

## POSTER SESSION II

№	Authors	Title
1.	<b>Damian Honisz</b> , Peter J. Skabara, Wojciech Domagała, Mieczysław Łapkowski	Effect of changing chalcogen atom on electron delocalization on benzo-chalcogenidiazoles radical anions
2.	<b>Y.M Aniskevich</b> , A.V. Prudnikau, A.V. Antanovich, M.V. Artemyev , G.A. Ragoisha, E.A. Streltsov	Size, ligand and solvent effects in electrochemistry of electroactive CdSe QD - Cd <sup>2+</sup> /Cd <sub>ad</sub> system
3.	<b>Ádám Balog</b> , Gergely F. Samu, Csaba Janáky	The effect of trap states on the optoelectronic properties of semiconductor photoelectrodes
4.	<b>N. Dimitrova</b> , J. Georgieva, Tz. Boiadjieva-Scherzer, S. Sotiropoulos	IrO <sub>2</sub> /TiO <sub>2</sub> nano-catalysts applicable as anode materials in electrolyzers
5.	N. Dimitrova, <b>J. Georgieva</b> , S. Sotiropoulos, Tz. Boiadjieva-Scherzer	Characterization of PtIrO <sub>2</sub> /TiO <sub>2</sub> as Bifunctional Electrodes for Unitized Regenerative Fuel Cells
6.	<b>Vasil Karastoyanov</b> , Iva Betova, Martin Bojinov	Composition, electrical and optical properties of nanoporous TiO <sub>2</sub> doped with copper and molybdenum oxides
7.	<b>L. Falciola</b> , V. Pifferi, G. Di Liberto, L. Lo Presti, M. Ceotto	A Concerted Electrochemical and Theoretical Investigation of the Ag/TiO <sub>2</sub> nano-heterojunction
8.	<b>A. Galeyeva</b> , A. Kurbatov, M. Lepikhin, K. Ablayeva	Influence of surface layers onto lithium intercalation into the nanotubes of titanium dioxide
9.	<b>E. V. Alekseeva</b> , M. V. Novogilova, V. A. Ershov, A.S. Konev and O.V. Levin	Effect of Structure of Polymeric Nickel Complexes with Salen-Type Ligands on The Stability in Solutions of Water-Containing Electrolytes and The Charge Transfer Parameters
10.	<b>Marie-Pierre Santoni</b> , Mohamed Jouini, Annette Delices, Zijun Xu,	NiO-based hybrid material for CO <sub>2</sub> reduction catalysis

	Chang-Zhi Dong, Sebastien Bellynck, Iwona Rutkowska and Pawel Kulesza	
11.	<b>Adefunke Koyejo</b> , Lokesh Kesavan, Pia Damlin, Carita Kvarnström	Electrochemical Reduction of CO <sub>2</sub> Using Supported Au Nanoparticles.
12.	<b>S. Kochrekar</b> , A. Kalekar, P. Damlin, M. Salomäki, N. Meltola, C. Kvarnström	Electrochemical CO <sub>2</sub> reduction on functionalized metal porphyrins
13.	<b>Ahmed Mohsen Ismail</b> , Edit Csapó, and Csabajanák	Au-Ag Bimetallic Catalysts with Different Composition for CO <sub>2</sub> Reduction
14.	<b>E. Petkucheva</b> , G. Borisov, D. Paskalev, E. Lefterova, E. Slavcheva	Comparative study of the electrochemical performance of "self-deposited" electrocatalysts on 3D Ni-foam in alkaline media
15.	E. Kecsenovity, <b>S. T. Kochuveedu</b> , J.P Chou <sup>c</sup> , A. Gali <sup>c</sup> , C. Janák	Photoelectrochemical studies on alloyed PbI <sub>2</sub> /CuI electrodes
16.	<b>S. Gumrukcu</b> , O.Cakar, A.Top, E.Sezer, B.Ustamehmetoglu, H. Cebeci <sup>3</sup> , E. Ozden-Yenigun	Graphene based fibre shaped flexible supercapacitor for wearable electronics
17.	<b>S. Kulaksız</b> , U. Unal, C. Yilmaz	2D Metal Oxide Based Photoelectrochemical Biosensor for Glucose Detection
18.	<b>A. Kurbatov</b> , G.Jovanovic,A.Galeyeva	Influence of structure of Li <sub>x</sub> FePO <sub>4</sub> onto Nernst response of the potentiometric sensor
19.	<b>Karol Lušpai</b>	Transparent boron-doped diamond electrodes for (EPR) UV-VIS-NIR spectroelectrochemistry
20.	<b>Valentin Mirceski</b> , Leon Stojanov	Methodological development of square-wave voltammetry
21.	<b>Kosta Najkov</b> , Leon Stojanov, Valentin Mirceski	Square – wave voltammetry of whole blood serum
22.	<b>J. I. Román Silva</b> , J. M. Gómez Gil, Á. Molina Gómez and F. Scholz	Electrochemistry of Mercaptosuccinic Acid on Hanging Mercury Drop Electrode
23.	<b>L. Stojanov</b> , V. Mirceski	Electrochemical faradaic spectroscopy: concept, mechanistic approach and analytical application
24.	<b>A. Testolin</b> , V. Pifferi, S. Cattaneo, A. Villa, L. Falciola	Studying the evolution in time of bimetallic nanoparticles morphology by Cyclic Voltammetry

25.	<b>A. Testolin</b> , V. Pifferi, L. Falcioia, C. Ingrosso, M. Corricelli, A. Agostiano, M. Striccoli, M. L. Curri, F. Bettazzi, I. Palchetti	Enhanced performances of RGO-AuNPs hybrids towards electroanalytical applications
26.	<b>J. Todorov</b> , L. Stojanov, V. Mirceski	Voltammetry of home made peroxide-based explosives
27.	<b>A. N. Filippov</b> , D.A. Petrova, S.A. Shkirskaya	Cell model for electric conductivity and electroosmotic permeability of ion-exchange membrane
28.	<b>A.N. Filippov</b>	Asymmetry of the limiting currents of two-layer and modified single-layer ion-exchange membranes
29.	<b>A. Dettlaff</b> , Ł., Macewicz, G., Skowierzak, M., Sobaszek, J. Ryl, R. Bogdanowicz	Formation of phosphorus oxide complexes during electrochemical treatment of liquid-phase exfoliated few-layered phosphorene films: kinetic studies in aqueous and non-aqueous solutions
30.	<b>Karuppasamy Dharmaraj</b> , Heike Kahlert, Fritz Scholz	The Acidity Constants (pKa1 and pKa2) of Menatetrenone (MK-4) in a DMPC Monolayer on Mercury