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Wydział Odlewnictwa

Katedra Chemii i Korozji Metali

1. *The preliminary studies on the microstructure and corrosion resistance of high entropy alloys* / Z. SZKLARZ, Ł. Rogal, P. Bobrowski // W: *ICCME 2019 [Dokument elektroniczny]* : II International Conference of Casting and Materials Engineering : materials and technologies for automotive industry : 8th November 2019, Krakow : book of abstracts / Wydział Odlewnictwa [AGH]. — Wersja do Windows. — Dane tekstowe. — [Krakow : Wydział Odlewnictwa AGH], [2019]. — Dysk Flash. — S. 47. — *Wymagania systemowe*: Adobe Reader
2. *Corrosion behaviour of Fe – Cr – Si alloys with different of silicon content in NaCl water solution* / G. PALUMBO, Z. SZKLARZ, B. KALANDYK, M. KAWALEC, M. STAROWICZ // W: *ICCME 2019 [Dokument elektroniczny]* : II International Conference of Casting and Materials Engineering : materials and technologies for automotive industry : 8th November 2019, Krakow : book of abstracts / Wydział Odlewnictwa [AGH]. — Wersja do Windows. — Dane tekstowe. — [Krakow : Wydział Odlewnictwa AGH], [2019]. — Dysk Flash. — S. 33. — *Wymagania systemowe*: Adobe Reader
3. *The electrochemical behavior in FeNiCoCrMn high entropy alloy matrix nanocomposite with addition of Al₂O₃ and SiC* / Zbigniew SZKLARZ, Łukasz Rogal // W: *7th Kurt-Schwabe-Symposium* : 4–7 September 2016, Mittweida, Germany : book of abstracts. — [Germany : s. n.], [2016]. — S. 98
4. *Electrochemical behavior in chlorides of the T6 heat treated ZE41A magnesium alloy thixo-cast* / Zbigniew SZKLARZ, Magdalena BISZTYGA, Halina KRAWIEC, Łukasz Rogal // W: *7th Kurt-Schwabe-Symposium* : 4–7 September 2016, Mittweida, Germany : book of abstracts. — [Germany : s. n.], [2016]. — S. 79
5. *The use of electrochemical and non-electrochemical techniques at the micro- and nano-scale to study the corrosion behaviour of AlCu4Mg1 as-cast aluminium alloys under straining conditions* / V. Vignal, H. KRAWIEC, Z. SZKLARZ // W: *EMCR 2015* : 11th international symposium on Electrochemical Methods in Corrosion Research : May 24–29, 2015, Tróia, Portugal : programme and book of abstracts. — [Portugal : Sociedade Portuguesa de Materiais], [2015]. — S. 119
6. *The influence of cooling rate on corrosion and passivation properties of as-cast AlCu4Mg1 and AlMg2 aluminium alloys in sodium chloride and sodium sulfate solutions* / Z. SZKLARZ, H. KRAWIEC // W: *EMCR 2015* : 11th international symposium on Electrochemical Methods in Corrosion Research : May 24–29, 2015, Tróia, Portugal : programme and book of abstracts. — [Portugal : Sociedade Portuguesa de Materiais], [2015]. — S. 111
7. *The effect of cooling rate on electrochemical behaviour of 2017 aluminium alloy : [abstract]* / Zbigniew SZKLARZ, Halina KRAWIEC, Łukasz Rogal // W: *17th French-Polish seminar on reactivity of solids* : June 29–July 1st, 2015, Dijon, France. — [Dijon : s. n.], [2015]. — S. [1]
8. *Effect of the crystallographic orientation of grains and mechanical stress on the corrosion resistance of pure aluminum in sodium chloride solution* / Halina KRAWIEC, Zbigniew SZKLARZ // W: *EUROCORR 2015 [Dokument elektroniczny]* : earth, water, fire, air, corrosion happens everywhere! : European Corrosion Congress : 6–10 September 2015, Graz, Austria. — Wersja do Windows. — Dane tekstowe. — [Austria : s. n.], [2015]. — Dysk Flash. — S. [1]. — *Wymagania systemowe*: Adobe Reader
9. *Coupling of EBSD measurements and microcapillaries technique to study the influence of crystallographic grains orientation on electrochemical behaviour of Al and AlMg2* / H. KRAWIEC,

- Z. SZKLARZ // W: ISSIS 2015 : 4th International Symposium on Surface Imaging/spectroscopy at the Solid/liquid interface : September 2nd – 4th, 2015, Kraków, Poland : book of abstracts / ed. G. Mordarski. — Kraków : Polish Academy of Sciences, 2015. — ISBN: 978-83-60514-23-8. — S. 49. — Bibliogr. s. 49
10. Combining the electrochemical microcell technique and the electron backscatter diffraction method to study the electrochemical behaviour of polycrystalline aluminium in sodium chloride solution / H. KRAWIEC, Z. SZKLARZ // W: EMCR 2015 : 11th international symposium on Electrochemical Methods in Corrosion Research : May 24–29, 2015, Tróia, Portugal : programme and book of abstracts. — [Portugal : Sociedade Portuguesa de Materiais], [2015]. — S. 10
 11. The influence of crystallographic orientation of grains and the plastic deformation on electrochemical behavior of pure aluminum in sodium chloride solution / SZKLARZ Zbigniew, KRAWIEC Halina, WRÓBEL Mirosław // W: Corrosion 2014 : international scientific conference : 18–21 November 2014, Gliwice, Poland : book of abstracts / ed. by Artur Maciej. — [Gliwice : s. n.], 2014. — Opis częsci. wg. okł.. — S. 66
 12. Influence of plastic deformation on the electrochemical behaviour of AlMg2 and AlCu₄Mg1 as-cast aluminium alloys in NaCl solution / Vignal Vincent, KRAWIEC Halina, SZKLARZ Zbigniew // W: Corrosion 2014 : international scientific conference : 18–21 November 2014, Gliwice, Poland : book of abstracts / ed. by Artur Maciej. — [Gliwice : s. n.], 2014. — Opis częsci. wg. okł.. — S. 65
 13. The influence of crystallographic orientation of grains on corrosion behavior of aluminium in sodium chloride solution / Z. SZKLARZ, M. WRÓBEL, H. KRAWIEC // W: 6th Kurt Schwabe Symposium : Surface analysis and material engineering in corrosion science and electrochemical technologies : Cracow, Poland, 16–19th September 2013 : symposium abstracts / ed. Jacek Banaś, Paweł Kulesza, Lidia Adamczyk. — [Kraków : s. n.], [2013] + CD. — 358th Event of European Federation of Corrosion (EFC). — S. 83
 14. Corrosion behaviour of AlMg as-cast aluminium alloy under straining condition studied using microcapillary technique and strain microgauges / Halina KRAWIEC, Zbigniew SZKLARZ, Vincent Vignal // W: EUROCORR 2013 [Dokument elektroniczny] : for a blue sky : European Corrosion Congress : the annual event of the European Federation of Corrosion : 1–5 September, Estoril, Portugal. — Wersja do windows. — Dane tekstowe. — [Portugal : s. n.], [2013]. — 1 dysk optyczny. — Na CD dod.: event nr 343. — S. [1]. — **Wymagania systemowe:** Adobe Reader ; napęd CD-ROM
 15. Influence of plastic deformation on the local electrochemical behavior of as-cast AlMg2 aluminium alloy / Z. SZKLARZ, H. KRAWIEC, V. Vignal // W: Passivity 10 [Dokument elektroniczny] : 10th international symposium on the Passivation of metals and semi-conductors and the properties of thin oxide layers : Florianopolis, Brazil, April 10–14, 2011 : abstracts. — Wersja do Windows. — Dane tekstowe. — [Brazil : s. n.], [2011]. — 1 dysk optyczny. — Opis częsci. wg CD-ROMu. — S. [1]. — **Wymagania systemowe:** Adobe Acrobat Reader ; napęd CD-ROM. — Tytuł przejęto z ekranu tyt. (po wybraniu opcji: Growth and characterization)
 16. Role of plastic defomation in the local electrochemical behaviour of AS-cast AlMg₂ alloy in 0.1M NaCl and 0.1M Na₂SO₄ / Z. SZKLARZ, H. KRAWIEC, V. Vignal // W: EMNT 2010 [Dokument elektroniczny] : 21–24 September 2010 Mandelieu la Napoule : abstracts. — Wersja do Windows. — Dane tekstowe. — [S.l. : s. n.], [2010]. — 1 dysk optyczny. — S. [1]. — **Wymagania systemowe:** Adobe Acrobat Reader ; napęd CD-ROM
 17. Influence of mechanical deformation on local electrochemical behaviour of as-cast AlMg2 alloy in 0.1M NaCl and 0.1M Na₂SO₄ / Zbigniew SZKLARZ, Halina KRAWIEC, Vincent Vignal // W: "Advances in chemical and mechanical engineering" : 13th international symposium of students and young mechanical engineers : Gdańsk, 20th–22nd May 2010 / Gdańsk University of Technology. Faculty of Mechanical Engineering. Chemical Faculty, [etc.]. — Gdańsk : Faculty of Mechanical Engineering. Gdańsk University of Technology, 2010. — ISBN: 978-83-88579-42-4. — S. 354–362. — Bibliogr. s. 361–362, Abstr.
 18. Microstructural corrosion of AlCu₄Mg1 and AlMg2 as-cast aluminium alloy under straining conditions / H. KRAWIEC, V. Vignal, Z. SZKLARZ // W: Vienna [Dokument elektroniczny] :

216th ECS Meeting : Vienna, Austria, October 4–9, 2009 / The Electrochemical Society. — Wersja do Windows. — Dane tekstowe. — Pennington : ECS, cop. 2009. — 1 dysk optyczny. — (*Meeting Abstracts* ; ISSN 1091-8213 ; MA 2009-2). — S. [1]. — **Wymagania systemowe:** Adobe Acrobat Reader ; napęd CD-ROM. — Bibliogr. s. [1]