

Krzysztof Mech

Lista publikacji z dnia 31 października 2014

Publikacje w czasopismach

1. R. Kowalik, D. Kutyla, K. Mech, P. Żabiński, M. Wróbel, T. Tokarski, 2015, **Electrochemical deposition of Mo-Se thin films**, ECS Transactions, 64(29): 23-32
2. K. Mech, P. Żabiński, R. Kowalik, 2014, **Analysis of rhodium electrodeposition from chloride solutions**, Journal of the Electrochemical Society 161(9): D458-D461
3. K. Mech, G. Boczkal, P. Pałka, P. Żabiński, R. Kowalik, 2014, **Synthesis of Co-Pd alloys by co-electroreduction of aquachloro- cobalt(II) and palladium(II) complexes**, Journal of Solid State Electrochemistry 18(11): 3121-3127
4. K. Mech, P. Żabiński, R. Kowalik, M. Wojnicki, 2014, **Electrodeposition of Co-Rh alloys from aqueous chloride solutions**, Surface and Coatings Technology 258: 72-77
5. P. Żabiński, A. Sokół, K. Mech, T. Tokarski, R. Kowalik, 2014, **Magnetic field effect on properties of galvanostatically deposited Co-Pd alloys**, Magnetohydrodynamics 50(1): 75-81
6. K. Mech, P. Żabiński, R. Kowalik, T. Tokarski, K. Fitzner, 2014, **Electrochemical deposition of Co – Pd alloys from ammonia solutions and their catalytic activity for hydrogen evolution reaction**, Journal of Applied Electrochemistry 44(1): 97-103
7. K. Mech, P. Żabiński, R. Kowalik, K. Fitzner, 2013, **Kinetics and mechanism of $[PdCl_x(H_2O)_{4-x}]^{2-x}$ ($x = 3, 4$) complexes electro-reduction**, Journal of Electrochemical Society 160 (10): H770-H774
8. K. Mech, P. Żabiński, R. Kowalik, 2013, **Co-reduction of electrochemically active $[Co(H_2O)_6]^{2+}$ and $[CoCl(H_2O)_5]^+$ complexes onto gold electrode**, Journal of the Electrochemical Society 160 (6): D246-D250
9. R. Kowalik, P. Żabiński, K. Mech, 2013, **Electrochemical studies of Cd UPD on polycrystalline silver**, Electrochemistry Communications 31: 49-51
10. K. Mech, P. Żabiński, R. Kowalik, K. Fitzner, 2013, **Analysis of Co-Pd alloys deposition from electrolytes based on $[Co(NH_3)_6]^{3+}$ and $[Pd(NH_3)_4]^{2+}$ complexes**, Electrochimica Acta 104: 468-473
11. K. Mech, P. Żabiński, K. Mucha, R. Kowalik, 2013, **Electrodeposition of catalytically active Ni – Mo alloys**, Archives of Metallurgy and Materials 58(1): 227-229
12. K. Mech, P. Żabiński, R. Kowalik, 2013, **Stopy Co-Mo, Co-Mo-C osadzone w polu magnetycznym o prostopadłej orientacji względem elektrody**, Inżynieria materiałowa 1: 34-37
13. P. Żabiński, K. Mech, R. Kowalik, 2013, **Electrocatalytically active Co-W and Co-W-C alloys deposited in magnetic field**, Electrochimica Acta 104: 542-548,
14. K. Mech, P. Żabiński, R. Kowalik, K. Fitzner, 2012, **Voltammetric study of tetraamminepalladium(II) electro-reduction onto gold electrode**, Journal of Electroanalytical Chemistry 685: 15-20

15. P. Żabiński, K. Mech, R. Kowalik, 2012, **Hydrogen evolution on binary and ternary cobalt alloys deposited with superimposed magnetic field**, *Journal of Iron and Steel Research, International* 19: 1152-1157
16. K. Mech, P. Żabiński, R. Kowalik, K. Fitzner, 2012, **EQCM, SEC and voltammetric study of kinetics and mechanism of hexaamminecobalt(III) electro-reduction onto gold electrode**, *Electrochimica Acta* 81: 254-259
17. M. Duda, R. Kowalik, K. Mech, P. Żabiński, 2012, **Elektrochemiczne osadzanie CdS z roztworów kwaśnych**, *Rudy i Metale Nieżelazne* 57(9): 586-591
18. P. R. Żabiński, K. Mech, R. Kowalik, 2012, **Co-Mo and Co-Mo-C alloys deposited in a magnetic field of high intensity and their electrocatalytic properties**, *Archives of Metallurgy and Materials* 57 (1): 127-133
19. K. Mech, R. Kowalik, P. Żabiński, 2011, **Cu thin films deposited by DC magnetron sputtering for contact surfaces on electronic components**, *Archives of Metallurgy and Materials* 56(4): 903-908
20. K. Mech, R. Kowalik, P. Żabiński, 2011, **Właściwości elektrokatalityczne stopów Co-Mo-C otrzymanych na drodze elektrolizy w polu magnetycznym**, *Rudy i Metale Nieżelazne* 56(9): 469-473
21. K. Mech, P.R. Żabiński, R. Kowalik, 2011, **Stopy Co-Mo o niskim nad napięciu wydzielania wodoru osadzone elektrolitycznie w polu magnetycznym**, *Rudy i Metale Nieżelazne* 56(6): 329-332
22. K. Mech, R. Kowalik, K. Fitzner, 2011, **Electrochemical synthesis of tetragonal SnO₂ phase**, *Archives of Metallurgy and Materials* 56(3): 659-663