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Pozícia na projekte	Vedecko-výskumný pracovník
Vedecké identifikátory	WoS (Researcher ID): N-2250-2016, Scopus (AuthorID): 16022868800, ORCID: 0000-0002-6259-5711
Vedecké zameranie	Charakterizácia zliatin s viacerými základnými prvkami a štúdium ich štruktúry, termodynamické stability a iných fyzikálno-chemických vlastností
Publikačná činnosť s ohlasmí (aktuálne k 31.10.2022)	
V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka	
V2_01	ČERNÍČKOVÁ, Ivona - ĎURIŠKA, Libor - MIHALKOVIČ, Marek - ŠVEC, Peter, Sr. - ŠVEC, Peter - PRIPUTEN, Pavol - DRIENOVSKÝ, Marián - JANOVEC, Jozef. Štruktúrne komplexné intermetalické fázy v systéme Al-Pd-Co. In <i>ChemZi</i> . Roč. 17, č. 1 (2021), s. 88. ISSN 1336-7242. Typ výstupu: abstrakt z podujatia; Výstup: domáci; Kategória publikácie do 2021: AFH
V2_02	PALCUT, Marián - PRIPUTEN, Pavol - CZÉRE, Imrich - DVORŠTIÁKOVÁ, Karolína - GERHÁTOVÁ, Žaneta - SAHUL, Martin. Mikroštruktúra, fázové zloženie a elektrochemická aktivita vysokoentropických zliatin. In <i>ChemZi</i> . Roč. 17, č. 1 (2021), s. 92. ISSN 1336-7242. Typ výstupu: abstrakt z podujatia; Výstup: domáci; Kategória publikácie do 2021: AFH
V3 Vedecký výstup publikačnej činnosti z časopisu	
V3_01	ALEKSEJEV, P.A. - FLACHBART, K. - GABANI, S. - LAZUKOV, V.N. - PRIPUTEN, Pavol - REIFFERS, Marián - SEBEK, J. - SANTAVA, E - DUKHNENKO, A.V. - FILIPPOV, A.V. - SHITSEVALOVA, N. Specific features of the formation of the ground state in PrB6. In <i>Physics of the Solid State</i> . Vol. 52, Iss. 5 (2010), s.914-916. ISSN 1063-7834 (2010: 0.711 - IF, Q4 - JCR Best Q, 0.242 - SJR, Q3 - SJR Best Q). V databáze: WOS ; SCOPUS. Kategória publikácie do 2021: ADC
V3_02	ČERNÍČKOVÁ, Ivona - PRIPUTEN, Pavol - LIU, TianYing - ZEMANOVÁ, A. - ILLEKOVÁ, Emília - JANIČKOVIČ, Dušan - ŠVEC, P. - KUSÝ, Martin - ČAPLOVIČ, Ľubomír - JANOVEC, Jozef. Evolution of phases in Al-Pd-Co alloys. In <i>Intermetallics</i> . Vol. 19, Iss. 10 (2011), s.1586-1593. ISSN 0966-9795 (2011: 1.649 - IF, Q1 - JCR Best Q, 1.121 - SJR, Q1 - SJR Best Q). V databáze: WOS ; SCOPUS. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] HOMOLOVÁ, Viera - KROUPA, Aleš. Thermodynamic modeling of the al-co-pd ternary system, aluminum rich corner. In <i>Metals</i> , 2021, 11, 11, pp., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný
V3_03	ČERNÍČKOVÁ, Ivona - ROŠČÁK, Lukáš - ALI, F. - KUSÝ, Martin - SCUDINO, S. - ČIČKA, Roman - DRIENOVSKÝ, Marián - PRIPUTEN, Pavol - JANOVEC, Jozef. Influence of technological parameters on evolution of phases in Al-CMA composites prepared by powder metallurgy. In <i>Kovové materiály. Metallic materials</i> . Vol. 50, Iss. 5 (2012), s.327-334. ISSN 0023-432X (2012: 0.687 - IF, Q2 - JCR Best Q, 0.340 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; WOS. Kategória publikácie do 2021: ADD
V3_04	ČERNÍČKOVÁ, Ivona - ŠVEC, Pavel - WATANABE, S. - ČAPLOVIČ, Ľubomír - MIHALKOVIČ, M. - KOLESÁR, Vladimír - PRIPUTEN, Pavol - BEDNARČÍK, J. - JANIČKOVIČ, Dušan - JANOVEC, Jozef. Fine structure of phases of epsilon-family in Al73.8Pd11.9Co14.3 alloy. In <i>Journal of Alloys and Compounds</i> . Vol. 609 (2014), s. 73-79. ISSN 0925-8388 (2014: 2.999 - IF, Q1 - JCR Best Q, 1.117 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; WOS. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] HE, Zhanbing - Wei, Dongxia - Shen, Xi - Chen, Yuan - Ma, Haikun - Wang, Leilei - Du, Kui - Yao, Yuan - Yu, Richeng. Approximants of Al-Cr-Fe-Si decagonal quasicrystals described by single structural block. In <i>Journal of Alloys and Compounds</i> , 2015, 647, pp. 797-801. ISSN 0925-8388., Registrované v: CC, WOS, SCOPUS Ohlas: zahraničný 2. [1] WANG, J. - ZHANG, B. - HE, Z. B. - WU, B. - MA, X. L. Atomic-scale mapping of twins and relevant defective structures in Al ₁₂ Fe ₂₀ Co ₁₂ Al ₃ decagonal approximant. In <i>Philosophical Magazine</i> , 2016, 96, 23, pp. 2457-2467. ISSN 1478-6435., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 3. [1] HE, Zhanbing - LI, Hua - MA, Haikun - MA, Xiuliang. Hexagonal structural block consisting of 2 nm decagonal clusters in Al ₆₀ Cr ₂₀ Fe ₁₀ Si ₁₀ alloy. In <i>Journal of Alloys and Compounds</i> , 2019, pp. 685-689. ISSN 09258388., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 4. [1] HOMOLOVÁ, Viera - KROUPA, Aleš. Thermodynamic modeling of the al-co-pd ternary system, aluminum rich corner. In <i>Metals</i> , 2021, 11, 11, pp., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný
V3_05	ČERNÍČKOVÁ, Ivona - ĎURIŠKA, Libor - PRIPUTEN, Pavol - JANIČKOVIČ, Dušan - JANOVEC, Jozef. Isothermal Section of the Al-Pd-Co Phase Diagram at 850 A degrees C Delimited by Homogeneity Ranges of Phases Epsilon, U, and F. In <i>Journal of Phase Equilibria and Diffusion</i> . Vol. 37, iss. 3 (2016), s. 301-307. ISSN 1547-7037 (2016: 0.938 - IF, Q3 - JCR Best Q, 0.472 - SJR, Q2 - SJR Best Q). V databáze: WOS: WOS:000376112300006 ; SCOPUS ; CC: CCC:000376112300006 ; DOI: DOI:

	<p>10.1007/s11669-016-0456-0. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] HOMOLOVÁ, Viera - KROUPA, Aleš. Thermodynamic modeling of the al-co-pd ternary system, aluminum rich corner. In <i>Metals</i>, 2021, 11, 11, pp., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný</p>
V3_06	<p>ČERNIČKOVÁ, Ivona - ĎURIŠKA, Libor - ŠVEC, Peter - ŠVEC, Peter, Sr. - MIHALKOVIČ, Marek - PRIPUTEN, Pavol - ŠULHÁNEK, Patrik - JANOVEC, Jozef. Contribution to Al-Pd-Co system: Structural studies of epsilon phase and proposal of partial isothermal section at 1035 °C. In <i>Journal of Alloys and Compounds</i>. Vol. 896, (2022), s. 1-12. ISSN 0925-8388 (2021: 6.371 - IF, Q1 - JCR Best Q, 1.027 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1016/j.jallcom.2021.162898 ; SCOPUS: 2-s2.0-85120870293 ; WOS: 000750027500002 ; CC: 000750027500002. Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC</p>
V3_07	<p>DRIENOVSKÝ, Marián - RÍZEKOVÁ TRNKOVÁ, Lýdia - ČIČKA, Roman - PRIPUTEN, Pavol - PEKARČÍKOVÁ, Marcela - JANOVEC, Jozef. The effect of increased Cu content on microstructure and melting of utilized Sn-0.3Ag-0.7Cu solder. In <i>Vedecké práce MTF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava</i>. Vol. 26, no. 43 (2018), s. 33-44. ISSN 1336-1589. V databáze: INSPEC ; DOI: 10.2478/rput-2018-0028. Kategória publikácie do 2021: ADF</p>
V3_08	<p>DRIENOVSKÝ, Marián - PALCUT, Marián - PRIPUTEN, Pavol - CUNINKOVÁ, Eva - BOŠÁK, Ondrej - KUBLIHA, Marian - RÍZEKOVÁ TRNKOVÁ, Lýdia. Properties of Sn-Ag-Cu Solder Joints Prepared by Induction Heating. In <i>Advances in Materials Science and Engineering</i>. Vol. 2020, (2020), s. 1-9. ISSN 1687-8434 (2020: 1.726 - IF, Q4 - JCR Best Q, 0.356 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1155/2020/1724095 ; WOS: 000522448200003 ; CC: 000522448200003 ; SCOPUS: 2-s2.0-85082701008. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] HAMMAD, A. E. - RAGAB, M. Achieving microstructure refinement and superior mechanical performance of Sn-2.0Ag-0.5Cu-2.0Zn (SACZ) solder alloy with rotary magnetic field. In <i>Microelectronics Reliability</i>, 2020, 113, pp. ISSN 00262714., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 2. [1] GUO, Bingfeng. In-situ study the morphology, growth kinetics and mechanism of Cu6Sn5 at the SnAgCu/Cu soldering interfaces during the cooling stage. In 21st International conference on electronic packaging technology (ICEPT). Piscataway : IEEE, 2020., Registrované v: SCOPUS, WOS Ohlas: zahraničný 3. [1] JATTAKUL, Prajak - MADSA, Tavee - SUNASUAN, Piyawan - MOOKAM, Niwat. Influence of cooling conditions on microstructure and mechanical property of Sn-0.3Ag-0.7Cu lead-free solder. In <i>Journal of Metals, Materials and Minerals</i>. Vol. 31, no. 2 (2021), s. 129-136. ISSN 0857-6149 (2019), Registrované v: WOS, SCOPUS Ohlas: zahraničný 4. [1] HAMMAD, A. E. - EL-MOLLA, Sara - EL-REHIM, A. F. Abd - RAGAB, M. Progress on microstructure features and creep properties of prospective Tin-Silver-Zinc alloy using a magnetic field. In <i>MATERIALS RESEARCH EXPRESS</i>, 2021, vol. 8, no. 8, pp., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 5. [2] GAMA, Renann P. - SANTOS, Ramon O. B. - ROSA, Adriano C. M. - ROSA, Any M. - SILVA, Bruno S. G. - AMORIM, William G. Replacement analysis of ceramic insert by CBN insert in vertical lathe. In <i>Global Journal of Engineering and Technology Advances</i>. Vol. 11, iss. 1 (2022), s. 58-71. ISSN 2582-5003. Ohlas: zahraničný 6. [1] SHEN, Yu-An - WU, John A. Effect of Sn Grain Orientation on Reliability Issues of Sn-Rich Solder Joints. In: <i>MATERIALS</i>, 2022, vol. 15, no. 14, pp., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný</p>
V3_09	<p>ĎURIŠKA, Libor - PALCUT, Marián - ŠPOTÁK, Martin - ČERNIČKOVÁ, Ivona - GONDEK, Ján - PRIPUTEN, Pavol - ČIČKA, Roman - JANIČKOVIČ, Dušan - JANOVEC, Jozef. Microstructure, Phase Occurrence and Corrosion behavior of As-Solidified and As-Annealed Al-Pd alloys. In <i>Journal of Materials Engineering and Performance</i>. Vol. 27, iss. 4 (2018), s. 1601-1613. ISSN 1059-9495 (2018: 1.476 - IF, Q3 - JCR Best Q, 0.541 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; WOS ; CC: CCC:000429000000012 ; MLJ. Kategória publikácie do 2021: ADC Ohlasy: 1. [1] SENOUCI, Sabah - SIDOUMOU, Mohamed - LAKHDARI, Zahira - MAHROUA, Ousama - RAHO, Azzeddine Adberrahmane - TRARI, Mohamed. Contribution of the Guinier-Preston zones to the hardening of Al-5%Ag alloy and its photo-electrochemical protection in seawater using n-CdS. In <i>Journal of the Indian Chemical Society</i>, 2022-07-01, 99, 7, pp. ISSN 00194522., Registrované v: SCOPUS Ohlas: zahraničný</p>
V3_10	<p>ĎURIŠKA, Libor - ČERNIČKOVÁ, Ivona - PRIPUTEN, Pavol - JANOVEC, Jozef. Partial Experimental Isothermal Section of Al-Pd-Co Phase Diagram for Al-Rich Corner at 1020°C. In <i>Journal of Phase Equilibria and Diffusion</i>. Vol. 40, iss. 1 (2019), s. 45-52. ISSN 1547-7037 (2019: 1.315 - IF, Q3 - JCR Best Q, 0.529 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1007/s11669-018-0688-2 ; WOS: 000458154000006 ; SCOPUS: 2-s2.0-85055706152 ; CC: 000458154000006. Kategória publikácie do 2021: ADC</p>

Ohlasy:

1. [1] HOMOLOVÁ, Viera - KROUPA, Aleš. Thermodynamic modeling of the Al-Co-Pd ternary system, aluminum rich corner. In *Metals*, 2021, 11, 11, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_11 ĎURIŠKA, Libor - ČERNÍČKOVÁ, Ivona - PRIPUTEN, Pavol - PALCUT, Marián. Aqueous Corrosion of Aluminum-Transition Metal Alloys Composed of Structurally Complex Phases: A Review. In *Materials [elektronický zdroj]*. Vol. 14, iss. 18 (2021), s. 1-29. ISSN 1996-1944 (2021: 3.748 - IF, Q1 - JCR Best Q, 0.604 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/ma14185418 ; SCOPUS: 2-s2.0-85115428991 ; WOS: 000699733600001 ; CC: 000699733600001.

Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] ZHANG, Xinwen - WANG, Ruoyun - LONG, Fei - LI, Xuan - ZHOU, Tong - HU, Wenbin - LIU, Lei. The long-term degradation behavior of the durable superhydrophobic coating on Al matrix. In *Surface and Coatings Technology*, 2022-03-25, 434, pp. ISSN 02578972., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

2. [1] ZHANG, Shuyan - ZHANG, Zhibin - HE, Pengfei - GAO, Yangyang - LIANG, Xiubing. Effect of Co addition on the microstructure, thermal stability and anti-corrosion properties of AlNiZrCo_x high-entropy metallic glass ribbons. In *Journal of Non-Crystalline Solids*, 2022-06-01, 585, pp. ISSN 00223093., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

3. [1] MOHAMMADIAN, Alireza - FARBOD, Mansoor - GHEISARI, Khalil - SHOUSHARI, Morteza Zargar. An innovative procedure for synthesizing Al₇₀M₂₀(Fe,Co)Cr₁₀ amorphous nanoparticles by arc discharge method and investigation of their magnetic, hardness, and corrosion resistance properties. In: *Journal of Alloys and Compounds*, 2022-11-25, 923, pp. ISSN 09258388., Registrované v: SCOPUS, WOS, CC

4. [1] MŁYNAREK-ŻAK, K. - PAKIEŁA, W. - ŁUKOWIEC, D. - BAJOREK, A. - GĘBARA, P. - SZAKÁL, A. - DHIMAN, I. - BABILAS, R. Structure and selected properties of Al-Cr-Fe alloys with the presence of structurally complex alloy phases. In: *Scientific Reports*, 2022-12-01, 12, 1, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_12 KOLESÁR, Vladimír - PRIPUTEN, Pavol - BEDNARČÍK, J. - ČERNÍČKOVÁ, Ivona - SVOBODA, Michal - DRIENOVSKÝ, Marián - JANOVEC, Jozef. Evolution of phases in Al₅₅Ni₃₀Pd₁₅ alloy at temperatures up to 600°C. In *Intermetallics*. Vol. 46 (2014), s. 141-146. ISSN 0966-9795 (2014: 2.131 - IF, Q1 - JCR Best Q, 1.508 - SJR, Q1 - SJR Best Q). V databáze: WOS ; SCOPUS. Kategória publikácie do 2021: ADC

V3_13 LUZAR, Jože - PRIPUTEN, Pavol - DRIENOVSKÝ, Marián - VRTNÍK, Stanislav - KOŽELJ, Primož - JELEN, Andreja - WENCKA, Magdalena - GAČNIK, Darja - MIHOR, Peter - AMBROŽIČ, Bojan - DRAŽIČ, Goran - MEDEN, Anton - DOLINŠEK, Janez. Zero-Magnetostriction Magnetically Soft High-Entropy Alloys in the AlCoFeNiCux (x= 0.6–3.0) System for Supersilent Applications. In *Advanced Materials Interfaces*. Vol. 9, iss. 27 (2022), s. 1-13. ISSN 2196-7350 (2021: 6.389 - IF, Q2 - JCR Best Q, 1.421 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1002/admi.202201535 ; SCOPUS: 2-s2.0-85139095661 ; WOS: 000862071200001.

Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

V3_14 PALCUT, Marián - PRIPUTEN, Pavol - KUSÝ, Martin - JANOVEC, Jozef. Corrosion behaviour of Al-29at%Co alloy in aqueous NaCl. In *Corrosion Science*. Vol. 75 (2013), s.461-466. ISSN 0010-938X (2013: 3.686 - IF, Q1 - JCR Best Q, 1.738 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; WOS.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] WARDE, M. - Herinx, M. - Ledieu, J. - Loli, L. N. Serkovic - Fournee, V. - Gille, P. - Le Moal, S. - Barthes-Labrousse, M.G. Adsorption of O₂ and C₂H_n (n=2, 4, 6) on the Al₉Co₂(001) and o-Al₁₃Co₄(100) complex metallic alloy surfaces. In *APPLIED SURFACE SCIENCE*, 2015, vol. 357, no., pp. 1666-1675. ISSN 0169-4332., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

2. [1] Lekatou, Angeliki - Sfikas, Athanasios K. - Petsa, Christina - Karantzalis, Alexandros E. Al-Co alloys prepared by vacuum Arc melting: Correlating microstructure evolution and aqueous corrosion behavior with Co content. In *Metals*, 2016, 6, 3, ISSN 2075-4701., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

3. [1] WEN, Jing - CUI, Hongzhi - WEI, Na - SONG, Xiaojie - ZHANG, Guosong - WANG, Canming - SONG, Qiang. Effect of phase composition and microstructure on the corrosion resistance of Ni-Al intermetallic compounds. In *JOURNAL OF ALLOYS AND COMPOUNDS*, 2017, vol. 695, no., pp. 2424-2433. ISSN 0925-8388., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

4. [1] ILMAN, M. N. - TRIWIBOWO, N. A. - WAHYUDIANTO, A. - MUSLIH, M. R. Environmentally assisted fatigue behaviour of stress relieved metal inert gas (MIG) AA5083 welds in 3.5% NaCl solution. In *International Journal of Fatigue*, 2017, 100, pp. 285-295. ISSN 0142-1123., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

5. [2] BAKOULIS, G. - LEKATOU, A. - POULIA, A. - SFIKAS, A. - LENTZARIS, K. - KARANTZALIS, A. E. Al- (Al₉Co₂, Al₁₃Co₄) powder metallurgy processed composite materials: analysis of microstructure, sliding wear and aqueous corrosion. In *Material Science and Engineering with Advanced Research. Special issue (2017)*, s. 53-60. ISSN 2059-4496.

Ohlas: zahraničný

6. [1] DEBILI, Mohamed Yacine - SASSANE, Nacira - BOUKHRIS, Noureddine. Structure and corrosion behavior of Al-Co-Ti alloy system. In *ANTI-CORROSION METHODS AND MATERIALS*, 2017, vol. 64, no. 4, pp. 443-451. ISSN

0003-5599., Registrované v: SCOPUS, SCOPUS, WOS

Ohlas: zahraničný

7. [1] LEKATOU, A. G. - SFIKAS, A. K. - KARANTZALIS, A. E. The influence of the fabrication route on the microstructure and surface degradation properties of Al reinforced by Al₁₃Co₁₃/inf. In *Materials Chemistry and Physics*, 2017, 200, pp. 33-49. ISSN 0254-0584., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

8. [1] YANG, B. C. - CHAI, Y. J. - YANG, F. L. - ZHANG, Q. - LIU, H. - WANG, N. Hydrogen generation by aluminum-water reaction in acidic and alkaline media and its reaction dynamics. In *International Journal of Energy Research*, 2018, 42, 4, pp. 1594-1602. ISSN 0363-907X., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

9. [1] HASAN, Mahadi - ZHAO, Jingwei - HUANG, Zhenyi - CHANG, Li - ZHOU, Haoruo - JIANG, Zhengyi. Analysis of sintering and bonding of ultrafine WC powder and stainless steel by hot compaction diffusion bonding. In *Fusion Engineering and Design*, 2018, 133, pp. 39-50. ISSN 0920-3796., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

10. [1] CAO JIANGDONG - GONG SHAOJUN - ZHONG CHONGGUI - YAO YANBIN. High Temperature Oxidation Behavior of Co-Cr-Y₂O₃ Modified Aluminide Coatings on Ni-based Superalloy by Pack Cementation Process. In *RARE METAL MATERIALS AND ENGINEERING*, 2018, vol. 47, no. 12, pp. 3616-3623. ISSN 1002-185X., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

11. [1] SASSANE, N. - DEBILI, M. Y. - BOUKHRIS, N. E. Structural characterization of a ternary Al-Co-Ti alloy system. In *Journal of Advanced Microscopy Research*, 2018, 13, pp. 409-416. ISSN 21567573., Registrované v: SCOPUS

Ohlas: zahraničný

12. [1] ZENG, Diping - LIU, Zhiyi - BAI, Song - WANG, Jian. Influence of Sealing Treatment on the Corrosion Resistance of PEO Coated Al-Zn-Mg-Cu Alloy in Various Environments. In *Coatings*, 2019, 9, 12, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

13. [2] SFIKAS, Athanasios K. - LEKATOU, Angeliki G. Electrochemical behavior of Al-Al₉Co₂ alloys in sulfuric acid. In *Corrosion and materials degradation*. Vol. 1, iss. 2 (2020), s. 249-272. ISSN 2624-5558.

Ohlas: zahraničný

14. [1] CHEN, Xiong - XIA, Yanming - ZHUANG, Fang - LIU, Zhao - GAO, Zhiming. Effect Of Mercury(Ii) Ions On The Corrosion Resistance Of Aluminium Alloy Coatings In 3.5% Wt. Nacl Solution. In *International Journal of Electrochemical Science*, 2021, 16, pp. 1-13., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

15. [1] LEKATOU, A. G. - SFIKAS, A. K. - SIOULAS, D. - KANDERAKIS, A. Sliding wear performance of Al-Co alloys fabricated by vacuum arc melting and correlation with their microstructure. In *Materials Chemistry and Physics*, 2022, 276, pp. ISSN 02540584., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

16. [1] XIAO, Fei - YANG, Rongjie - LIU, Zhenhui. Active aluminum composites and their hydrogen generation via hydrolysis reaction: A review. In *International Journal of Hydrogen Energy*, 2022-01-01, 47, 1, pp. 365-386. ISSN 03603199., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

17. [1] RKAYAE, M. - EBN TOUHAMI, M. - BAYMOU, Y. - HASSANI, Y. - ELGOUFIFA, K. - ALLAM, M. Study of the Influence of Pseudomonas aeruginosa on α -Brass and ($\alpha + \beta$)-Brass Behavior Against Corrosion in Drinking Water. In *Journal of Bio- and Tribo-Corrosion*, 2022-06-01, 8, 2, pp. ISSN 21984220., Registrované v: SCOPUS

Ohlas: zahraničný

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Ohlas: zahraničný

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V3_15

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Ohlas: zahraničný

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Ohlas: zahraničný

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V3_18

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Ohlas: zahraničný

V3_19

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CCC:000407994400035.

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Ohlas: zahraničný

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Ohlas: zahraničný

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Ohlas: zahraničný

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Ohlas: zahraničný

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Ohlas: zahraničný

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Ohlas: zahraničný

7. [1] SFIKAS, Athanasios K. - GONZALEZ, Sergio - LEKATOU, Angeliki G. - KAMNIS, Spyros - KARANTZALIS, Alexandros E. A Critical Review on Al-Co Alloys: Fabrication Routes, Microstructural Evolution and Properties. In: *Metals*, 2022-07-01, 12, 7, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_20

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Kategória publikácie do 2021: ADC

12 Iný výstup publikačnej činnosti ako časť publikácie alebo zborníka

I2_01

ČERNÍČKOVÁ, Ivona - ĎURIŠKA, Libor - PRIPUTEN, Pavol - JANOVEC, Jozef. High-temperature partial isothermal sections of Al-Pd-Co phase diagram. In *FIMA, Przemyslaw. TOFA 2022 : 18th Discussion Meeting on Thermodynamics of Alloys, 12-16 September 2022, Kraków, Poland*. Kraków : Polish Foundrymen's Association, 2022, S. 74. ISBN 978-83-963247-2-6.

Typ výstupu: časti, ktoré nemožno zaradiť do kategórie V, O, P, U alebo D; Výstup: zahraničný; Kategória publikácie do 2021: AFK

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PRIPUTEN, Pavol - NÁLEPKA, Juraj - DRIENOVSKÝ, Marián. Microstructure evolution in Ga-Co-Cr-Ni-Fe series of multiprincipal element alloys. In *FIMA, Przemyslaw. TOFA 2022 : 18th Discussion Meeting on Thermodynamics of Alloys, 12-16 September 2022, Kraków, Poland*. Kraków : Polish Foundrymen's Association, 2022, S. 69. ISBN 978-83-963247-2-6.

Typ výstupu: časti, ktoré nemožno zaradiť do kategórie V, O, P, U alebo D; Výstup: zahraničný; Kategória publikácie do 2021: AFK

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