

## Lista articolelor în limba engleza

### 2024

1. Composition, Structure, and Wear Resistance of Surface Nanostructures Obtained by Electric Spark Alloying of 65G Steel  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 203-194. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
2. Corrosion and Electrochemical Properties of Alloys of Ni-Re Systems Alloyed with Zirconium, Hafnium, Tungsten, and Palladium  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 170-156. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
3. Effect of Cathode Surface Area on the Electrodeposition Rate, Composition, and Microhardness of Co-W Coatings Deposited from a Citrate Bath  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 246-241. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
4. Effect of Heteronuclear Salicylate Complex  $\{[\text{FeSr}_2(\text{SalH})_2(\text{Sal})_2(\text{NO}_3)(\text{DMA})_4]\}_n$  on Corrosion of Steel St. 3 in Water  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 121-109. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
5. Size Effect in Electroplating: Determination Method and Cell for Its Evaluation  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 30-24. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
6. Systems of Strongly Correlated Electrons Interacting with Each Other and with Phonons: Diagrammatic Approach  
. *Surface Engineering and Applied Electrochemistry*. 2024, nr. , 108-94. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)

### 2023

7. Macroscopic Size Effect in the Composition and Properties of Alloys of Iron Group Metals with Tungsten Prepared by Induced Codeposition: Alloy Deposition Mechanism and Its Implications  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 711-699. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
8. Preparation of L(+)-Lactic Acid upon Electroactivation of Serum  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 840-836. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
9. Kinetics and Mechanism of Methylene Blue Adsorption by a  $\text{TiO}_2$ /Diatomite Nanocomposite and Its Components  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 779-772. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
10. Electroactivation: An Advanced Method of Processing of Whey with Medium Protein Content  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 835-824. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
11. Polarimetric Features of PEPC Polymer Doped with Photoisomerizable SY3 Azodye Chromophore  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 797-791. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
12. Consideration of the Synergy of Vitamins E and C in the Kinetic Model of Lipid Peroxidation  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 478-473. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
13. Combustion Synthesis of  $\text{SrAl}_2\text{O}_4:\text{Eu}^{2+}$  Phosphor. Photoluminescence and Cathodoluminescence at Low Temperatures  
. *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 548-542. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)

- Size Effect in the Rate of Electrodeposition of Co-W Coatings from a Citrate Bath
14. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 442-438. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Effect of Passive Oxide Film Structure and Surface Temperature on the Rate of Anodic Dissolution of Chromium-Nickel and Titanium Alloys in Electrolytes for Electrochemical
15. Machining: Part 2. Anodic Dissolution of Titanium Alloys in Nitrate and Chloride Solutions . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 263-255. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Peculiarities of Formation of Phase and Elemental Composition during Electrospray Alloying Using a Manual High-Frequency Vibrator
16. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 280-271. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Effect of Fermentation of Concentrated Whey on the Production of Organic Acids during Electroprocessing
17. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 341-337. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Effect of the Structure of Passive Oxide Films and Surface Temperature on the Rate of Anodic Dissolution of Chromium-Nickel and Titanium Alloys in Electrolytes for Electrochemical
18. Machining: Part 1. Anodic Dissolution of Chromium-Nickel Steel in a Nitrate Solution . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 115-107. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Practical Characteristics of Photosensors Based on Semiconductor-Electrolyte Contact
19. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. , 250-243. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Interrelation between the Composition of Steel Treated by Electrospray Alloying and the Properties of Resulting Composite Surface
20. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. 1, 6-1. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Acid Corrosion Inhibitor from Tobacco Waste for Steel of Oil Pipes
21. . *Surface Engineering and Applied Electrochemistry*. 2023, nr. 1, 89-85. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Influence of Electrohydrodynamic Flows on Intensification of Heat- and Mass-Transfer Processes: Part 3. Electroconvection and Electrohydrodynamic Pumps in the Cooling and
22. Thermostating Systems . *Surface Engineering and Applied Electrochemistry*. 2023, nr. 1, 78-59. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)

## 2022

- On the Problem of Optimal Microbiological Decontamination of Air Environment and Surfaces
23. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 5(58), 539-523. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Kinetics of Electrochemical Nanonucleation during Induced Codeposition of Iron-Group Metals with Refractory Metals (W, Mo, Re)
24. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 5(58), 439-429. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Formation and Breakdown of Oxide Films in High-Rate Anodic Dissolution of Chromium-Nickel Steels in Electrolytes for Electrochemical Machining
25. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 4(58), 322-313. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Influence of Electrohydrodynamic Flows on Intensification of Heat- and Mass-Transfer Processes: Part 1. Electrohydrodynamic Flows and Characteristics of Single-Stage Electrohydrodynamic Pumps
26. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 4(58), 368-350. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)

- Novel materials and reactors for the efficient electrochemical production of hydrogen
27. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 4(58), 1046-1037. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Study of Corrosion Behavior of Coatings Produced on Steel with Electrospray Alloying Using a Hand High-Frequency Vibrator
28. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 2(58), 183-176. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)
- Electrochemical Deposition of Zinc Sulfide from a  $\text{Na}_2\text{SO}_3$ -Based Electrolyte
29. . *Surface Engineering and Applied Electrochemistry*. 2022, nr. 2(58), 115-109. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. A)

## 2021

- Hydrodynamic Aspects of a High-Voltage Infiltration Nanogenerator
30. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 5(57), 566-558. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Part 1: Classification, Composition, Properties, Derivatives, and Application
31. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 5(57), 594-579. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Peculiar Features of Longitudinal Magnetoresistance and Shubnikov de Haas Oscillations in the  $\text{Bi}_{1-x}\text{Sb}_x$  Semiconductor Wires
32. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 5(57), 578-572. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- A High Voltage Nanogenerator Based on Electrification of the Dielectric Liquid Flow through the Glass Filter
33. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 4(57), 501-495. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Size Effects in the Surface Properties of Electroplated Alloys between Iron Group Metals and Tungsten
34. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 4(57), 418-409. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Low-Cost ITO/n-Si Solar Cells with Increased Sensitivity in UV Spectrum Range
35. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 3(57), 322-315. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- $(\text{Ag}_x\text{Cu}_{1-x})_2\text{ZnSnS}_4$ -Based Thin Film Heterojunctions: Influence of CdS Deposition Method
36. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 3(57), 329-323. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Track Membranes' Application for Anodic and Cathodic Space Separation during Induced Codeposition of Fe-W Coatings from Citrate Bath
37. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 3(57), 293-287. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Evolution of Pore Growth in GaAs in Transitory Anodization Regime from One Applied Voltage to Another
38. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. , 172-165. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Diffraction Structures Formed by Two Crossed Superimposed Diffraction Gratings
39. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. , 216-207. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Raman cooperative UV generation with possible applications in microbiology
40. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. , 252-237. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )

- High-Rate Pulsed Galvanostatic Anodic Dissolution of Chromium–Nickel Steels in Electrolytes for Electrochemical Machining: The Role of Surface Temperature
41. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 1(57), 18-10. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Enhanced Emission Properties of Anodized Polar ZnO Crystals
42. . *Surface Engineering and Applied Electrochemistry*. 2021, nr. 1(57), 123-117. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )

## 2020

- Thick-Layer Nanostructured Electrospark Coatings of Aluminum and Its Alloys
43. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 6(56), 664-656. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Nano- and Micromechanical Parameters of AISI 316L Steel
44. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 6(56), 726-719. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- The Influence of UV Irradiation on Dielectric Properties of Biocomposites
45. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 6(56), 745-740. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Heat Transfer Features under Bubble Boiling in an Electroconvection Flow
46. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 2(56), 215-208. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Hydrothermal and Electrochemical Synthesis of MoS<sub>2</sub> Nanoparticles and Characterization of the Latter
47. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 2(56), 132-127. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Typical Cluster Sizes in Metal Electrodeposition
48. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 2(56), 158-147. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Electrodeposition of Fe-W Alloys from Citrate Bath: Impact of Anode Material
49. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 1(56), 0-0. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Derivation of Hydro- and Electrohydrodynamic Equations by the Dimensional Method
50. . *Surface Engineering and Applied Electrochemistry*. 2020, nr. 1(56), 45-41. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )

## 2019

- Nanoscale-TiO<sub>2</sub>/Diatomite Composite: Synthesis, Structure, and Thermal Stability
51. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 6(55), 666-655. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Improving Spatial Confinement of Anodic Dissolution of Heat-Resistant Chromium–Nickel Alloys during Pulsed Electrochemical Machining
52. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 5(55), 501-493. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Preparation and Properties of an Aluminum Hydroxide-Modified Diatomite Sorbent for Removal of Fluorides from Waters
53. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. , 462-455. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Thermoelectric Properties and Shubnikov-de Haas Oscillations in Bi Wires Doped with Sn
54. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. , 423-418. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )
- Electrochemical Deposition by Design of Metal Nanostructures
55. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. , 372-367. ISSN 1068-3755 ISSNNe 1934-8002. (Cat. )

- Some Problems in Simulation of the Thermodynamic Properties of Droplets
56. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 3(55), 293-286. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Characteristics of Multistage Electrohydrodynamic Converters
57. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 3(55), 348-342. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Photosensitivity Selectivity of Cadmium Sulfide Films during Electrochemical Growth
58. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 2(55), 156-150. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Characterization of Interdigital Electrode Sensors
59. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 2(55), 231-225. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Electrical Processing of Whey. Role of Construction, Technological and Energy Characteristics of Reactors
60. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 2(55), 209-197. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Electrodeposition of Nanocrystalline Fe—W Coatings from a Citrate Bath
61. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 2(55), 129-119. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Macroscopic Size Effect on the Microhardness of Electroplated Iron Group Metal—Tungsten Alloy Coatings: Impact of Electrode Potential and Oxygen-Containing Impurities
62. . *Surface Engineering and Applied Electrochemistry*. 2019, nr. 1(55), 52-46. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )

## 2018

- Physical Peculiarities of Corona-Discharge Motors
63. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 6(54), 592-585. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Kinetics of Antioxidant Activity of  $\alpha$ -Tocopherol and Some of Its Homologues: Part 1. Review: Theoretical Model
64. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 5(54), 497-481. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Reversible Polarization Recording in  $\text{As}_2\text{S}_3$ -Se Multilayer Nanostructures
65. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 4(54), 414-407. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Erratum to: Thermoelectric Properties and Surface States in the Layers of  $\text{Bi}_2\text{Te}_3$  Topological Insulators (*Surface Engineering and Applied Electrochemistry*, (2018), 54, 3, (273-278), 10.3103/S1068375518030092)
66. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 4(54), 435-435. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Variable-Range Hopping Conduction in the Kesterite and Wurtzstannite  $\text{Cu}_2\text{ZnGeS}_4$  Single Crystals
67. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 3(54), 285-279. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Thermoelectric Properties and Surface States in the Layers of  $\text{Bi}_2\text{Te}_3$  Topological Insulators
68. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 3(54), 278-273. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )
- Relaxation of Output Characteristics of Electrohydrodynamic Pumps
69. . *Surface Engineering and Applied Electrochemistry*. 2018, nr. 2(54), 173-168. ISSN 1068-3755 ISSNc 1934-8002. (Cat. )

## 2017

- Nonlinear dynamics of electron localization in four-center linear and cyclic type clusters in an external electric field
70. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 3(53), 257-250. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Installations for producing electrospark erosion- and abrasion-resistant coatings on the blades of steam turbines of thermal and nuclear power plants
71. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 3(53), 284-274. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Selection and evaluation of technologies for the transfer to the industry
72. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 3(53), 220-217. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- On the possibility of using the Cahn-Hilliard model to describe electrodeposition of nanostructures
73. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 2(53), 136-124. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Magnetotransport of  $\text{Cu}_2\text{ZnSnS}_4$  single crystals in two regimes of variable-range hopping conduction
74. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 2(53), 195-186. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Synthesis and characterization of photosensible  $\text{CH}_3\text{NH}_3\text{PbI}_3$  and  $\text{CH}_3\text{NH}_3\text{PbI}_{3-x}\text{Cl}_x$  perovskite crystalline films
75. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 19-15. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Dependence of magnetic properties of micro- and nanowires on stress and magnetic heat treatment
76. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 88-77. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Modification of biomass production and biochemical composition of *Saccharomyces cerevisiae* CNMN-Y-18 and *Saccharomyces cerevisiae* CNMN-Y-20 yeasts under the action of extremely high frequency electromagnetic radiation
77. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 76-71. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Heat transfer of an evaporator-condensing system with electrohydrodynamic coolant circulation and different spatial orientation
78. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 41-34. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Electrodeposition of alloys of the iron group metals with tungsten from citrate and gluconate solutions: Size effect of microhardness
79. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 14-7. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Myoclonic atonic epilepsy or Doose syndrome in children (case report)
80. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 75-75. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Neurological manifestations in children with SARS-COV-2 infection
81. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 77-77. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Particularities in the treatment of Dravet syndrome: analysis of clinical studies
82. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 79-79. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Benefits of therapeutic hypothermia in neonates with hypoxic-ischemic encephalopathy
83. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 81-81. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)

West syndrome: clinical and paraclinical features

84. . *Surface Engineering and Applied Electrochemistry*. 2017, nr. 1(53), 83-83. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)

## 2016

- Magnetic properties of microwires and filiform nanostructures with elongated magnetic inclusions
85. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 6(52), 508-499. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Effects of annealing on elemental composition and quality of CZTSSe thin films obtained by spray pyrolysis
86. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 6(52), 514-509. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Direct surface relief formation in nanomultilayers based on chalcogenide glasses: A review
87. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 5(52), 468-456. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Gel-chromatographic separation of boron-gluconate electrolyte for obtaining nanocrystalline Co-W coatings: Composition and electrochemical activity of components. Part II
88. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 5(52), 426-420. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Investigation of structural features of As<sub>2</sub>S<sub>3</sub>-Se multilayer nanostructure by Raman spectroscopy
89. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 4(52), 386-380. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Gel-chromatographic separation of boron-gluconate electrolyte for obtaining nano-crystalline Co-W coatings: Composition and electrochemical activity of components. Part I.
90. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 4(52), 355-350. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Mechanical properties of the coating/substrate composite system: Nanostructured copper films on a LiF substrate
91. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 4(52), 333-319. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Fluorine sorption by aluminosilicate-modified diatomite from highly concentrated fluorine solutions: 1. Adsorption equilibrium
92. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 3(52), 311-300. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Ultrasound-assisted extraction of biologically active substances from tomato seeds
93. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 3(52), 275-270. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Mechanical properties of polycrystalline copper and single-crystal LiF initial components for composite system Cu/LiF
94. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 3(52), 241-233. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Photovoltaic structures ITO/SiOx/n-Si of increased efficiency
95. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 3(52), 288-284. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- On size effect of rate of corrosion of copper nanowire ensemble: Part 2. Size effect of rate of corrosion of copper in pyrophosphate solution
96. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 2(52), 144-140. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)

- Changes in composition and properties of tool electrode during electrospark alloying with Al-Sn alloy
97. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 2(52), 161-157. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- On temperature dependence of the parameters of corona discharge current-voltage characteristics
98. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 1(52), 91-85. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Lifshitz topological impurity transitions in bismuth wires doped with acceptor and donor impurities
99. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 1(52), 109-99. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Aluminum alloys anodisation for nanotemplates application
100. . *Surface Engineering and Applied Electrochemistry*. 2016, nr. 1(52), 7-1. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)

## 2015

- Photocatalytic properties of TiO<sub>2</sub> nanotubes doped with Ag, Au and Pt or covered by Ag, Au and Pt nanodots
101. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. , 8-3. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Effect of negative magnetoresistance in a transverse magnetic field in quantum Bi wires
102. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. , 53-46. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- E-commerce consumer's personal data protection
103. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. , 176-172. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Effect of structural and morphological features of a nanocarbon component on electrophysical properties of fluoroplastic composite materials
104. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. 6, 516-509. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Dependence of corona-discharge characteristics on pressure
105. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. 5, 461-456. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- A corona-discharge dipole engine
106. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. , 405-401. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Partial generalizations of the current-voltage characteristics of corona discharge in gases
107. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. , 259-253. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
- Investigation of tribological properties of carbide coatings deposited by electrospark at piezoelectric tribocontact
108. . *Surface Engineering and Applied Electrochemistry*. 2015, nr. 2, 132-125. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)

## 2014

- Technology of Dimensional Laser Processing of Intractable Materials. *Surface Engineering and Applied Electrochemistry*. 2014, nr. 1(50), 8-1. ISSN 1068-3755 ISSNe 1934-8002. (Fără categorie)
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