

Kurt-Schwabe-Symposium, 4 - 7 September 2016, Mittweida/Germany

Posterprogram by 8/25/2016 11:49 AM

- P 01 **Effect of superhydrophobic coating on corrosion and electrode processes kinetics on steel in 0.5 M NaCl solution**
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- P 02 **The effect of deformation on corrosion properties of tin and aluminum cans in contact with food**
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- P 03 **Electrochemical behavior in chlorides of the T6 heat treated Mg-Zn-RE alloy thixo-cast.**
Z. Szklarz¹; M. Bisztyga²; H. Krawiec²; Ł. Rogal³
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- P 04 **New approach based on galvanodynamic impedance monitoring of corrosion rate in diffusion-controlled environment**
K. Darowicki¹; A. Jazdzewska¹; J. Orlikowski¹
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- P 05 **Forced convection in scanning electrochemical microscopy introduced by an electrochemical flow cell**
T. Raith¹; C. Iffelsberger¹; F. Matysik¹
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- P 06 **Characterization and application of various flow cell configurations for the hyphenation of electrochemistry with mass spectrometry**
T. Herl¹; F. Matysik¹
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- P 07 **Coupling of capacitively coupled contactless conductivity detectors with capillary based separation techniques**
S. Piendl¹; F. Matysik¹
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- P 08 **Mathematical analysis of local harmonic constructing materials**
L. Burczyk¹; K. Darowicki²
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- P 09 **Glass-based potentiometric sensors manufactured by pulse laser deposition**
K. Ahlborn¹; F. Gerlach²; H. Iken³; S. Schusser³; W. Zander⁴; J. Schubert⁴; M. Schöning⁵; W. Vonau²
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- P 10 **Influence of MEA preparation method on PEM water electrolysis performance**
M. Paidar¹; T. Bystron¹; J. Rutrlé¹; K. Bouzek²; G. Papakonstantinou³; T. Vidakovic-Koch³; K. Sundmacher³
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- P 11 **Role of metal impurities in generation of defects in nanostructured Nb₂O₅ layers**
S. Deribo¹
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- P 12 **Process of prepare Zn-Al alloys effects on the corrosion rate of alloys**
E. Janicka¹
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- P 13 **Corrosion inhibition of AA2024-T3 aluminium alloy under acidic conditions**
P. Kwolek¹; K. Dychtoń²; J. Sieniawski²
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- P 14 **Investigations of thermally sensitized surface of austenitic steel by means of scanning probe microscopy**
A. Zieliński¹
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- P 15 **Influence of cavitation erosion on passive layer degradation and corrosion susceptibility of SS 304 in artificial seawater**
J. Ryl¹; J. Wysocka²; S. Krakowiak³; K. Darowicki¹
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- P 16 **Citric acid as corrosion inhibitor for aluminium alloys in aqueous alkaline environments**
J. Wysocka¹; S. Krakowiak²; J. Ryl²; K. Darowicki²
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- P 17 **The kinetics of corrosion of aluminium alloy AA2024-T3 in orthophosphoric acid in the presence of sodium molybdate**
K. Dychton¹; P. Kwolek¹; M. Drajewicz¹; J. Sieniawski¹
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- P 18 **Corrosion and protection of some metals in atmosphere with heightened content of SO₂**
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- P 19 **Influence of PS-PVD process parameters on properties of ceramic coating in TBC**
T. Kubaszek¹; M. Góral²; P. Kwolek²; M. Drajewicz²; W. Cmela³
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- P 20 **The influence of process parameters on structure of ceramic coatings deposited by PS-PVD method**
M. Goral¹; T. Kubaszek¹; J. Sieniawski¹
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- P 21 **The electrochemical behavior of FeNiCoCrMn high entropy alloy matrix nanocomposite with addition of Al₂O₃ and SiC.**
Z. Szklarz¹, L. Rogal¹
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- P 22 **The study of the electrochemical activity of the reduced graphene oxide paste electrode**
M. Brycht¹; S. Skrzypek¹; K. Kalcher²; J. Zavašnik³; A. Leniart¹; K. Wasiński⁴; P. Pórolniczak⁴
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- P 23 **Application of glassy carbon electrode modified with β-CDs and MWCNTs composite in SWAdSV studies of pesticide dichlorophen**
K. Sipa¹; M. Brycht¹; A. Leniart¹; B. Pałecz¹; S. Skrzypek¹
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- P 24 **Voltammetric determination of immunosuppressive drug teriflunomide on edge-plane pyrolytic graphite electrode**
K. Kaczmarek¹; M. Brycht¹; A. Leniart¹; S. Skrzypek¹
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- P 25 **Solid carbon-based electrodes in square-wave voltammetric determination of the fungicide oxycarboxin**
M. Brycht¹; A. Leniart¹; B. Burnat¹; S. Skrzypek¹
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- P 26 **Advantages of Higher Harmonics Analysis for the Investigation of Insertion Electrodes**
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- P 27 **Combining impedance and fluorescence spectroscopy for the detection of diclofenac using *Saccharomyces cerevisiae***
J. Posseckardt¹, C. Schirmer¹, A. Kick¹, W. Fichtner¹, A.T. Winzer², I. Tobehn-Steinhäuser², M. Schädel², A. Steinke², A. Schuller³, K. Ostermann³, G. Rödel³ and M. Mertig^{1,4}
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- P 28 **Copper-ion selective electrode based on a chalcogenide glass**
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- P 29 **Electrochemical sensor device for measuring pH and redoxpotential in thermal water of geothermal plants and wells**
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- P 30 **Galvanic iridium plating for sensor applications**
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- P 31 **Galvanic deposition of pH-sensitive antimony- and bismuth alloys**
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- P 32 **Electroanalytical biofilm monitoring**
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- P 33 **Characterisation of textile flat electrodes by electrochemical methods**
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- P 34 **Electrochemical Advanced Oxidation Processes for groundwater remediation – decomposition of organic compounds at boron-doped diamond electrodes**
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