

**Technická univerzita v Košiciach**  
**Prehľad publikačnej činnosti vrátane ohlasov**  
**Autor: KRENICKÝ, Tibor**  
**Dátum generovania výstupu: 22. 2. 2021, 23:08:56**

**Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)**

**Počet záznamov: 3**

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (3)

**Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)**

**Počet záznamov: 15**

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (2)

BCB - Učebnice pre základné a stredné školy (1)

BCI - Skriptá a učebné texty (2)

FAI - Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) (10)

**Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)**

**Počet záznamov: 8**

ADC - Vedecké práce v zahraničných karentovaných časopisoch (8)

**Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)**

**Počet záznamov: 73**

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (14)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (13)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (18)

AFA - Publikované pozvané príspevky na zahraničných vedeckých konferenciách (1)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (11)

AFD - Publikované príspevky na domácich vedeckých konferenciách (11)

AFG - Abstrakty príspevkov zo zahraničných konferencií (3)

AFH - Abstrakty príspevkov z domácich konferencií (1)

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...) (1)

**Skupina N - Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)**

**Počet záznamov: 7**

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (7)

**Skupina D - Ostatné - mimo kategórií MŠSR**

**Počet záznamov: 5**

AEE - Vedecké práce v zahraničných nerecenzovaných vedeckých zborníkoch, monografiách (1)

GII - Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií (4)

**Počet záznamov spolu: 111**

**Menný zoznam publikácií:**

**AAA - Vedecké monografie vydané v zahraničných vydavateľstvách(3)**

AAA001 [166821] **Vibration diagnostics in manufacturing system with water jet technology /** Štefánia Salokyová, Juraj Ružbarský, Tibor Krenický - 1. vyd. - Lüdenscheid, Germany : RAM-Verlag - 2015. - 118 p. [6,51 AH]. - ISBN 978-3-942303-35-4.  
[OLEJÁROVÁ, Štefánia (90%) - RUŽBARSKÝ, Juraj (5%) - KRENICKÝ, Tibor (5%)]

## Ohlasy:

2017 [1] BARON, P. et al. Verification of the operating condition of stationary industrial gearbox through analysis of dynamic signal, measured on the pinion bearing housing In: Measurement Vol. 96 (2017), p. 24-33 ISSN: 0263-2241

2018 [1] BARON, P., KOČIŠKO, M., DOBRÁNSKY, J. The dynamic parameters correlation assessment of the textile machine high-speed bearings in changed technological conditions In: Measurement: Journal of the International Measurement Confederation Vol. 116, (2018), p. 575-585 ISSN: 0263-2241

AAA003 [198336] **Vibrations in the Production System** Measurement and Analysis with Water Jet Technology/ Štefánia Olejárová, Juraj Ružbarský, Tibor Krenický - 1. vyd. - Cham : Springer Nature Switzerland - 2019. - 91 s. [6,12AH] [print]. - ISBN 978-3-030-01736-1.

[OLEJÁROVÁ, Štefánia (48%) - RUŽBARSKÝ, Juraj (47%) - KRENICKÝ, Tibor (5%)]

## Ohlasy:

2019 [1] SUSTR, Michal et al. Acoustic Emission of Corroded Weldments During Tensile Test In: Management Systems in Production Engineering Vol. 27, no. 4 (2019), p. 211-216 ISSN: 2299-0461

## ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách(2)

ACB001 [144342] **Základy vibrodiagnostiky** vysokoškolská učebnica/ Tibor Krenický, Stanislav Fabian - 1. vyd - Prešov : FVT TU - 2013. - 105 s. [CD ROM]. - ISBN 978-80-553-1603-1.

[KRENICKÝ, Tibor (60%) - FABIAN, Stanislav (40%)]

## Ohlasy:

2017 [1] SMERINGAIOVA, A., WITTNER, M. Optimalization of functional properties of radial fans In: MM Science Journal Vol. 2017, no. December (2017), p. 1967-1971 ISSN: 1803-1269

ACB002 [158788] **Experimentálna analýza v diagnostike prevádzky technických zariadení** / Tibor Krenický, Štefánia Salokyová, Jozef Dobránsky - 1. vyd. - Košice : TU - 2015. - 204 s. [CD ROM]. - ISBN 978-80-553-2004-5.

[KRENICKÝ, Tibor (33%) - OLEJÁROVÁ, Štefánia (34%) - DOBRÁNSKY, Jozef (33%)]

## Ohlasy:

2015 [4] SVETLÍK, Jozef Elektro drive to the implementation of the bike In: Transfer inovácií Roč. 31 (2015), s. 135-138 ISSN: 1337-7094

2015 [4] ŠTOFA, Miroslav et al. Locking system of URM module In: Transfer inovácií Roč. 32 (2015), s. 108-111 ISSN: 1337-7094

2015 [4] PEŠKOVÁ, Alena - SVETLÍK, Jozef Simulation of Maintenance and Repair of Machines In: Transfer inovácií Roč. 31 (2015), s. 94-96 ISSN: 1337-7094

2016 [3] ŠTOFA, Miroslav - SVETLIK, Jozef - PITUK, Martin Continue the development of universal rotary module In: Deterioration, Dependability, Diagnostics P. 39-46 ISBN: 978-80-7231-376-1

2017 [4] PITUK, Martin - SVETLÍK, Jozef Porovnanie modulárnosti voľne programovateľných a pevne naprogramovaných riadiacich systémov In: ARTEP 2017: Automatizácia a riadenie v teórii a praxi : 11. ročník konferencie odborníkov z univerzít, vysokých škôl a praxe : Stará Lesná, 15-17 Február, 2017 S. 51-1-51-6 ISBN: 978-80-553-3075-4

## ADC - Vedecké práce v zahraničných karentovaných časopisoch(8)

ADC001 [61424] **Nanocrystalline Cu-free HITPERM alloys with improved soft magnetic properties** / I. Škorvánek ... [et al.] - 2003.In: Physica status solidi (a). Vol. 196, no. 1 (2003), p. 217-220. - ISSN

0031-8965 Spôsob prístupu:

[http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=104083471&view\\_selected.x=61&view\\_selected.y=9&view\\_selected=view\\_selected](http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=104083471&view_selected.x=61&view_selected.y=9&view_selected=view_selected).

[ŠKORVÁNEK, Ivan (17%) - ŠVEC, Peter (17%) - MARCIN, Jozef (16%) - KOVÁČ, Jozef (17%) - KRENICKÝ, Tibor (17%) - DEANKO, Marián (16%)]

**Ohlasy:**

2012 [1] GUPTA, P. et al. Influence of isochronal annealing on the microstructure and magnetic properties of Cu-free HITPERM Fe<sub>40.5</sub>Co<sub>40.5</sub>Nb<sub>7</sub>B<sub>12</sub> alloy In: Journal of Applied Physics Vol. 111, no. 11 (2012) ISSN: 0021-8979

2012 [1] WILLARD, M. A., DANIIL, M., KNIPING, K.E. Nanocrystalline soft magnetic materials at high temperatures: A perspective In: Scripta Materialia Vol. 67, no. 6 (2012), p. 554-559 ISSN: 1359-6462

2012 [2] VARGA, Rastislav Magnetization processes in glass-coated microwires with positive magnetostriction In: Acta Physica Slovaca Roč. 62, č. 5 (2012), s. 411-518 ISSN: 0323-0465

2015 [1] ZHUKOVA, V., et al. Optimization of Soft Magnetic Properties in Nanocrystalline Fe-Rich Glass-Coated Microwires In: JOM Vol. 67, no. 9 (2015), p. 2108-2116 ISSN: 1047-4838

2016 [1] TALAAT, A. et al. Magnetic Properties of Nanocrystalline Microwires In: Journal of Electronic Materials Vol. 45, no. 1 (2016), p. 212-218 ISSN: 0361-5235

2016 [1] TALAAT, A. et al. Grain size refinement in nanocrystalline Hitperm-type glass-coated microwires In: Journal of Magnetism and Magnetic Materials Vol. 406 (2016), p. 15-21 ISSN: 0304-8853

2017 [1] ZHUKOV, Arcady et al. Correlation of crystalline structure with magnetic and transport properties of glass-coated microwires In: Crystals Vol. 7, no. 2 (2017), art.no. 41 ISSN: 2073-4352

2017 [1] VARGA, R. et al. Magnetically bistable microwires: Properties and applications for magnetic field, temperature, and stress sensing In: Springer Series in Materials Science Vol. 252 (2017), p. 169-212 ISSN: 0933-033X

2019 [1] SUZUKI, K. et al. Nanocrystalline soft magnetic materials from binary alloy precursors with high saturation magnetization In: AIP Advances Vol. 9, no. 3 (2019), article no. 035311 ISSN: 2158-3226

2006 [3] SUZUKI, K., HERZER, G.: Soft magnetic nanostructures and applications. In: Advanced Magnetic Nanostructures. New York, Springer 2006. P. 365-402. ISBN 0-387-23309-1.

2007 [1] BLAZQUEZ, J.S. et al.: Thermal and microstructural dependence of the initial permeability of Co<sub>60</sub>Fe<sub>18</sub>Nb<sub>6</sub>(B,Cu)(16) alloys. In: Journal of alloys and compounds. Vol. 431, no. 1-2 (2007), p. 100-106. ISSN 0925-8388.

2008 [1] SUZUKI, K. et al.: Local random magnetocrystalline and macroscopic induced anisotropies in magnetic nanostructures. In: Journal of Non-Crystalline Solids. Vol. 354, no. 47-51 (2008), p. 5089-5092. Dostupné aj na [http://www.sciencedirect.com/science?\\_ob=ArticleURL\\_udi=B6TXM-4TSWX3J-3\\_user=10\\_coverDate=12%2F01%2F2008\\_alid=828608484\\_rdoc=2\\_fmt=high\\_orig=search\\_cdi=5594\\_sort=d\\_docanchor=vie](http://www.sciencedirect.com/science?_ob=ArticleURL_udi=B6TXM-4TSWX3J-3_user=10_coverDate=12%2F01%2F2008_alid=828608484_rdoc=2_fmt=high_orig=search_cdi=5594_sort=d_docanchor=vie)

2009 [1] KNIPLING, K. E., DANIIL, M., WILLARD, M. A.: Fe-based nanocrystalline soft magnetic alloys for high-temperature applications. In: Applied Physics Letters. Vol. 95, no. 22 (2009), article no. 222516. ISSN 0003-6951.

2010 [1] KLEIN, P. et al.: Study of the switching field in amorphous and nanocrystalline FeCoMoB microwire. In: IEEE transactions on magnetics. Vol. 43, no. 2 (2010), p. 257-360. ISSN 0018-9464.

2005 [1] SUZUKI, A.: Fe-m-b (m = IVa to VIa metal) nanocrystalline soft magnetic materials. In: Properties and Applications of Nanocrystalline Alloys from Amorphous Precursors : Book series: NATO science series, series 2: mathematics, physics and chemistry : Budmerice, 9 - 15 June 2003. S.l.: Springer, 2005. Vol. 184, p. 1-14. ISBN 978-1402029639 .

2010 [1] VARGA, M. et al.: Temperature evolution of magnetic susceptibility during devitrification of Cu-free HITPERM alloy. In: Journal of Magnetism and Magnetic Materials. Vol. 322, no. 18 (2010), p. 2758-2761. ISSN 0304-8853.

ADC002 [61820] **Magnetic properties of FeCoNbB nanocrystalline alloys heat treated under longitudinal magnetic field** / Tibor Krenický ...[et al.] - 2004.In: Czechoslovak Journal of Physics. Vol. 54, suppl. D (2004), p. 185-188. - ISSN 0011-4626 Spôsob prístupu: <http://toc.isiknowledge.com/ToC/ToC.cgi?SID=Q2aKp9887g9f7oiJCJ3&Func=BrowseToC&recid=7987171&instid=13>.

[KRENICKÝ, Tibor (25%) - MARCIN, Jozef (25%) - ŠVEC, Peter (25%)]

**Ohlasy:**

2012 [1] GUPTA, P. et al. Influence of isochronal annealing on the microstructure and magnetic properties of Cu-free HITPERM Fe<sub>40.5</sub>Co<sub>40.5</sub>Nb<sub>7</sub>B<sub>12</sub> alloy In: Journal of Applied Physics Vol. 111, no. 11 (2012) ISSN: 0021-8979

2017 [1] STRAKA, L., ČORNÝ, I., PITEĽ, J. Prediction of the geometrical accuracy of the machined surface of the tool steel EN X30WCrV9-3 after electrical discharge machining with CuZn37 wire electrode In: Metals Vol. 7, no. 11 (2017), art. no. 462 ISSN: 2075-4701

2018 [1] STRAKA, L., HAŠOVÁ, S. Optimization of material removal rate and tool wear rate of Cu electrode in die-sinking EDM of tool steel In: International Journal of Advanced Manufacturing Technology Vol. 97, no. 5-8 (2018), p. 2647-2654 ISSN: 0268-3768

ADC003 [61821] **Magnetic and Mössbauer studies of Fe<sub>76</sub>Mo<sub>8</sub>Cu<sub>1</sub>B<sub>15</sub> nanocrystalline alloy** / Marcel Miglierini ... [et al.] - 2004.In: Czechoslovak Journal of Physics. Vol. 54, suppl. 4/D (2004), p. 73-76. - ISSN 1572-9486

[MIGLIERINI, Marcel (25%) - KAŇUCH, Tomáš (25%) - KRENICKÝ, Tibor (25%) - ŠKORVÁNEK, Ivan (25%)]

**Ohlasy:**

2012 [1] MICHALIK, S. et al. Identification of the Curie point in Fe-based metallic glasses using in situ hard x-ray diffraction In: Journal of Physics D : Applied Physics Vol. 45, no. 45 (2012), art. no. 455302 ISSN: 0022-3727

ADC004 [55254] **Magnetic microstructure of NANOPERM-type nanocrystalline alloys** / Marcel Miglierini ... [et al.] - 2006.In: Physica Status Solidi (b). Vol. 243, no. 1 (2006), p. 57-64. - ISSN 0370-1972 Spôsob prístupu: <http://onlinelibrary.wiley.com/doi/10.1002/pssb.200562446/abstract>.

[MIGLIERINI, Marcel (17%) - KAŇUCH, Tomáš (17%) - ŠVEC, Peter (17%) - KRENICKÝ, Tibor (17%) - VŮJTEK, Milan (17%) - ZBOŘIL, Radek (17%)]

**Ohlasy:**

2010 [1] JIRASKOVA, Y. et al Changes in the hyperfine interactions in the Fe<sub>80</sub>Nb<sub>3</sub>Cu<sub>1</sub>B<sub>16</sub> metallic glass under tensile loading In: Journal of Magnetism and Magnetic Materials Vol. 322, no. 14 (2010), p. 1939-1946 ISSN: 0304-8853

2012 [1] ZHANG, Zeqiang - SHARMA, Parmanand - MAKINO, Akihiro Role of Si in high B-s and low core-loss Fe<sub>85.2</sub>B<sub>10</sub>-XP<sub>4</sub>Cu<sub>0.8</sub>Si<sub>x</sub> nano-crystalline alloys In: Journal of Applied Physics Vol. 112, no. 10 (2012) ISSN: 0021-8979

2013 [1] ZHANG, Y., SHARMA, P., MAKINO, A. Sintered powder cores of high Bs and low coreloss

Fe<sub>84</sub>Si<sub>4</sub>B<sub>8</sub>P<sub>3</sub>Cu<sub>0.7</sub> nano-crystalline alloy In: AIP Advances Vol. 3, no. 6 (2013), art. no. 062118 ISSN: 2158-3226

2016 [1] ORAVEC, M. et al. Experimental measurements of low-frequency magnetic fields in terms of safety In: MM Science Journal Volume 2016, DOI: 10-17973/MMJS.2016\_10\_201640 (2016), p. 1066-1072 ISSN: 1803-1269

2018 [1] CAO, C.C. et al. Local structure, nucleation sites and crystallization behavior and their effects on magnetic properties of Fe<sub>81</sub>Si<sub>6</sub>B<sub>10</sub>P<sub>8</sub>-xCu<sub>1</sub> (x = 0~8) In: Scientific Reports Vol. 8, no. 1 (2018), article no. 1243 ISSN: 2045-2322

2019 [1] OZTURK, S. et al. Surface and structural characterization of amorphous Fe,Co-based melt-spun ribbons subjected to heat treatment processes In: Journal of Non-Crystalline Solids Vol. 522 (2019), article no. 119592 ISSN: 0022-3093

2009 [1] BENSEBAA, Z. et al.: Magnetic and structural characterizations of Fe<sub>80</sub>Cr<sub>10</sub>Si<sub>10</sub> alloy obtained by mechanical alloying. In: Physics Procedia. Vol. 2, no. 3 (2009), p. 649-654. ISSN 1875-3892.

ADC005 [55255] **Improved soft magnetic behavior in field-annealed nanocrystalline Hitperm alloys / Ivan Škorvánek ... [et al.] - 2006.**In: Journal of Magnetism and Magnetic Materials. No. 304 (2006), p. 203-207. - ISSN 0304-8853 Spôsob prístupu:  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6TJJ-4JG49MD-2&\\_user=10&\\_handle=C-WA-A-AVE-AVE-MSAYWA-UUA-U-U-AVE-U-U-AAZYZZUAY-AAZZWVZYAY-ACADDDAUAY-AVE-U&\\_ft=summary&\\_coverDate=09%2F30%2F2006&\\_rdoc=63&\\_orig=browse&\\_srch=%23toc%235312%232006%23996959997%23624412!&\\_cdi=5312&\\_view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_usrid=10&\\_md5=7d17eaf790e638d860f2362dfc1bc6f6](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TJJ-4JG49MD-2&_user=10&_handle=C-WA-A-AVE-AVE-MSAYWA-UUA-U-U-AVE-U-U-AAZYZZUAY-AAZZWVZYAY-ACADDDAUAY-AVE-U&_ft=summary&_coverDate=09%2F30%2F2006&_rdoc=63&_orig=browse&_srch=%23toc%235312%232006%23996959997%23624412!&_cdi=5312&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_usrid=10&_md5=7d17eaf790e638d860f2362dfc1bc6f6).

[ŠKORVÁNEK, Ivan (17%) - MARCIN, Jozef (17%) - KRENICKÝ, Tibor (17%) - KOVÁČ, Jozef (17%) - ŠVEC, Peter (10%) - JANIČKOVIČ, Dušan (10%)]

**Ohlasy:**

2010 [1] VARGA, M., VARGA, R., VOJTANIK, P. Directional Ordering in Amorphous Fe<sub>43</sub>Ni<sub>43</sub>Zr<sub>7</sub>Cu<sub>1</sub>B<sub>6</sub> Ferromagnetic Alloys In: Acta Physica Polonica A Vol. 118, no. 5 (2011), p. 804-806 ISSN: 0587-4246

2011 [1] COJOCARU, V. D., NICULA, R. Compression behaviour of nanostructured NANOPERM alloy at 500°C In: Optoelectronics and Advanced Materials Vol. 5, no. 10 (2011), p. 1093-1096 ISSN: 1842-6573

2012 [1] COJOCARU, Vasile Danut Ball milling synthesis and stability under pressure in nanostructured HITPERM alloys In: Journal of Magnetism and Magnetic Materials Vol. 324, no. 9 (2012), p. 1664-1669 ISSN: 0304-8853

2012 [1] WILLARD, M. A., DANIIL, M., KNIPING, K.E. Nanocrystalline soft magnetic materials at high temperatures: A perspective In: Scripta Materialia Vol. 67, no. 6 (2012), p. 554-559 ISSN: 1359-6462

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2013 [1] LYU, Xiao, LI, Donggang, WANG, Qiang et al. The Effect of Static Magnetic Field on Electroless Ni-P In Situ Deposition and Post-annealing In: Journal of Materials Engineering and Performance Vol. 22, no. 10 (2013), p. 3134-3139 ISSN: 1059-9495

2013 [1] LV, W. Influence of annealing on magnetic performance for 1K107 amorphous-nanocrystalline soft magnetic alloy In: Materials Science Forum Vol. 745-746 (2013), p. 357-362 ISSN: 0255-5476

2014 [1] DMITRIEVA, N.V. et al. Magnetic Properties, Thermal Stability, and Structure of the Nanocrystalline Soft Magnetic (Fe<sub>0.7</sub>Co<sub>0.3</sub>)(88)Hf<sub>2</sub>W<sub>2</sub>Mo<sub>2</sub>Zr<sub>1</sub>B<sub>4</sub>Cu<sub>1</sub> Alloy with Induced Magnetic

Anisotropy In: Physics of Metals and Metallography Vol. 115, no. 4 (2014), p. 326-334 ISSN: 0031-918X

2013 [1] LU, W. Affection of thermal treatment on magnetism for Finemet nano-alloy In: Material Science and Technology Vol. 21, no. 6 (2013), p. 91-96 ISSN: 1005-0299

2007 [1] BLAZQUEZ, J.S. et al.: Thermal and microstructural stability of the soft magnetic Fe<sub>60</sub>Co<sub>18</sub>Nb<sub>6</sub>B<sub>15</sub>Cu<sub>1</sub> alloy. In: Journal of non-crystalline solids. Vol. 353, no. 8-10 (2007), p. 872-874. ISSN 0022-3093.

2006 [1] KANUCH, T., MIGLIERINI, M., GRENECHE, J.M.: Effect of annealing in an external magnetic field on the magnetic texture of Mo-containing nanocrystalline alloys. In: Czechoslovak Journal of Physics. Vol. 56, suppl. E (2006), p. E7-E16. ISSN 0011-4626.

2008 [1] DANIIL, M., WILLARD, M.A.: Structure and magnetic properties of CoFeZrMBCu soft nanocrystalline alloys. In: Journal of Applied Physics. Vol. 103, no. 7 (2008), art. no. 07E727. ISSN 0021-8979.

2009 [1] BLAZQUEZ, J.S. et al.: Correlation between microstructure and temperature dependence of magnetic properties in Fe<sub>60</sub>Co<sub>18</sub>(Nb, Zr)<sub>6</sub>B<sub>15</sub>Cu<sub>1</sub> alloy series. In: Journal of Applied Physics. Vol. 105, no. 9 (2009), art. no. 093928. ISSN 0021-8979.

2010 [1] SHIVAEE, H.A., HOSSEINI, H.R.M., LOTFABAD, E.M.: Study of nanocrystallization in FINEMET alloy by active screen plasma nitriding. In: Journal of alloys and compounds. Vol. 491, no. 1-2 (2010), p. 487-494. ISSN 0925-8388.

2010 [1] JAYATHILAKA, P.B. et al.: Influence of growth field on NiFe, Fe<sub>3</sub>O<sub>4</sub>, and NiFe/Cr/Fe<sub>3</sub>O<sub>4</sub> spin-valves. In: IEEE Transaction on Magnetics. Vol. 46, no. 6 (2010), p. 1777-1779. ISSN 0018-9464.

2010 [1] VARGA, M. et al.: Temperature evolution of magnetic susceptibility during devitrification of Cu-free. In: Journal of Magnetism and Magnetic Materials. Vol. 322, no. 18 (2010), p. 2758-2761. ISSN 0304-8853.

2014 [1] LV, W. Research on annealing process for amorphous nanocrystalline soft magnetic alloy with high  $\mu_i$  and low  $P_c$  In: Materials Science Forum Vol. 787 (2014), p. 256-260 ISSN: 1255-5476 ISBN: 978-303835087-3

2015 [1] PROCHÁZKA, V., et al. Structural transformation of NANOPERM-type metallic glasses followed in situ by synchrotron radiation during thermal annealing in external magnetic field In: Journal of Alloys and Compounds Vol. 638 (2015), p. 398-404 ISSN: 0925-8388

2015 [1] MIGLIERINI, M., et al. In situ crystallization of metallic glasses during magnetic field annealing In: Acta Materialia Vol. 91 (2015), p. 50-56 ISSN: 1359-6454

2015 [1] KNIPLING, K.E., DANIIL, M., WILLARD, M.A. Nanocrystalline Fe<sub>88-2</sub> xCo<sub>x</sub>Ni<sub>x</sub>Zr<sub>7</sub>B<sub>4</sub>Cu<sub>1</sub> alloys: Soft magnets for vehicle electrification technologies In: Journal of Applied Physics Vol. 117, no. 17 (2015), p. a.n. 172611 ISSN: 0021-8979

2015 [1] LIU, M. et al. Effect of magnetic field annealing methods on soft magnetic properties for nanocrystalline (Fe<sub>0.5</sub>Co<sub>0.5</sub>)<sub>73.5</sub>Si<sub>13.5</sub>B<sub>9</sub>Nb<sub>3</sub>Cu<sub>1</sub> alloy In: Journal of Applied Physics Vol. 117, no. 17 (2015), article number 178729 ISSN: 0021-8979

2015 [1] LIU, M., WANG, Z., XU, Y. Influence of magnetic field annealing methods on soft magnetic properties for FeCo-based nanocrystalline alloys In: 2015 IEEE International Magnetics Conference, INTERMAG 2015 : Beijing, China, 11 - 15 May, 2015 P. 7157151 ISBN: 978-147997322-4

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