volkovich, Alexander S. Dedyukhin</i>	
An Electrochemical Study of Divalent Ytterbium Species in NaCl–KCl and NaCl–KCl–CsCl Based Melts	1998
<i>Oleg A. Tropin, Vladimir A. Volkovich, Olga A. Golovanova</i>	

Electronic Absorption Spectra of Uranium(V) Species in Fused Alkali Chlorides	1999
<i>Vladimir A. Volkovich, Yaroslav A. Shatkovskiy, Denis E. Aleksandrov, Dmitry S. Maltsev</i>	
Electrochemical Obtaining and Studying Structural Characteristics of Nanopowders of Intermetallides of Gallium and Nickel	2000
<i>Marina Ligidova, Hasbi Kushkhov, Inna Borukaeva, Ranetta Kardanova</i>	
Electrochemical Synthesis of Carbon Nanotubes in Carbonate Melts	2001
<i>Romina Karatsukova, Hasbi Kushkhov, Marina Ligidova, Maryana Marzhokhova</i>	
Electrochemical Synthesis of Chromium Borides in Halide-Oxide Melts	2001
<i>Oksana Ashinova, Hasbi Kushkhov, Marina Ligidova, Madina Shogenova</i>	
Electrochemical Synthesis of Tungsten Carbide in Molten Salts, Its Properties and Applications	2002
<i>Inessa Novoselova, Sergei Kuleshov, Elena Fedoryshena, Valeriy Bykov</i>	
Electrochemistry of SmCl₃ and SmF₃ in Molten NaCl-KCl	2003
<i>Yuriy V. Stulov, Sergey A. Kuznetsov</i>	
Quantum-Chemical Study of the Titanium Complexes Stability in the Model System M²⁺ [Ti(3)F₆]³⁻+12MCl₂	2004
<i>Yuriy V. Stulov, Vyacheslav G. Kremenetsky, Sergey A. Kuznetsov</i>	
Thermodynamic Properties of Hafnium Chlorides Dissolved in the NaCl-KCl Melt Obtained by Electrochemical Transient Techniques	2006
<i>Sergey A. Kuznetsov</i>	
Quantum-Chemical Analysis of the Electron Transfer in the MgTiF₆+12MgCl₂ Molten System By Frontier Molecular Orbital Method	2007
<i>Sergey A. Kuznetsov, Vyacheslav G. Kremenetsky</i>	
Electrochemical Behavior of Niobium Complexes in Chloride-Fluoride Melts with Addition of Alkaline Cations	2008
<i>Daria A. Vetrova, Anna V. Popova, Sergey A. Kuznetsov</i>	
Electrochemical Synthesis of Tantalum Silicides from Chloride-Fluoride Melts	2010
<i>Sergei Vladimirovich Devyatkin</i>	
Double Salt Ionic Liquids for Lignin Hydrolysis: One Cation for Catalyst and Solvent Anions	2010
<i>Xianbao Cui, Kai Li, Hemant Choudhary, Julia L. Shamshina, Robin Don Rogers</i>	
Utilizing Ionic Liquids to Generate Sustainable Technologies	2011
<i>Kristin R Di Bona</i>	
Which Part of a Shrimp Has More Economic Value, the Shell or the Meat?	2011
<i>Gabriela Gurau, Robin Don Rogers</i>	
Ionic Liquid Mediated Synthesis of Cellulose and Chitosan Composite for Purification of Drinking Water	2013
<i>Chieu D. Tran, James Nyakuchena</i>	
Ionic Liquids As Property Modifiers in Additive Manufacturing	2013
<i>A W Etheredge, T R Ellett, G M Poole, William Matthew Reichert</i>	
Photo-Healable Materials Based on Block Copolymers and Ionic Liquids	2014
<i>Masayoshi Watanabe</i>	
(Invited) Cellulose and Ionic Liquids Beyond Dissolution	2015
<i>Nolene Byrne</i>	
Natural Fiber Welding with Novel Ionic Liquids	2016
<i>Robert T. Chung, Seok Park, Elizabeth A. Yates, David P. Durkin, Paul C. Trulove, Hugh C. De Long</i>	
Cellulose, Cellobiose, and Glucose Cause Similar Decreases to Molar Conductivity, Drastically Different Increases to Dynamic Viscosity of 1-Ethyl-3-Methylimidazolium Acetate Based Solvents	2017
<i>Patrick J. Fahey, David P. Durkin, Eric T. Fox, Mallory Gobet, Steven Greenbaum, Hugh C. De Long, Paul C. Trulove</i>	
The Impact of Carbohydrate Solutes on the Ionicity of 1-Ethyl-3-Methylimidazolium Acetate Ionic Liquid Solutions	2017
<i>Patrick J. Fahey, David P. Durkin, Eric T. Fox, Mallory Gobet, Steven Greenbaum, Hugh C. De Long, Paul C. Trulove</i>	
Integration of Functional Nanomaterials in Biopolymer Composites Using Ionic Liquid Based Methods	2018
<i>Paul C. Trulove, David P. Durkin, Patrick J. Fahey, Seok Park, Robert T. Chung, Christian E. Hoffman, Hatem Elbidweithy, Elizabeth A. Yates, Luke M. Haverhals, Hugh C. De Long, Suzanne Q. Lomax</i>	
Improving the Thermal Stability of Textile Fibers By Natural Fiber Welding	2019
<i>David P. Durkin, Xiling Tang, Benjamin P. Frank, Hugh C. De Long, Luke M. Haverhals, Paul C. Trulove</i>	
Investigating Processes Occurring in Acoustically Levitated Ionic Liquid Droplets	2019
<i>Edward R. Duranty, Seth A. Jacoby, James H. Davis, Jr.</i>	
(Physical and Analytical Electrochemistry Division Max Bredig Award Address in Molten Salt and Ionic Liquid Chemistry) From Liquid Clathrates to Ionic Liquids and Back Again. Was Anything Learned on the Journey?	2020
<i>Robin Don Rogers</i>	
(Invited) Ion Clusters and Li Transport in [Pyr₁₂₀₁][FTFSI] Ionic Liquid-Based Electrolytes	2021
<i>Guinevere A Giffin, Arianna Moretti, Sangsik Jeong, Kartik Pilar, Marc Brinkkoetter, Steven Greenbaum, Monika Schonhoff, Stefano Passerini</i>	
Diethylmethylamine-Based Protic Ionic Liquids and Their Binary Mixtures with Water As Fuel Cell Electrolyte	2021
<i>Muhammed Shah Miran, Md. Shahriar Hasan Saikat</i>	
Surfactant Ionic Liquids for Supercapacitors	2022
<i>Ningjin Xu, Jeffrey Michael Klein, Phoebe Huang, Burcu Gurkan</i>	
The Effects of Excess Protic Species on Oxygen Reduction in Protic Ionic Liquids and Implications for the Use of Ionic-Liquid Electrolytes in Fuel Cells	2023
<i>Darren Anthony Walsh, Sean Goodwin, Daniel Smith</i>	
Ionic Liquids As Electrolytes for Post Li-Ion Batteries	2024
<i>Boyan Iliev, Thomas J. S. Schubert, Svetlana Cadu</i>	

Ionic Liquids for Controlled Synthesis of Functional Materials for Energy-Related Applications	2025
<i>Sheng Dai</i>	
Interaction of 3D Conductive Polymer-Reticulated Vitreous Carbon Composites in Ionic Liquid As Energy Storage Material	2025
<i>Theresa Schoetz, Carlos Ponce De León, Andreas Bund, Mikito Ueda</i>	
(Keynote) Ionic Liquids for Improved Separations	2026
<i>Richard Noble, Douglas Gin</i>	
Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) in Lithium Bis(trifluoromethylsulfonyl)Amide-Tetraglyme Solvate Ionic Liquid	2028
<i>Yasushi Katayama, Kojiro Wada, Naoki Tachikawa, Nobuyuki Serizawa</i>	
(Keynote) Pyrochemical Process in Molten Salts for Spent Nuclear Fuel Reprocessing and Radioactive Waste Treatments	2029
<i>Reiko Fujita</i>	
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<i>Hirokazu Konishi, Hang Hua, Hideki Ono, Yuichiro Koizumi, Tetsuo Oishi, Toshiyuki Nohira</i>	
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<i>Alexandra Patru, Bernhard Pribyl, Thomas J. Schmidt</i>	
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<i>Yusaku F. Nishimura, Karen Chan, Christopher Hahn, Thomas F. Jaramillo</i>	
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<i>Xuhui Feng, Fuping Pan, Ying Li</i>	
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<i>Chao Wang</i>	
(Invited) A Fast and Sensitive Detection Method for Detecting CO₂ Reduction Products and Local pH	2033
<i>Fen Zhang, Anne C. Co</i>	
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<i>Pawel J. Kulesza</i>	
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<i>Jihun Oh</i>	
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<i>Claudio Corngale, John R. Monnier, John R. Regalbuto, Sirivatch Shimpalee, John W. Weidner, John Tengco, Weijian Diao, Daniel Ginosar, Maximilian Gorenssek, Zhiwen Ma, William Summers</i>	
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<i>Ian James McPherson, Tim Sudmeier, Joshua Fellowes, Shik Chi Edman Tsang</i>	
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<i>Marta C. Hatzell, Yu-Hsuan Liu</i>	
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<i>Yun Hang Hu</i>	
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<i>Hyunwoong Park</i>	
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<i>Hao Wang, Lijun Gao</i>	
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<i>Ingrid Guadalupe Rodríguez Gutiérrez, R. García-Rodríguez, Alberto Vega-Poot, Jinzhan Su, Geonel Rodríguez-Gattorno, Lionel Vayssieres, Gerko Oskam</i>	
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<i>Filippo Cavalca, Rafael Ferragut, Stefano Aghion, André Eilert, Oscar Diaz Morales, Chang Liu, Ai Leen Koh, Thomas Willum Hansen, Lars G. M. Petterson, Anders Nilsson</i>	
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<i>Dongil Lee</i>	
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