

Riešiteľ	PEKARČÍKOVÁ Marcela
Pozícia na projekte	Vedecko-výskumný pracovník
Vedecké identifikátory	WoS (Researcher ID): F-2845-2017, Scopus (AuthorID): 7801552354, ORCID: 0000-0002-4300-6109
Vedecké zameranie	Analýza štruktúry a vlastností vysokoteplotných páskových supravodičov
Publikačná činnosť s ohlasmí (aktuálne k 31.10.2022)	
V3 Vedecký výstup publikačnej činnosti z časopisu	
V3_01	<p>BÚRAN, Marek - VOJENČIAK, Michal - MOŠAŤ, Marek - GHABELI, Asef - SOLOVYOV, Mykola - PEKARČÍKOVÁ, Marcela - KOPERA, Lubomír - GÖMÖRY, Fedor. Impact of a REBCO coated conductor stabilization layer on the fault current limiting functionality. In <i>Superconductor Science and Technology</i>. Vol. 32, iss. 9 (2019), s. 1-13, Art. no. 095008. ISSN 0953-2048 (2019: 3.067 - IF, Q2 - JCR Best Q, 0.991 - SJR, Q1 - SJR Best Q). V databáze: CC: 000478800100004 ; WOS: 000478800100004 ; SCOPUS: 2-s2.0-85072067307 ; DOI: 10.1088/1361-6668/ab2c8e.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> [1] YUKI, Kohei - ITO, Satoshi - HASHIZUME, Hidetoshi. Recovery performance of partially-joined porous-stabilized REBCO tape for resistive type superconducting fault current limiters. In <i>Superconductor Science and Technology</i>, 2020-01-20, 33, 3, pp. ISSN 09532048., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný [1] ZHANG, Zili - DAI, Yinming - LIU, Jianhua - WANG, Lei - WANG, Qiuliang. Review: Recent Progress on the Application of REBCO Superconductor Bulks. In <i>Journal of Harbin Institute of Technology (New Series)</i>, 2020, 27, 3, pp. 26-44. ISSN 10059113., Registrované v: SCOPUS Ohlas: zahraničný [1] YE, Jiachao - LIU, Linfei - LIU, Shunfan - MOU, Shaojing - LI, Yijie. Preparing pure C-axis oriented SrTiO3 film on CeO2 film by introducing a nano-Y0.5Gd0.5Ba2Cu3O7-delta layer. In <i>CERAMICS INTERNATIONAL</i>, 2020, vol. 46, no. 14, pp. 21989-21994. ISSN 0272-8842., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný [1] AKBAR, Arooj - YANG, Zhisheng - WANG, Sheng - THEVENAZ, Luc - DUTOIT, Bertrand. Optical fibre sensing for fast hotspot detection in SFCLs. In <i>SUPERCONDUCTOR SCIENCE & TECHNOLOGY</i>, 2020, vol. 33, no. 11, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný [1] XU, Yan - SUO, Hongli - QUREISHY, Thomas - GRIVEL, Jean Claude - MIKHEENKO, Pavlo - LIU, Min - MA, Lin - ZHANG, Xiaolong - ZHOU, Yuqi - LIU, Jianhua - WANG, Lei - ZHANG, Zili - WANG, Qiuliang. Systematic research on the effect of both positive and negative mismatch dopants in double-doped YBCO superconducting films. In <i>Journal of the European Ceramic Society</i>, 2021, 41, 1, pp. 480-487. ISSN 09552219., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný [1] DOS SANTOS, G. - SASS, F. - SOTELO, G. G. - FAJONI, F. - BALDAN, C. A. - RUPPERT, E. Multi-objective optimization for the superconducting bias coil of a saturated iron core fault current limiter using the T-A formulation. In <i>SUPERCONDUCTOR SCIENCE & TECHNOLOGY</i>, 2021, vol. 34, no. 2, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný [1] JIANG, Zhenan - SONG, Wenjuan - PEI, Xiaoze - FANG, Jin - BADCOCK, Rodney A. - WIMBUSH, Stuart C. 15% reduction in AC loss of a 3-phase 1 MVA HTS transformer by exploiting asymmetric conductor critical current. In <i>JOURNAL OF PHYSICS COMMUNICATIONS</i>, 2021, vol. 5, no. 2, pp. ISSN 2399-6528., Registrované v: WOS, SCOPUS Ohlas: zahraničný [1] YUKI, Kohei - ITO, Satoshi - HASHIZUME, Hidetoshi. Effect of Electrical and Thermal Properties of Porous-Stabilized REBCO Tape on Recovery Performance. In <i>IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY</i>, 2021, vol. 31, no. 5, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný [1] YUKI, Kohei - ITO, Satoshi - HASHIZUME, Hidetoshi. Impact of Current Transfer to Porous Stabilizer on Recovery Performance of Resistive-Type Superconducting Fault Current Limiters Using REBCO Tapes. In <i>IEEE Transactions on Applied Superconductivity</i>, 2022-06-01, 32, 4, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný [1] YAMADA, Hiroyuki - TSUCHIYA, Yuji - YOSHIDA, Yutaka - MITO, Toshiyuki - ONODERA, Yuta - HIRANO, Naoki. Conductive Micro-Paths for Current Sharing Between REBCO Tapes in High-T-c Superconducting Conductors to Improve Stability. In <i>IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY</i>, 2022, vol. 32, no. 6, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný
V3_02	<p>CUNINKOVÁ, Eva - PEKARČÍKOVÁ, Marcela - SKARBA, Michal - KRAJČOVIČ, Jozef - PAŠÁK, Matej. Experimental and Numerical Analysis of High-Temperature Superconducting Tapes Modified by Composite Thermal Stabilization Subjected to Thermomechanical Loading. In <i>Materials [elektronický zdroj]</i>. Vol. 14, iss. 13 (2021), s. 1-18. ISSN 1996-1944 (2021: 3.748 - IF, Q1 - JCR Best Q, 0.604 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/ma14133579 ; SCOPUS: 2-s2.0-85109329044 ; WOS: 000671075200001 ; CC: 000671075200001.</p> <p>Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC</p>
V3_03	<p>CUNINKOVÁ, Eva - PEKARČÍKOVÁ, Marcela - MOŠAŤ, Marek - SKARBA, Michal. Numerical simulation of thermal stabilization used in HTS tapes for SCFCL application. In <i>IEEE Transactions on Applied Superconductivity</i>. Vol. 32, iss. 4 (2022), s. 1-5. ISSN 1051-8223 (2021: 1.949 - IF, Q3 - JCR Best Q, 0.443 - SJR, Q2 - SJR Best Q). V databáze: DOI:</p>

10.1109/TASC.2022.3148694 ; SCOPUS: 2-s2.0-85124732803 ; WOS: 000766663800012 ; CC: 000766663800012.
Typ výstupu: Článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

V3_04

DRIENOVSKÝ, Marián - MICHALCOVÁ, Eva - PEKARČÍKOVÁ, Marcela - PALCUT, Marián - FROLEK, Lubomír - GOGOLA, Peter - JANČUŠKA, Igor - MIŠÍK, Jozef - GÖMÖRY, Fedor. Induction soldering of coated conductor high-temperature superconducting tapes with lead-free solder alloys. In *IEEE Transactions on Applied Superconductivity*. Vol. 28, iss. 4 (2018), [5]s. ISSN 1051-8223 (2018: 1.692 - IF, Q3 - JCR Best Q, 0.406 - SJR, Q2 - SJR Best Q). V databáze: WOS ; SCOPUS ; CC: 000427238100001 ; MLJ.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] PAN, Yunhao - WU, Wei - ZHEN, Shuiliang - DONG, Fangliang - WANG, Longbiao - CHU, Jingyuan - WANG, Mingyang - HONG, Zhiyong - JIN, Zhijian. Investigation on Current Distribution and Joint Resistance-Overlap Length Relationship for Non-Superconducting Joints. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2019, vol. 29, no. 2, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

2. [1] ZHANG, Shudong - LI, Fengmin - YANG, Gang - XU, Shiwei - HAN, Zhichen - FAN, Ziming - JIANG, Ping - CHEN, Yimin. Enhanced electrical and mechanical performances of soldered joint between copper stabilized REBCO superconducting tapes. In *IEEE Transactions on Applied Superconductivity*, 2019, 29, 5, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

3. [1] SONAWANE, Pushkaraj D. - RAJA, V. K. Bupesh - GUPTA, Manoj. Microstructure, Mechanical, and Electrical Properties and Corrosion Analysis of Lead-Free Solder CSI Joints on Cu Substrate Using Novel Concentrated Solar Energy Soldering (CSES) Method. In *ADVANCES IN MATERIALS SCIENCE AND ENGINEERING*, 2020, vol. 2020, no., pp. ISSN 1687-8434., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

4. [1] GHADERI, Davood. Reliability analysis for TO-247 multilayered power module packaging under mechanical oscillation based on finite element method. In *Microelectronics Reliability*, 2021, 118, pp. ISSN 00262714., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

5. [1] TYNCHENKO, Vadim - ANTON, Milov - KUKARTSEV, Vladislav - TYNCHENKO, Valeriya - BUKHTOYAROV, Vladimir - BASHMUR, Kirill. Algorithms for selecting the operating mode of the technological process of waveguide paths induction brazing. In *Journal of Applied Engineering Science*, 2021, 19, 2, pp. 424-431. ISSN 14514117., Registrované v: SCOPUS

Ohlas: zahraničný

6. [1] SHAMOTO, Shin-Ichi - LEE, Min Kai - FUJIMURA, Yuki - KONDO, Keietsu - ITO, Takashi U. - IKEUCHI, Kazuhiko - YASUDA, Satoshi - CHANG, Lieh-Jeng. Gallium-effect in a lead-free solder for silver-sheathed superconducting tape. In *MATERIALS RESEARCH EXPRESS*, 2021, vol. 8, no. 7, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

7. [2] TYNČENKO, V. S. - MILOV, A. V. - KURAŠKIN, S. O. Avtomatizirovannaja sistema testirovanija algoritmov upravlenija processom indukcionnoj najki volnovodnyh traktov. In *Promyšlennye ASU i kontrolyery*. No. 1 (2021), s. 3-34. ISSN 1561-1531.

Ohlas: zahraničný

8. [2] TYNČENKO, V. S. - KURAŠKIN, S. O. Avtomatizirovannye sistemy upravlenija. In *Pribory i sistemy. Upravlenie, kontrol', diagnostika*. No. 1 (2021), s. 22-34. ISSN 2073-0004.

Ohlas: zahraničný

9. [1] KUKARTSEV, V. V. - CHEREPANOV, A. I. - DOKSHANIN, S. G. - EZHEMANSKAYA, S. N. - KORPACHEVA, L. N. - VAITEKUNAITE, P. Yu. Induction brazing technology for pipeline connections of an automated gas metering unit. In *Journal of Physics: Conference Series*, 2021, 2094, 4, pp. ISSN 17426588., Registrované v: SCOPUS

Ohlas: zahraničný

10. [1] KUKARTSEV, V. A. - CHEREPANOV, A. I. - KUKARTSEV, V. V. - KUZNETSOV, A. V. - MINKIN, A. N. - EGOROV, A. V. Design of energy efficient inductors for connecting pipelines of oil and gas equipment. In *Journal of Physics: Conference Series*, 2021, 2094, 4, pp. ISSN 17426588., Registrované v: SCOPUS

Ohlas: zahraničný

11. [1] HUANG, Ziyi - TAN, Yunfei - HE, Rui - XIE, Yiming - WANG, Guangda - WEI, Junwen - WANG, Yifan - WU, Qiong. Study on the electrical performances of soldered joints between HTS coated-conductors. In *Cryogenics*, 2022-03-01, 122, pp. ISSN 00112275., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

12. [1] YANG, Gansong - WANG, Wentao - LIU, Lian - WANG, Mingjiang - TIAN, Zhengjian - ZHENG, Qitong - ZHAO, Yong. Electromechanical Properties of Lapped Joints of $\text{Ynf}0.5/\text{infGdinf}0.5/\text{inf-Bainf}2/\text{infCuinf}3/\text{infOinf}7\text{-z}/\text{inf}$ Coated Conductors Joined with Lead-free Solders. In: *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering*, 2021-02-01, 50, 2, pp. 511-518. ISSN 1002185X., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

V3_05

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 *Vedecké práce MtF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. 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

GÖMÖRY, Fedor - ŠOUC, Ján, Ing - PARDO, Enric - SEILER, Eugen - SOLOVIOV, Mykola - FROLEK, Ľubomír - SKARBA, Michal - KONOPKA, Pavol - PEKARČIKOVÁ, Marcela - JANOVEC, Jozef. AC Loss in Pancake Coil Made From 12 mm Wide REBCO Tape. In *IEEE Transactions on Applied Superconductivity*. Vol. 23, Iss. 3 (2013), s.[6] p. ISSN 1051-8223 (2013: 1.324 - IF, Q2 - JCR Best Q, 0.460 - SJR, Q2 - SJR Best Q). V databáze: WOS ; IEEE ; SCOPUS.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] PARK, J. - KIM, S. - PARK, I. - JEONG, S. Experimental investigation of AC loss in a conduction-cooled layer-wound (RE)BCO magnet for continuous Adiabatic Demagnetization Refrigerator (ADR). In *Cryogenics*, 2014, vol. 63, s.77-84., Registrované v: CC

Ohlas: zahraničný

2. [1] PITEL, J. Differences between two definitions of the critical current of HTS coils. In *Superconductor Science and Technology*, 2013, vol. 26, iss. 12, s.Art. No. 125002.

Ohlas: zahraničný

3. [1] BRAMBILLA, Roberto - GRILLI, Francesco. Critical state solution of a cable made of curved thin superconducting tapes. In *Superconductor Science and Technology*. ISSN 0953-2048, 2014, 27, 12, pp., Registrované v: CC

Ohlas: zahraničný

4. [1] Kruger, Philipp A C - Zermeno, V. M R - Takayasu, Makoto - Grilli, Francesco. Three-dimensional numerical simulations of twisted stacked tape cables. In *IEEE Transactions on Applied Superconductivity*, 2015, 25, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

5. [1] Awaji, Satoshi - Kajikawa, K. - Watanabe, Kazuo - Oguro, Hidetoshi - Mitose, T. - Fujita, S. - Daibo, Masanori - Iijima, Y. - Miyazaki, Hiroshi - Takahashi, Masaya - Ioka, Shigeru. AC losses of an HTS insert in a 25-T cryogen-free superconducting magnet. In *IEEE Transactions on Applied Superconductivity*, 2015, 25, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS

Ohlas: zahraničný

6. [1] Ainslie, Mark Douglas - Hu, Di - Zou, Jin - Cardwell, David A. Simulating the in-field AC and DC performance of high-temperature superconducting coils. In *IEEE Transactions on Applied Superconductivity*, 2015, 25, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS

Ohlas: zahraničný

7. [1] Hu, Di - Ainslie, Mark Douglas - Zou, Jin - Cardwell, David A. Numerical analysis of non-uniformities and anisotropy in high-temperature superconducting coils. In *IEEE Transactions on Applied Superconductivity*, 2015, 25, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS

Ohlas: zahraničný

8. [1] HU, D. - Ainslie, M. D. - Rush, J. P. - Durrell, J. H. - Zou, J. - Raine, M. J. - Hampshire, D. P. DC characterization and 3D modelling of a triangular, epoxy-impregnated high temperature superconducting coil. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2015, vol. 28, no. 6, pp. ISSN 0953-2048., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

9. [1] ZERMENO, V. - Sirois, F. - Takayasu, M. - Vojenciak, M. - Kario, A. - Grilli, F. A self-consistent model for estimating the critical current of superconducting devices. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2015, vol. 28, no. 8, pp. ISSN 0953-2048., Registrované v: CC, SCOPUS, WOS

Ohlas: zahraničný

10. [1] ZHANG, Yan - Song, Yuntao - Wang, Lei - Liu, Xufeng. Simulation of superconducting tapes and coils with convex quadratic programming method. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2015, vol. 28, no. 8, pp. ISSN 0953-2048., Registrované v: CC, SCOPUS, WOS

Ohlas: zahraničný

11. [1] HU, Di - Ainslie, Mark D. - Raine, Mark J. - Hampshire, Damian P. - Zou, Jin. Modeling and Comparison of In-Field Critical Current Density Anisotropy in High-Temperature Superconducting (HTS) Coated Conductors. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2016, vol. 26, no. 3, pp. ISSN 1051-8223., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

12. [1] JIANG, Zhenan - LONG, Nicholas J. - STAINES, Mike - BADCOCK, Rodney A. - BUMBY, Chris W. - BUCKLEY, Robert G. - AMEMIYA, Naoyuki. AC loss measurements in HTS coil assemblies with hybrid coil structures. In *Superconductor Science and Technology*, 2016, 29, 9, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

13. [1] ZERMEÑO, Víctor M R - HABELOK, Krzysztof - STĘPIEŃ, Mariusz - GRILLI, Francesco. A parameter-free method to extract the superconductor's $J_{inf}/inf(B,\theta)$ field-dependence from in-field current-voltage characteristics of high temperature superconductor tapes. In *Superconductor Science and Technology*, 2017, 30, 3, pp. ISSN 0953-2048., Registrované v: SCOPUS

Ohlas: zahraničný

14. [1] JIANG, Zhenan - STAINES, Mike - LONG, Nicholas J. - BADCOCK, Rodney A. - BUMBY, Chris W. - BUCKLEY, Robert G. - SONG, W. - AMEMIYA, Naoyuki. AC Loss Measurements in a Hybrid REBCO/BSCCO Coil Assembly. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2017, vol. 27, no. 6, pp. ISSN 1051-8223., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

15. [1] LIU, Kun - YANG, Wenjiao - MA, Guangtong - QUÉVAL, Loïc - GONG, Tianyong - YE, Changqing - LI, Xiang - LUO, Zhen. Experiment and simulation of superconducting magnetic levitation with REBCO coated conductor stacks. In *Superconductor Science and Technology*, 2018, 31, 1, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

16. [1] IWAI, Sadanori - MIYAZAKI, Hiroshi - OTANI, Yasumi - TOSAKA, Taizo - NOMURA, Shunji - KURUSU, Tsutomu. AC Loss Evaluation of a 10T Class Small REBCO Coil With Conduction-Cooled Configuration. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, 2018, vol. 28, no. 3, pp. ISSN 1051-8223., Registrované v: SCOPUS, CC, WOS
Ohlas: zahraničný
17. [1] AINSLIE, Mark D. - BUMBY, Chris W. - JIANG, Zhenan - TOYOMOTO, Ryuki - AMEMIYA, Naoyuki. Numerical modelling of dynamic resistance in high-temperature superconducting coated-conductor wires. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY, 2018, vol. 31, no. 7, pp. ISSN 0953-2048., Registrované v: CC, WOS, SCOPUS
Ohlas: zahraničný
18. [1] OGAWA, Jun - FUKUI, Satoshi - YOSHINO, Kouki - SUZUKI, Yushi - TORIGATA, Syunsuke. Development of an HTS Capacitor Using Bi2223/Ag Tapes as Electrodes. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, 2019, vol. 29, no. 5, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
19. [1] JIANG, Zhenan - ENDO, Natsumi - WIMBUSH, Stuart C. - BROOKS, Justin - SONG, Wenjuan - BADCOCK, Rodney A. - MIYAGI, Daisuke - TSUDA, Makoto. Exploiting asymmetric wire critical current for the reduction of AC loss in HTS coil windings. In JOURNAL OF PHYSICS COMMUNICATIONS, 2019, vol. 3, no. 9, pp. ISSN 2399-6528., Registrované v: WOS, SCOPUS
Ohlas: zahraničný
20. [1] MYKOLA, Solovyov - FEDOR, Gömöry. A-V formulation for numerical modelling of superconductor magnetization in true 3D geometry. In Superconductor Science and Technology, 2019, 32, 11, pp. ISSN 09532048., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný
21. [1] YANG, Yu - YONG, Huadong - ZHANG, Xingyi - ZHOU, Youhe. Numerical Simulation of Superconducting Generator Based on the T-A Formulation. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, 2020, vol. 30, no. 8, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
22. [1] ZHANG, Hongye - WEN, Zezhao - GRILLI, Francesco - GYFTAKIS, Konstantinos - MUELLER, Markus. Alternating Current Loss of Superconductors Applied to Superconducting Electrical Machines. In ENERGIES, 2021, vol. 14, no. 8, pp., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
23. [1] INANIR, Fedai - TERZIOGLU, Rifki. AC Loss Evaluation of a Superconducting Pancake Coil with Coated Conductors using an Extended A-V Formulation. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, 2021, vol. 587, no., pp. ISSN 0921-4534., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
24. [1] OLIVEIRA, Roberto - MURTA-PINA, Joao - VEGA, Maria - ALVAREZ, Alfredo - VALTCHEV, Stanimir - PRONTO, Anabela - SUAREZ, Pilar. Effects of Noncharacteristic Harmonics on AC Losses of High-Temperature Superconducting Coils. In IEEE Transactions on Power Electronics, 2021, 36, 12, pp. 13697-13705. ISSN 08858993., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný

V3_07 LACROIX, Christian - GIQUÉRE, Jaël - BERGERON HARTMAN, Simon Mathieu - SAAD, Haifa Ben - MARTIN, Anthony - LEDUC, Thomas - GENDRON PAUL, Maxime - BELLIL, Zakaria - FOURNIER LUPIEN, Jean Hughes - MORET, Lucile - BARUSCO, Pedro - GRANADOS, Xavier - OBRADORS, Xavier - PEKARČIKOVÁ, Marcela - GÖMÖRY, Fedor - GROSSE, Veit - BAUER, Markus - SIROIS, Frédéric. Normal zone propagation in various REBCO tape architectures. In *Superconductor Science and Technology*. Vol. 35, iss. 5 (2022), s. 1-9. ISSN 0953-2048 (2021: 3.482 - IF, Q2 - JCR Best Q, 0.826 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1088/1361-6668/ac56ff ; SCOPUS: 2-s2.0-85130832006 ; WOS: 000797187900001 ; CC: 000797187900001.
Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

V3_08 MICHALCOVÁ, Eva - GÖMÖRY, Fedor - FROLEK, Ľubomír - DRIENOVSKÝ, Marián - PEKARČIKOVÁ, Marcela - SKARBA, Michal - MIŠÍK, Jozef - JANOVEC, Jozef. Joining of CC Tapes With Lead-Free Solders. In *IEEE Transactions on Applied Superconductivity*. Vol. 26, iss. 3 (2016), Article 8801104. ISSN 1051-8223 (2016: 1.583 - IF, Q3 - JCR Best Q, 0.398 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1109/TASC.2016.2539419 ; WOS: CCC:000376186400001 ; SCOPUS ; MLJ.
Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] PAN, Yunhao - WU, Wei - ZHEN, Shuiliang - DONG, Fangliang - WANG, Longbiao - CHU, Jingyuan - WANG, Mingyang - HONG, Zhiyong - JIN, Zhijian. Investigation on Current Distribution and Joint Resistance-Overlap Length Relationship for Non-Superconducting Joints. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, 2019, vol. 29, no. 2, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
2. [1] YANG GANSONG - WANG WENTAO - LIU LIAN - WANG MINGJIANG - TIAN ZHENGJIAN - ZHENG QIUTONG - ZHAO YONG. Electromechanical Properties of Lapped Joints of Y0.5Gd0.5Ba2Cu3O7-z Coated Conductors Joined with Lead-free Solders. In RARE METAL MATERIALS AND ENGINEERING, 2021, vol. 50, no. 2, pp. 511-518. ISSN 1002-185X., Registrované v: WOS, SCOPUS
Ohlas: zahraničný
3. [1] YANG, Chia Ming - CHANG, Yu Chuan - CHANG, Chi Lei - CHEN, In Gann. Sintering Nano-Silver Paste by Resistive Joule Heating Process for 2G HTS Tape Joints. In Materials, 2022-02-01, 15, 4, pp., Registrované v: SCOPUS, WOS, CC
Ohlas: zahraničný

V3_09	<p>MICHALCOVÁ, Eva - BEHÚLOVÁ, Mária - VOJENČIAK, Michal - FROLEK, Ľubomír - ŠOUC, Ján, Ing - SKARBA, Michal - PEKARČÍKOVÁ, Marcela - DRIENOVSKÝ, Marián - GÖMÖRY, Fedor. Structural modeling of REBCO coated conductor tapes in TORT cables. In <i>IEEE Transactions on Applied Superconductivity</i>. Vol. 28, iss. 4 (2018), [5]s. ISSN 1051-8223 (2018: 1.692 - IF, Q3 - JCR Best Q, 0.406 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; WOS ; CC: 000427233600001 ; MLJ.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> [1] SHIN, Hyung Seop - DIAZ, Mark A. - VELASCO, Madelene - AWAJI, Satoshi. Performance Evaluation of Practical REBCO Coated Conductor Tapes for Superconducting Wind Power Coils. In <i>IEEE Transactions on Applied Superconductivity</i>, 2020, 30, 4, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC <p>Ohlas: zahraničný</p>
V3_10	<p>MIŠÍK, Jozef - GÖMÖRY, Fedor - VÁVRA, Ivo - SOLOVIOV, Mykola - VOJENČIAK, Michal - GIRMAN, Vladimír - SKARBA, Michal - PEKARČÍKOVÁ, Marcela - MICHALCOVÁ, Eva - JANOVEC, Jozef. Structural study of commercially produced (RE)BCO films. In <i>IEEE Transactions on Applied Superconductivity</i>. Vol. 26, iss. 3 (2016), s. 804-804. ISSN 1051-8223 (2016: 1.583 - IF, Q3 - JCR Best Q, 0.398 - SJR, Q2 - SJR Best Q). V databáze: WOS: CCC:000372745800001 ; SCOPUS ; MLJ: DOI: 10.1109/TASC.2016.2516348.</p> <p>Kategória publikácie do 2021: ADC</p>
V3_11	<p>PEKARČÍKOVÁ, Marcela - SKARBA, Michal - KONOPKA, Pavol - JANOVEC, Jozef - SOLOVYOV, M. - PARDO, Enric - GÖMÖRY, Fedor. Investigation of defects in functional layer of high temperature superconducting tapes. In <i>Physica C - Superconductivity and its Applications</i>. Vol. 497 (2014), s. 24-29. ISSN 0921-4534 (2014: 0.942 - IF, Q4 - JCR Best Q, 0.501 - SJR, Q2 - SJR Best Q). V databáze: WOS ; SCOPUS.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> [1] Sotnikov, Dmitry V. - Fetisov, Sergey S. - Radchenko, Irlama P. - Chepikov, Vsevolod N. - Samoilenov, Sergey V. - Bykovsky, Dmitry P. - Vysotsky, Vitaly S. Possible Reasons of Lorentz Force Direction Influence on Anisotropy of 2G HTS Tapes Critical Currents. In <i>IEEE Transactions on Applied Superconductivity</i>, 2016, 26, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS <p>Ohlas: zahraničný</p> <ol style="list-style-type: none"> [1] JIANG, Rongrong - LI, Ming - YAO, Yirong - GUAN, Jianmin - LU, Huanming. Application of BIB polishing technology in cross-section preparation of porous, layered and powder materials: A review. In <i>Frontiers of Materials Science</i>, 2019, 13, 2, pp. 107-125. ISSN 2095025X., Registrované v: SCOPUS, WOS, CC <p>Ohlas: zahraničný</p>
V3_12	<p>PEKARČÍKOVÁ, Marcela - MICHALCOVÁ, Eva - FROLEK, Ľubomír - SOUC, Jan - GOGOLA, Peter - DRIENOVSKÝ, Marián - SKARBA, Michal - MIŠÍK, Jozef - GÖMÖRY, Fedor. Effect of Mechanical Loading on Coated Conductor Tapes Due to Winding Onto Round Cables. In <i>IEEE Transactions on Applied Superconductivity</i>. Vol. 28, iss. 4 (2018), s. 505-505. ISSN 1051-8223 (2018: 1.692 - IF, Q3 - JCR Best Q, 0.406 - SJR, Q2 - SJR Best Q). V databáze: CC: 000424686900001 ; WOS ; SCOPUS ; DOI: 10.1109/TASC.2018.2795894.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> [1] JIN, H. - QIN, J. G. - ZHOU, C. - LIU, H. J. - LIU, F. - GAO, P. - XIAO, G. Y. - MA, H. J. - LI, J. G. - WU, Y. - JIANG, D. H. - WU, K. H. - MA, T. - TAN, Y. F. - LI, J. J. The performance of first CORC cable solenoid insert for development of CFETR high-field magnet. In <i>NUCLEAR FUSION</i>, 2020, vol. 60, no. 9, pp. ISSN 0029-5515., Registrované v: WOS, CC, SCOPUS <p>Ohlas: zahraničný</p> <ol style="list-style-type: none"> [1] YIN, Hongna - HUANG, Xingyuan - LIU, Tongke - SONG, Minjie. Effects of gas-assisted extrusion on slip in the cable coating process. In <i>Journal of Polymer Engineering</i>, 2021, 41, 4, pp. 329-337. ISSN 03346447., Registrované v: SCOPUS, WOS, CC <p>Ohlas: zahraničný</p> <ol style="list-style-type: none"> [1] GAO, Peifeng - GENG, Xin - MAN, Guian - WANG, Xingzhe. Measurement of Shear Delamination Strength of REBCO Coated Conductors. In <i>IEEE Transactions on Applied Superconductivity</i>, 2022-06-01, 32, 4, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC <p>Ohlas: zahraničný</p> <ol style="list-style-type: none"> [1] SHI, Yangyang - DAI, Shaotao - MA, Tao - LIU, Wenxu. Effect of Bending Strain on the Current-Carrying Performance of Copper-Laminated REBCO Tape. In <i>Journal of Superconductivity and Novel Magnetism</i>, 2022-03-01, 35, 3, pp. 647-655. ISSN 15571939., Registrované v: SCOPUS, WOS, CC <p>Ohlas: zahraničný</p>
V3_13	<p>PEKARČÍKOVÁ, Marcela - DRIENOVSKÝ, Marián - KRAJČOVIČ, Jozef - MIŠÍK, Jozef - CUNINKOVÁ, Eva - HÚLAN, Tomáš - BOŠÁK, Ondrej - VOJENČIAK, Michal. Analysis of thermo-physical properties of materials suitable for thermal stabilization of superconducting tapes for high-voltage superconducting fault current limiters. In <i>Journal of Thermal Analysis and Calorimetry</i>. Vol. 138, iss. 6 (2019), s. 4375-4383. ISSN 1388-6150 (2019: 2.731 - IF, Q2 - JCR Best Q, 0.415 - SJR, Q3 - SJR Best Q). V databáze: DOI: 10.1007/s10973-019-08309-2 ; SCOPUS: 2-s2.0-85065736459 ; WOS: 000501308800049 ; CC: 000501308800049.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> [1] YIN, Shijian - DURANTI, Mattia - SWENSON, Charles A. - LI, Pei - YE, Liyang - ZHANG, Xingguo - SHEN, Tengming. Degradation of REBCO coated conductors due to a combination of epoxy impregnation, thermal cycles, and quench: Characteristics and a method of alleviation. In <i>Journal of Applied Physics</i>, 2020, 128, 17, pp. ISSN 00218979., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

2. [1] YAZDANI-ASRAMI, Mohammad - SEYYEDBARZEGAR, Seyyed Meysam - ZHANG, Min - YUAN, Weijia. Insulation Materials and Systems for Superconducting Powertrain Devices in Future Cryo-Electrified Aircraft: Part I Material Challenges and Specifications, and Device-Level Application. In IEEE Electrical Insulation Magazine, 2022-03-01, 38, 2, pp. 23-36. ISSN 08837554., Registrované v: SCOPUS

Ohlas: zahraničný

3. [1] MALGINOV, V. A. Effect of a Heat-Conducting Epoxy Coating on Electrothermal Characteristics of High-Temperature Superconducting Wires at Phase Transitions. In: BULLETIN OF THE LEBEDEV PHYSICS INSTITUTE, 2022, vol. 49, no. 7, pp. 199-203. ISSN 1068-3356., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

V3_14

PEKARČÍKOVÁ, Marcela - MIŠÍK, Jozef - DRIENOVSKÝ, Marián - KRAJČOVIČ, Jozef - VOJENČIAK, Michal - BÚRAN, Marek - MOŠAŤ, Marek - HÚLAN, Tomáš - SKARBA, Michal - CUNINKOVÁ, Eva - GÖMÖRY, Fedor. Composite heat sink material for superconducting tape in fault current limiter applications. In *Materials [elektronický zdroj]*. Vol. 13, iss. 8 (2020), s.1-16. ISSN 1996-1944 (2020: 3.623 - IF, Q1 - JCR Best Q, 0.682 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85084546138 ; DOI: 10.3390/MA13081832 ; WOS: 000531829000036 ; CC: 000531829000036.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] MORA, Mario - AMAVEDA, Hippolyte - PORTA-VELILLA, Luis - DE LA FUENTE, Germán F. - MARTÍNEZ, Elena - ANGUREL, Luis A. Improved copper-epoxy adhesion by laser micro- and nano-structuring of copper surface for thermal applications. In *Polymers*, 2021, 13, 11, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_15

SKARBA, Michal - PEKARČÍKOVÁ, Marcela - KONOPKA, Pavol - MIŠÍK, Jozef - CUNINKOVÁ, Eva. Structural analysis of superconductors at MTF: A review. In *Vedecké práce MTF STU v Bratislave so sídlom v Trnave. Research papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava*. Vol. 26, no. 43 (2018), s. 55-62. ISSN 1336-1589. V databáze: INSPEC ; DOI: 10.2478/rput-2018-0030.

Kategória publikácie do 2021: ADF

V3_16

SKARBA, Michal - PEKARČÍKOVÁ, Marcela - FROLEK, Ľubomír - CUNINKOVÁ, Eva - NECPAL, Martin. Thermal Cycling of (RE)BCO-Based Superconducting Tapes Joined by Lead-Free Solders. In *Materials [elektronický zdroj]*. Vol. 14, iss. 4 (2021), s. 1-23. ISSN 1996-1944 (2021: 3.748 - IF, Q1 - JCR Best Q, 0.604 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/ma14041052 ; SCOPUS: 2-s2.0-85102056199 ; WOS: 000624121600001 ; CC: 000624121600001.

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

Ohlasy:

1. [1] YANG, Chia Ming - CHANG, Yu Chuan - CHANG, Chi Lei - CHEN, In Gann. Sintering Nano-Silver Paste by Resistive Joule Heating Process for 2G HTS Tape Joints. In *Materials*, 2022-02-01, 15, 4, pp., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_17

SOLOVYOV, M. - PARDO, Enric - ŠOUC, Ján, Ing - GÖMÖRY, Fedor - SKARBA, Michal - KONOPKA, Pavol - PEKARČÍKOVÁ, Marcela - JANOVEC, Jozef. Non-uniformity of coated conductor tapes. In *Superconductor Science and Technology*. Vol. 26, Iss. 11 (2013), s.Art.no. 115013, [10] p. ISSN 0953-2048 (2013: 2.796 - IF, Q1 - JCR Best Q, 1.318 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; WOS.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] LI, Shuo - CHEN, Duxing - FAN, Yu - FANG, Jin. Transport ac loss in a rectangular thin strip with power-law $e(J)$ relation. In *Physica C: Superconductivity and its Applications*. ISSN 0921-4534, 2015, 508, pp. 12-16., Registrované v: SCOPUS

Ohlas: zahraničný

2. [1] BRAMBILLA, Roberto - GRILLI, Francesco. Critical state solution of a cable made of curved thin superconducting tapes. In *Superconductor Science and Technology*. ISSN 09532048, 2014-12-01, 27, 12, pp., Registrované v: CC, WOS, SCOPUS

Ohlas: zahraničný

3. [1] BORROTO, A. - Del Rio, L. - Arronte, M. - Johansen, T. H. - Altshuler, E. Modeling transport properties of inhomogeneous superconductor-metal composites. In *APPLIED PHYSICS LETTERS*, 2014, vol. 105, no. 20, pp. ISSN 0003-6951., Registrované v: CC

Ohlas: zahraničný

4. [1] Demenci-k, Eduard - Grilli, Francesco - Kario, Anna Urszula - Nast, Rainer - Jung, Alexandra - Vojenciak, Michal - Scheiter, Juliane - Goldacker, Wilfried. AC magnetization loss and transverse resistivity of striated YBCO coated conductors. In *IEEE Transactions on Applied Superconductivity*, 2015, 25, 3, pp. ISSN 1051-8223., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

5. [1] BORROTO, A. - Garcia-Gordillo, A. S. - Del Rio, L. - Arronte, M. - Altshuler, E. In-plane transport anisotropy in BSCCO-Ag multi-filamentary tapes. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2015, vol. 28, no. 7, pp. ISSN 0953-2048., Registrované v: CC, SCOPUS, WOS

Ohlas: zahraničný

6. [1] Benkel, Tara - Miyoshi, Yasuyuki - Escamez, Guillaume - Gonzales, Daniel - Chaud, Xavier - Badel, Arnaud - Tixador, Pascal. REBCO Performance at High Field with Low Incident Angle and Preliminary Tests for a 10-T Insert. In *IEEE Transactions on Applied Superconductivity*, 2016, 26, 3, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

7. [1] JING, Ze - YONG, Huadong - ZHOU, Youhe. Influences of non-uniformities and anisotropies on the flux avalanche behaviors of type-II superconducting films. In *Superconductor Science and Technology*, 2016, 29, 10, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

8. [1] LIANG, Fei - YUAN, Weijia - ZHANG, Min - ZHANG, Zhenyu - LI, Jianwei - VENUTURUMILLI, Sriharsha - PATEL, Jay. AC loss modelling and experiment of two types of low-inductance solenoidal coils. In *Superconductor Science and Technology*, 2016, 29, 11, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

9. [1] GODFRIN, Aurelien - KARIO, Anna - GYURAKI, Roland - DEMENCIK, Eduard - NAST, Rainer - SCHEITER, Juliane - MANKEVICH, Alexey - MOLODYK, Alexander - GOLDACKER, Wilfried - GRILLI, Francesco. Influence of the Striation Process and the Thickness of the Cu-Stabilization on the AC Magnetization Loss of Striated REBCO Tape. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2017, vol. 27, no. 6, pp. ISSN 1051-8223., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

10. [1] CHEN, Du-Xing - LI, Shuo. AC Susceptibility of a High-Temperature Superconductor Strip: Field-Dependent Power-Law Flux-Creep Model. In *IEEE MAGNETICS LETTERS*, 2018, vol. 9, no., pp. ISSN 1949-307X., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

11. [1] LIU, Guole - ZHANG, Guomin - JING, Liwei. Experimental and numerical study of the frequency-dependent transport ac losses of the YBa₂Cu₃O₇-delta coil with and without flux diverters. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2019, vol. 32, no. 5, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

12. [1] REISS, Harald. Radiative Transfer, Non-transparency, Stability Against Quench in Superconductors and Their Correlations. In *Journal of Superconductivity and Novel Magnetism*, 2019, 32, 6, pp. 1529-1569. ISSN 15571939., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

13. [1] PRESTIGIACOMO, Joseph C. - AUYEUNG, Raymond C.Y. - OSOFSKY, Michael S. Modeling the Resistive Critical Current Transitions of Striated Superconducting Tapes. In *IEEE Transactions on Applied Superconductivity*, 2016, 26, 8, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

14. [1] YAMAMOTO, H. - ITO, S. - MIWA, M. - MATSUYAMA, S. - HASHIZUME, H. Effect of non-uniform proton irradiation on the critical current of REBCO tapes. In *Journal of Physics: Conference Series*, 2020, 1559, 1, pp. ISSN 17426588., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

15. [1] GRILLI, Francesco - BENKEL, Tara - HANISCH, Jens - LAO, Mayraluna - REIS, Thomas - BERBERICH, Eva - WOLFSTADTER, Simon - SCHNEIDER, Christian - MILLER, Paul - PALMER, Chloe - GLOWACKI, Bartek - CLIMENTE-ALARCON, Vicente - SMARA, Anis - TOMKOW, Lukasz - TEIGELKOTTER, Johannes - STOCK, Alexander - BUDEL, Johannes - JEUNESSE, Loïc - STAEMPFLIN, Martin - DELAURE, Guillaume - ZIMMERMANN, Baptiste - WOUDE, Ruud Van Der - PEREZ, Ana - SAMOILENKOV, Sergey - MOLODYK, Alexander - PARDO, Enric - KAPOLKA, Milan - LI, Shuo - DADHICH, Anang. Superconducting motors for aircraft propulsion: The Advanced Superconducting Motor Experimental Demonstrator project. In *Journal of Physics: Conference Series*, 2020, 1590, 1, pp. ISSN 17426588., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

16. [1] SUN, Yueming - LONG, Nicholas J. - SIDOROV, Gennady - FANG, Jin - BADCOCK, Rodney A. - JIANG, Zhenan. Shielding Effect of (RE)Ba₂Cu₃O₇-d-Coated Conductors on Eddy Current Loss of Adjacent Metal Layers Under AC Magnetic Fields With Various Orientations. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2021, vol. 31, no. 1, pp. ISSN 1051-8223., Registrované v: WOS, CC

Ohlas: zahraničný

17. [1] SHEN, Lei - LIU, Cong - ZHANG, Xingyi. Rules of non-superconducting phase particles on crack propagation in YBCO coated conductors fabricated by the IBAD-MOCVD. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2020, vol. 33, no. 10, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

18. [1] DE LEON, Michael - DIAZ, Mark A. - SHIN, Hyung Seop. Interaction of cracks and precipitate particles on the rebcu superconducting layers of practical cc tapes through fractographic observations. In *Progress in Superconductivity and Cryogenics (PSAC)*, 2020, 22, 3, pp. 7-12. ISSN 12293008., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

19. [1] MUSSO, Andrea - BRESCHI, Marco - RIBANI, Pier Luigi - GRILLI, Francesco. Analysis of AC Loss Contributions from Different Layers of HTS Tapes Using the A-V Formulation Model. In *IEEE Transactions on Applied Superconductivity*, 2021, 31, 2, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

20. [1] GRILLI, Francesco. Calculating the full-range dynamic loss of HTS wires in an instant. In *SUPERCONDUCTOR SCIENCE & TECHNOLOGY*, 2021, vol. 34, no. 2, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

21. [1] HAJIRI, Ghazi - BERGER, Kevin - DORGET, Remi - LEVEQUE, Jean - CARON, Herve. Thermal and Electromagnetic Design of DC HTS Cables for the Future French Railway Network. In *IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY*, 2021, vol. 31, no. 5, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

22. [1] SUN, Yueming - FANG, Jin - SIDOROV, Gennady - LI, Quan - BADCOCK, Rodney A. - LONG, Nicholas J. - JIANG, Zhenan. Total loss measurement and simulation in a REBCO coated conductor carrying DC current in

perpendicular AC magnetic field at various temperatures. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY, 2021, vol. 34, no. 6, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

23. [1] GRILLI, Francesco - ABRAHAM, Sunny - BRAMBILLA, Roberto. AC loss calculation in high-temperature superconductor wires and windings with analytical and numerical models: Influence of $J_c(B)$ dependence. In Journal of Physics: Conference Series, 2021, 1975, 1, pp. ISSN 17426588., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

24. [1] SUN, Yueming - FANG, Jin - PANTOJA, Andres E. - BADCOCK, Rodney A. - LONG, Nicholas J. - JIANG, Zhenan. Role of asymmetric critical current on magnetization loss characteristics of (RE)Ba₂Cu₃O_{7-d} coated conductors at various temperatures. In Journal of Applied Physics, 2021, 130, 8, pp. ISSN 00218979., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

25. [1] HAJIRI, Ghazi - BERGER, Kévin - DORGET, Rémi - LÉV QUE, Jean - CARON, Hervé. Design and modelling tools for DC HTS cables for the future railway network in France. In Superconductor Science and Technology, 2022-02-01, 35, 2, pp. ISSN 09532048., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

26. [1] NIU, Mengdie - YONG, Huadong - ZHOU, Youhe. 3D modelling of coupled electromagnetic-mechanical responses in REBCO coils involving tape inhomogeneity. In Superconductor Science and Technology, 2022-05-01, 35, 5, pp. ISSN 09532048., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_18

ŠIMEG VETERNÍKOVÁ, Jana - DEGMOVÁ, Jarmila - PEKARČÍKOVÁ, Marcela - ŠIMKO, František - PETRISKA, Martin - SKARBA, Michal - MIKULA, Peter - PUPALA, Martin. Thermal stability study for candidate stainless steels of GEN IV reactors. In *Applied Surface Science*. Vol. 387, (2016), s. 965-970. ISSN 0169-4332 (2016: 3.387 - IF, Q1 - JCR Best Q, 0.958 - SJR, Q1 - SJR Best Q). V databáze: CC: 000381251100118 ; WOS ; SCOPUS: 2-s2.0-84978271672 ; MLJ.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] PAVLOVIC, Marius - HAMMERLE, Andreas. Ranges of protons in biological targets. In JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, 2017, vol. 68, no. 4, pp. 306-311. ISSN 1335-3632., Registrované v: SCOPUS, WOS

Ohlas: domáci

2. [1] MONTEIRO, Sergio Neves - CASSIANO NASCIMENTO, Lucio Fabio - LIMA, Edio Pereira, Jr. - DA LUZ, Fernanda Santos - LIMA, Eduardo Sousa - BRAGA, Fabio de Oliveira. Strengthening of stainless steel weldment by high temperature precipitation. In JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, 2017, vol. 6, no. 4, pp. 385-389. ISSN 2238-7854., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

3. [1] TUNC, Guven - SAHIN, Haci Mehmet - SAHIN, Sumer. Evaluation of the radiation damage parameters of ODS steel alloys in the first wall of deuterium-tritium fusion-fission (hybrid) reactors. In INTERNATIONAL JOURNAL OF ENERGY RESEARCH, 2018, vol. 42, no. 1, pp. 198-206. ISSN 0363-907X., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

4. [1] MONTEIRO, Sergio Neves - BRANDAO, Luiz Paulo Mendonca - PAULA, Andersan dos Santos - ELIAS, Carlos Nelson - PEREIRA, Artur Camposo - DE ASSIS, Foluke Salgado - DE ALMEIDA, Luiz Henrique - ARAUJO, Leonardo Sales. Creep Fracture Mechanisms and Maps in Aisi Type 316 Austenitic Stainless Steels from Distinct Origins. In MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, 2017, vol. 20, no., pp. 892-898. ISSN 1516-1439., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

5. [1] MONTEIRO, Sergio Neves - DA LUZ, Fernanda Santos - PINHEIRO, Wagner Anacleto - MENDONCA BRANDAO, Luiz Paulo - BRAGA, Fabio de Oliveira - DE ASSIS, Foluke Salgado. Creep Parameters and Dislocation Substructure in AISI 316 Austenitic Stainless Steel From 600 degrees C to 800 degrees C. In MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, 2017, vol. 20, no., pp. 231-235. ISSN 1516-1439., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

6. [1] XU, Chi - CHEN, Wei Ying - CHEN, Yiren - YANG, Yong. Microstructural evolution of NF709 austenitic stainless steel under in-situ ion irradiations at room temperature, 300, 400, 500 and 600 °C. In Journal of Nuclear Materials, 2018, 509, pp. 644-653. ISSN 0022-3115., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

7. [1] ZHAO, Dandan - LI, Shilei - WANG, Yanli - LIU, Fang - WANG, Xitao. Investigation of ion irradiation hardening behaviors of tempered and long-term thermal aged T92 steel. In JOURNAL OF NUCLEAR MATERIALS, 2018, vol. 511, no., pp. 191-199. ISSN 0022-3115., Registrované v: WOS, SCOPUS, CC

Ohlas: zahraničný

8. [1] TITOUCHE, Nacer Eddine - BOUKHAROUBA, Taoufik - AMZERT, Sid Ahmed - JABBAR HASSAN, Ammar - LECHELAH, Ramzi - RAMTANI, Salah. Direct drive friction welding effect on mechanical and electrochemical characteristics of titanium stabilized austenitic stainless steel (AISI 321) research reactor thick tube. In Journal of Manufacturing Processes, 2019, 41, pp. 273-283. ISSN 15266125., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

9. [1] ROY, Trishita - SHIVAM, Vikas - CHATTOPADHYAY, Kausik - MANNA, R. - MUKHOPADHYAY, N. K. Microstructural Evolution and Mechanical Properties of Nano-Yttria Dispersed 316 L Austenitic Stainless Steel by Mechanical Alloying and Sintering. In Transactions of the Indian Institute of Metals, 2021, 74, 8, pp. 2093-2104. ISSN 09722815., Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

V3_19	<p>ŠOUC, Ján - GÖMÖRY, Fedor - SOLOVYOV, Mykola - VOJENČIAK, Michal - KUJOVIČ, Tomáš - SEILER, E. - KOVÁČ, Ján - FROLEK, Ľubomír - BEHÚLOVÁ, Mária - JANOVEC, Jozef - CUNINKOVÁ, Eva - MIŠÍK, Jozef - PEKARČÍKOVÁ, Marcela - SKARBA, Michal. CORC-like cable production and characterization of the solenoid made from it. In <i>Superconductor Science and Technology</i>. Vol. 32, no. 3 (2019), s. 1-7. ISSN 0953-2048 (2019: 3.067 - IF, Q2 - JCR Best Q, 0.991 - SJR, Q1 - SJR Best Q). V databáze: DOI: 10.1088/1361-6668/aaf9ee; CC: 000457531600002; SCOPUS: 2-s2.0-85062456904; WOS: 000457531600002.</p> <p>Kategória publikácie do 2021: ADC</p>
V3_20	<p>TIXADOR, Pascal - BAUER, Markus - BRUZEK, Christian-Eric - CALLEJA, Albert - DEUTSCHER, Guy - DUTOIT, Bertrand - GÖMÖRY, Fedor - MARTINI, Luciano - NOE, Mathias - OBRADORS, Xavier - PEKARČÍKOVÁ, Marcela - SIROIS, Frédéric. Status of the European Union Project FASTGRID. In <i>IEEE Transactions on Applied Superconductivity</i>. Vol. 29, iss. 5 (2019), s. 1-5. ISSN 1051-8223 (2019: 0.419 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1109/TASC.2019.2908586; SCOPUS: 2-s2.0-85065401829; WOS: 000467072500001; CC: 000467072500001.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <ol style="list-style-type: none"> 1. [1] SUN, Jianlong - DU, Jian - LI, Yan - MO, Siming - CAI, Yuan - YUAN, Wen - MA, Tao. Design and Performance Test of a 20-kV DC Superconducting Fault Current Limiter. In <i>IEEE Transactions on Applied Superconductivity</i>, 2020, 30, 2, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 2. [1] LI, Bin - WANG, Changqi - HONG, Wei - YANG, Song - XIN, Ying. Modeling of the DC Inductive Superconducting Fault Current Limiter. In <i>IEEE Transactions on Applied Superconductivity</i>, 2020, 30, 4, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 3. [1] QIU, Qingquan - XIAO, Liye - ZHANG, Jingye - ZHANG, Zhifeng - SONG, Naihao - JING, Liwei - ZHA, Wenhan - DU, Xiaoji - TENG, Yuping - ZHOU, Zhihao - ZHANG, Guomin - XIA, Dong. Design and test of 40-kV/2-kA DC superconducting fault current limiter. In <i>IEEE Transactions on Applied Superconductivity</i>, 2020, 30, 6, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 4. [1] LI, Bin - WANG, Changqi - YE, Shilei - YANG, Song - XIN, Ying - WEN, Weijie - HONG, Wei - SHENG, Chao. R-Qcurve based evaluation method for current-limiting performance of DC R-SFCL in high voltage DC system. In <i>SUPERCONDUCTOR SCIENCE & TECHNOLOGY</i>, 2020, vol. 33, no. 8, pp. ISSN 0953-2048., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 5. [1] YE, Jiachao - LIU, Linfei - LIU, Shunfan - MOU, Shaojing - LI, Yijie. Preparing pure C-axis oriented SrTiO₃ film on CeO₂ film by introducing a nano-Y_{0.5}Gd_{0.5}Ba₂Cu₃O₇-delta layer. In <i>CERAMICS INTERNATIONAL</i>, 2020, vol. 46, no. 14, pp. 21989-21994. ISSN 0272-8842., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 6. [1] XIANG, Bin - LUO, Jinhui - GAO, Lei - LIU, Zhiyuan - GENG, Yingsan - WANG, Jianhua - YANABU, Satoru. Study on the Parameter Requirements for Resistive-Type Superconducting Fault Current Limiters Combined with Mechanical DC Circuit Breakers in Hybrid AC/DC Transmission Grids. In <i>IEEE Transactions on Power Delivery</i>, 2020, 35, 6, pp. 2865-2875. ISSN 08858977., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 7. [1] FINK, Stefan - ZWECKER, Volker. DC breakdown tests with pressurized liquid nitrogen. In <i>Proceedings of the 2020 IEEE 3rd International Conference on Dielectrics, ICD 2020</i>, 2020, pp. 93-96., Registrované v: SCOPUS, WOS Ohlas: zahraničný 8. [1] XI, Jiawen - PEI, Xiaoze - SONG, Wenjuan - XIANG, Bin - LIU, Zhiyuan - ZENG, Xianwu. Experimental Tests of DC SFCL Under Low Impedance and High Impedance Fault Conditions. In <i>IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY</i>, 2021, vol. 31, no. 5, pp. ISSN 1051-8223., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 9. [1] WANG, Changqi - LI, Bin - XIN, Ying - SHENG, Chao - SONG, Meng. Review on Research and Application of High-temperature Superconducting DC Fault Current Limiter. In <i>Dianli Xitong Zidonghua/Automation of Electric Power Systems</i>, 2021, 45, 18, pp. 179-191. ISSN 10001026., Registrované v: SCOPUS Ohlas: zahraničný 10. [1] WANG, Changqi - LI, Bin - HONG, Wei - XIN, Ying - LI, Wenxin - LI, Chao - YANG, Song. Study on Sustainable Current-Limiting Capability of a Saturation-Based dc I-SFCL Prototype. In <i>IEEE Transactions on Applied Superconductivity</i>, 2021, 31, 5, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 11. [1] SONG, Wenjuan - PEI, Xiaoze - ALAFNAN, Hamoud - XI, Jiawen - ZENG, Xianwu - YAZDANI-ASRAMI, Mohammad - XIANG, Bin - LIU, Zhiyuan. Experimental and Simulation Study of Resistive Helical HTS Fault Current Limiters: Quench and Recovery Characteristics. In <i>IEEE Transactions on Applied Superconductivity</i>, 2021, 31, 5, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 12. [1] SANTOS, Gabriel Dos - MARTINS, Flavio Goulart R. - SASS, Felipe - SOTELO, Guilherme Goncalves - MORANDI, Antonio - GRILLI, Francesco. A 3-D Finite-Element Method Approach for Analyzing Different Short Circuit Types in a Saturated Iron Core Fault Current Limiter. In <i>IEEE Transactions on Applied Superconductivity</i>, 2022-04-01, 32, 3, pp. ISSN 10518223., Registrované v: SCOPUS, WOS, CC Ohlas: zahraničný 13. [1] HAYAKAWA, Naoki - MORI, Yuji - KOJIMA, Hiroki. Volume Effect of Dynamic Breakdown Strength in Liquid Nitrogen Under Transient Bubble Disturbance for Resistive Superconducting Fault Current Limiters. In <i>IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION</i>, 2022, vol. 29, no. 1, pp. 264-269. ISSN 1070-9878.,

Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

V3_21 TIXADOR, Pascal - AKBAR, A. - BAUER, M. - BOCCHI, M. - CALLEJA, Albert - CREUSOT, C. - DEUTSCHER, Guy - GÖMÖRY, Fedor - NOE, Mathias - OBRADORS, Xavier - PEKARČÍKOVÁ, Marcela - SIROIS, Frédéric. Some Results of the EU Project FASTGRID. In *IEEE Transactions on Applied Superconductivity*. Vol. 32, iss. 4 (2022), s. 1-6. ISSN 1051-8223 (2021: 1.949 - IF, Q3 - JCR Best Q, 0.443 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.1109/TASC.2022.3151318 ; SCOPUS: 2-s2.0-85124847798 ; WOS: 000770593900006 ; CC: 000770593900006.

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

V3_22 VETERNÍKOVÁ, Jana - DEGMOVÁ, Jarmila - ŠIMKO, František - PEKARČÍKOVÁ, Marcela - SOJAK, Stanislav - SLUGEŇ, Vladimír. Positron study of steel NF 709 after irradiation and thermal strain. In *Nuclear Instruments & Methods in Physics Research Section B - Beam Interactions with Materials and Atoms*. Vol. 365, Part. A, (2015), s. 309-312. ISSN 0168-583X (2015: 1.389 - IF, Q1 - JCR Best Q, 0.722 - SJR, Q1 - SJR Best Q). V databáze: MLJ ; CC: 000366786900069 ; SCOPUS ; WOS. Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] PAVLOVIC, Marius - HAMMERLE, Andreas. Ranges of protons in biological targets. In *JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS*, 2017, vol. 68, no. 4, pp. 306-311. ISSN 1335-3632.,

Registrované v: SCOPUS, WOS

Ohlas: domáci

XXX XXX

_01 BAUNACK, S. - MENZEL, S. - PEKARČÍKOVÁ, Marcela - SCHMIDT, H. - ALBERT, M. - WETZIG, K. AES and SIMS investigation of diffusion barriers for copper metallization in power-SAW devices. In *Analytical and Bioanalytical Chemistry : 12th conference on Applied Surface Analysis (AOFA 12), Germany, Sep 15-19 2002*. Vol. 375, Iss. 7 (2003), s.891-895. ISSN 1618-2642 (2003: 1.715 - IF, Q2 - JCR Best Q, 0.788 - SJR, Q2 - SJR Best Q). V databáze: WOS.

Ohlasy:

1. [1] CORDILL, Megan J. - TAYLOR, Aldan - SCHALKO, Johannes - DEHM, Gerhard. Microstructure and adhesion of as-deposited and annealed Cu/Ti films on polyimide. In *International Journal of Materials Research*, 2011, vol. 102, iss. 6, s.729-734.

Ohlas: zahraničný

_02 BOSÝ, Marcel. *Charakterizácia vrstiev v páskových supravodičoch na báze prvkov vzácnych zemín*. Trnava : STU v Bratislave MTF UMAT, 2013. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=102761>.

_03 BOSÝ, Marcel. *Štúdium štruktúrnych nehomogenít supravodivých vrstiev na báze (RE)BCO v priečnom reze*. 2015. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=110221>.

_04 CUNINKOVÁ, Eva - PEKARČÍKOVÁ, Marcela - FROLEK, Ľubomír - NECPAL, Martin - MIŠÍK, Jozef - GÖMÖRY, Fedor - SKARBA, Michal. Overlap joints of CC tapes tested by thermal cycling and mechanical load. In *Coated Conductors for Applications. CCA 2018 [elektronický zdroj] : Workshop 2018. September 10-13, 2018, Vienna, Austria*. 1. vyd. Vienna : Technische Universität Wien, 2018, USB kľúč, s. 31. Kategória publikácie do 2021: BFA

_05 DRIENOVSKÝ, Marián - MICHALCOVÁ, Eva - PEKARČÍKOVÁ, Marcela - PALCUT, Marián - FROLEK, Ľubomír - GÖMÖRY, Fedor. Induction soldering of coated conductor high temperature superconducting tapes with lead-free solder alloys. In *EUCAS 2017 [elektronický zdroj] : 13th European Conference on Applied Superconductivity. Geneva, 17. - 21. september 2017*. 1. vyd. Geneva : European Society for Applied Superconductivity, 2017, online, s. 1. Kategória publikácie do 2021: BFA

_06 FANČOVIČOVÁ, Eva. *Štúdium štruktúrnych nehomogenít vysokoteplotných páskových supravodičov prostredníctvom rastrovej elektrónovej mikroskopie*. Trnava : STU v Bratislave MTF UMAT, 2014. 51s. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=99471>.

_07 GÖMÖRY, Fedor - ŠOUC, Ján - VOJENČIAK, Michal - MOŠAĽ, Marek - PEKARČÍKOVÁ, Marcela - LACROIX, Christian - SIROIS, Frédéric. Hot spot creation in coated conductors used for fault current limitation. In *EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow*. 1. vyd, 2019, Art. no. 2-MO-CP-04S, S. 137. Kategória publikácie do 2021: BFA

_08 HULAČOVÁ, Simona. *Lead-free soldering of superconducting tapes using different fluxes*. 2020. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=141354>.

_09 HULAČOVÁ, Simona. *Study of high-temperature superconducting tape edges after application of technologies used for AC loss reduction*. 2022. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=164198>.

_10 KONÍČEK, Marek. *Analýza povlakov pre odvod tepla v supravodivých páskach vhodných pre obmedzovače skratových prúdov*. 2018. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=138456>.

_11 KONOPKA, Pavol - SKARBA, Michal - PEKARČÍKOVÁ, Marcela - SOLOVYOV, M. - JANOVEC, Jozef. Investigation of mechanical properties of (RE)BCO base coated conductors. In *EUCAS 2013 : 11th European Conference on Applied Superconductivity. Italy, Genova. September 15-19, 2013. Abstract Book*. [s.l.] : European Society for Applied

	Superconductivity, 2013, s.382. Kategória publikácie do 2021: AFG
_12	KONOPKA, Pavol - PEKARČÍKOVÁ, Marcela - SKARBA, Michal - JANOVEC, Jozef. Inhomogeneities in the structure of high temperature superconducting layer. In <i>IDS 2013. International Doctoral Seminar 2013 [elektronický zdroj] : Proceedings of the 8th International Doctoral Seminar (IDS 2013), Dubrovnik, 13 - 15 May 2013</i> . Zagreb : University of Zagreb, 2013, s.CD-ROM, p. 159-165. ISBN 978-953-6071-40-1. Kategória publikácie do 2021: AFC
_13	MENZEL, S. - PEKARČÍKOVÁ, Marcela - HOFMANN, M. - GEMMING, T. - WETZIG, K. Material transport in Al-metallizations of power-loaded SAW structures. In <i>Applied Surface Science : 13 th Applied Surface Analysis Workshop, Germany, SEP 14-17, 2004</i> . Vol. 252, Iss. 1 (2005), s.215-217. ISSN 0169-4332 (2005: 1.263 - IF, Q2 - JCR Best Q, 0.689 - SJR, Q1 - SJR Best Q). V databáze: WOS. Ohlasy: 1. [1] EBERL, Christoph - COURTY, Diana - WALCKER, Astrid - KRAFT, Oliver. Stress-gradient induced fatigue at ultra high frequencies in sub micron thin metal films. In <i>International Journal of Materials Research</i> , 2012, vol. 103, iss. 1, s.80-86. Ohlas: zahraničný 2. [1] EBERL, Christoph - RIESCH-OPPERMANN, Heinz - SPOLENAK, Ralph - KUBAT, Franz - RUILE, Werner - COURTY, Diana - KRAFT, Oliver. In situ Observations and Quantitative Analysis of Short Circuit Probability Due to Ultrahigh Frequency Fatigue. In <i>IEEE Transactions on Device and Materisla Reliability</i> , 2010, vol. 10, iss. 3, s.366-373. Ohlas: zahraničný 3. [1] NÜSSL, R. - JEWULA, T. - RUILE, W. - SULIMA, T. - HANSCH, W. Correlation between texture and mechanical stress durability of thin aluminum films. In <i>Thin Solid Films</i> , 2014, vol. 556, s.376-380., Registrované v: CC Ohlas: zahraničný 4. [1] FU, Sulei - WANG, Weibiao - XIAO, Li - LU, Zengtian - LI, Qi - SONG, Cheng - ZENG, Fei - PAN, Feng. Texture-enhanced Al-Cu electrodes on ultrathin Ti buffer layers for high-power durable 2.6 GHz SAW filters. In <i>AIP Advances</i> , 2018, 8, 4, pp. ISSN 2158-3226., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 5. [1] LI, Qi - FU, Su-Lei - SONG, Cheng - WANG, Guang-Yue - ZENG, Fei - PAN, Feng. Improved resistance to electromigration and acoustomigration of Al interdigital transducers by Ni underlayer. In <i>RARE METALS</i> , 2018, vol. 37, no. 10, pp. 823-830. ISSN 1001-0521., Registrované v: WOS, SCOPUS Ohlas: zahraničný 6. [1] NICOLAY, Pascal - CHAMBON, Hugo - BRUCKNER, Gudrun - GRUBER, Christian - BALLANDRAS, Sylvain - COURJON, Emilie - STADLER, Matthias. A LN/Si-Based SAW Pressure Sensor. In <i>SENSORS</i> , 2018, vol. 18, no. 10, pp. ISSN 1424-8220., Registrované v: WOS, SCOPUS Ohlas: zahraničný
_14	MICHALCOVÁ, Eva - BEHÚLOVÁ, Mária - GÖMÖRY, Fedor - PEKARČÍKOVÁ, Marcela - FROLEK, Ľubomír - ŠOUC, Ján, Ing - SKARBA, Michal. Structural modelling of REBCO CC tapes in TORT cables. In <i>EUCAS 2017 [elektronický zdroj] : 13th European Conference on Applied Superconductivity. Geneva, 17. - 21. september 2017</i> . 1. vyd. Geneva : European Society for Applied Superconductivity, 2017, online, s. 1. Kategória publikácie do 2021: BFA
_15	MIKULÁŠOVÁ, Edita - SOJKOVÁ, Michaela - PEKARČÍKOVÁ, Marcela - VOJENČIAK, Michal - GÖMÖRY, Fedor. Low temperature bonding of non-stabilized coated conductors tapes. In <i>EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow</i> . 1. vyd, 2019, Art. no. 3-MP-CC3-S11, S. 171. Kategória publikácie do 2021: BFA
_16	MIŠÍK, Jozef - PEKARČÍKOVÁ, Marcela - JANOVEC, Jozef. Structural characterization of (RE)BCO layer deposited by PLD and MOCVD techniques. In <i>IDS 2014. International Doctoral Seminar 2014 [elektronický zdroj] : Proceedings of the 9th International Doctoral Seminar (IDS 2014), Zielona Góra, Poland, May 19 -21, 2014</i> . 1. vyd. Zielona Góra : University of Zielona Góra, 2014, DVD-ROM, s. 128-134. ISBN 978-80-8096-195-4. Kategória publikácie do 2021: AFC
_17	MIŠÍK, Jozef - PEKARČÍKOVÁ, Marcela - DRIENOVSKÝ, Marián - KRAJČOVIČ, Jozef - CUNINKOVÁ, Eva - VOJENČIAK, Michal - GÖMÖRY, Fedor. Resistive composite heat sink material for superconducting tape in FCL applications. In <i>Coated Conductors for Applications. CCA 2018 [elektronický zdroj] : Workshop 2018. September 10-13, 2018, Vienna, Austria</i> . 1. vyd. Vienna : Technische Universität Wien, 2018, USB kľúč, s. 81. Kategória publikácie do 2021: BFA
_18	MOŠAĎ, Marek - VOJENČIAK, Michal - GÖMÖRY, Fedor - ŠOUC, Ján - PEKARČÍKOVÁ, Marcela. HTS coated conductor current limiting performance at temperatures lower than 77 K. In <i>EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow</i> . 1. vyd, 2019, Art. no. 2-LP-FCT-S06, S. 116. Kategória publikácie do 2021: BFA
_19	PACHER, Dávid. <i>Vplyv tepelného cyklovania na mikroštruktúru modifikovaných supravodivých pásov pre obmedzovače skratových prúdov</i> . 2020. Dostupné na internete: < http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=151377 >.
_20	PEKARČÍKOVÁ, Marcela - MENZEL, S. - REITZ, D. - SCHMIDT, H. - WETZIG, K. Investigation of high performance Ta-Si-N/Cu-Ta-Si-N metallization system for SAW devices. In <i>Microelectronic Engineering : European Workshop on Materials for</i>

Advanced Metallization, Germany, MAR 06-09, 2005. Vol. 82, Iss. 3-4 (2005), s.607-612. ISSN 0167-9317 (2005: 1.347 - IF, Q1 - JCR Best Q, 0.952 - SJR, Q1 - SJR Best Q). V databáze: WOS.

Ohlasy:

1. [1] CHUNG, C. K. - CHANG, Y. L. - CHEN, T. S. Influence of substrate bias on the resistivity and TCR of nanostructured Ta-Si-N films. 2009In 4th IEEE International Conference on Nano/Micro Engineered and Molecular Systems, NEMS 2009, s.551-554. ISBN 978-142444630-8.

Ohlas: zahraničný

2. [1] EBERL, Christoph - COURTY, Diana - WALCKER, Astrid - KRAFT, Oliver. Stress-gradient induced fatigue at ultra high frequencies in sub micron thin metal films. In International Journal of Materials Research, 2012, vol. 103, iss. 1, s.80-86.

Ohlas: zahraničný

_21

PEKARČIKOVÁ, Marcela - MENZEL, S. - WENDROCK, H. - WETZIG, K. Electron back scattered diffraction study of acoustomigration damage in Al/Ti metallization for SAW devices. In *Microelectronic Engineering : European Workshop on Materials for Advanced Metallization, Germany, MAR 06-09, 2005*. Vol. 82, Iss. 3-4 (2005), s.650-654. ISSN 0167-9317 (2005: 1.347 - IF, Q1 - JCR Best Q, 0.952 - SJR, Q1 - SJR Best Q). V databáze: WOS.

Ohlasy:

1. [1] WUNNICKE, Olaf - VAN DER WEL, Paul J. - STRIJBOS, Remeo C. - DE BRUJIN, Frank. Thermal Behavior of BAW Filters at High RF Power Levels. In IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control, 2009, vol. 56, no. 12, s.2686-2692.

Ohlas: zahraničný

2. [1] VOGEL, U. - GEMMING, T. - ECKERT, J. - OSWALD, S. Analysis of surface pre-treatment for SAW-substrate material (LiNbO3) and deposited thin films of Ta/Ti using ARXPS. In Surface and Interface Analysis, 2014, vol. 46, iss. 10-11, s.1033-1038., Registrované v: CC

Ohlas: zahraničný

3. [1] VOGEL, U. - GEMMING, T. - ECKERT, J. - OSWALD, S. Analysis of the thermal and temporal stability of Ta and Ti thin films onto SAW-substrate materials (LiNbO3 and LiTaO3) using AR-XPS. In SURFACE AND INTERFACE ANALYSIS, 2016, vol. 48, no. 7, pp. 570-574. ISSN 0142-2421., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

4. [1] VOGEL, U. - OSWALD, S. - ECKERT, J. Interface and stability analysis of Tantalum- and Titanium nitride thin films onto Lithiumniobate. In Applied Surface Science, 2017, 425, pp. 254-260. ISSN 0169-4332., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

_22

PEKARČIKOVÁ, Marcela - HOFMANN, M. - MENZEL, S. - SCHMIDT, H. - GEMMING, T. - WETZIG, K. Investigation of high power effects on Ti/Al and Ta-Si-N/Cu-Ta-Si-N electrodes for SAW devices. In *IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control*. Vol. 52, Iss. 5 (2005), s.911-917. ISSN 0885-3010 (2005: 1.819 - IF, Q1 - JCR Best Q, 1.104 - SJR, Q1 - SJR Best Q). V databáze: WOS ; SCOPUS ; MLJ.

Ohlasy:

1. [1] HIRST, Evan R. - YUAN, Yong J. - XU, W. L. - BRONLUND, J. E. Bond-rupture immunosensors - A review. In Biosensors and Bioelectronics, 2008, vol. 23, iss. 12, s.1759-1768.

Ohlas: zahraničný

2. [1] YUDISTIRA, Didit - Boes, Andreas - Rezk, Amgad R. - Yeo, Leslie Y. - Friend, James R. - Mitchell, Arnan. UV Direct Write Metal Enhanced Redox (MER) Domain Engineering for Realization of Surface Acoustic Devices on Lithium Niobate. In ADVANCED MATERIALS INTERFACES, 2014, vol. 1, no. 4, pp. ISSN 2196-7350., Registrované v: WOS, CC

Ohlas: zahraničný

3. [1] LI, Qi - FU, Sulei - WANG, Rong - SONG, Cheng - ZENG, Fei - PAN, Feng. Enhanced power durability of surface acoustic wave filter with Al/Ti/Cu/Ti electrodes. In Journal of Alloys and Compounds, 2018, 740, pp. 222-228. ISSN 0925-8388., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

4. [1] COLLIGNON, Sean - MANOR, Ofer - FRIEND, James. Improving and Predicting Fluid Atomization via Hysteresis-Free Thickness Vibration of Lithium Niobate. In ADVANCED FUNCTIONAL MATERIALS, 2018, vol. 28, no. 8, pp. ISSN 1616-301X., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

5. [1] CONNACHER, William - ZHANG, Naiqing - HUANG, An - MEI, Jiyang - ZHANG, Shuai - GOPESH, Tilwala - FRIEND, James. Micro/nano acoustofluidics: materials, phenomena, design, devices, and applications. In LAB ON A CHIP, 2018, vol. 18, no. 14, pp. 1952-1996. ISSN 1473-0197., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

6. [1] QIU, Luyan - OMORI, Tatsuya - HASHIMOTO, Ken-ya. Power durability measurement of radio frequency surface acoustic wave and bulk acoustic wave devices taking the influence of their temperature dependences into account. In JAPANESE JOURNAL OF APPLIED PHYSICS, 2018, vol. 57, no. 7, pp. ISSN 0021-4922., Registrované v: SCOPUS, CC, WOS

Ohlas: zahraničný

7. [1] LI, Qi - FU, Su-Lei - SONG, Cheng - WANG, Guang-Yue - ZENG, Fei - PAN, Feng. Improved resistance to electromigration and acoustomigration of Al interdigital transducers by Ni underlayer. In RARE METALS, 2018, vol. 37, no. 10, pp. 823-830. ISSN 1001-0521., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

8. [1] PAQUIT, Melvin - DJOUMI, Lyes - VANOTTI, Meddy - SOUMANN, Valerie - MARTIN, Gilles - BLONDEAU-PATISSIER, Virginie - BARON, Thomas. Displacement of Microparticles on Surface Acoustic Wave Delay Line using High RF Power. In 2018 IEEE INTERNATIONAL ULTRASONICS SYMPOSIUM (IUS), 2018, vol., no., pp. ISSN 1948-5719.,

Registrované v: WOS, SCOPUS

Ohlas: zahraničný

9. [1] MEI, Jiyang - ZHANG, Naiqing - FRIEND, James. Fabrication of Surface Acoustic Wave Devices on Lithium Niobate. In JOVE-JOURNAL OF VISUALIZED EXPERIMENTS, 2020, vol., no. 160, pp. ISSN 1940-087X.,

Registrované v: WOS, SCOPUS

Ohlas: zahraničný

10. [1] ACHAHBAR, Hala - BERNARD, Florent - COURJON, Emilie - BARON, Thomas - BALANDRAS, Sylvain. Growth of textured aluminum films on LiNbO₃ piezoelectric substrate with ultrathin tantalum underlayer. In 2020 Symposium on Design, Test, Integration and Packaging of MEMS and MOEMS, DTIP 2020, 2020, pp., Registrované v: SCOPUS

Ohlas: zahraničný

- _23 PEKARČIKOVÁ, Marcela - SKARBA, Michal - KONOPKA, Pavol - JANOVEC, Jozef. Study of crystal orientation in (RE)BCO-based HTS tapes. In *EUCAS 2013 : 11th European Conference on Applied Superconductivity. Italy, Genova. September 15-19, 2013. Abstract Book*. [s.l.] : European Society for Applied Superconductivity, 2013, s.378.
Kategória publikácie do 2021: AFG
- _24 PEKARČIKOVÁ, Marcela - MICHALCOVÁ, Eva - FROLEK, Ľubomír - ŠOUK, Ján, Ing - GOGOLA, Peter - SKARBA, Michal - MIŠÍK, Jozef - GÖMÖRY, Fedor. Effect of mechanical loading on high temperature superconducting tapes during bending of round cables. In *EUCAS 2017 [elektronický zdroj] : 13th European Conference on Applied Superconductivity. Geneva, 17. - 21. september 2017*. 1. vyd. Geneva : European Society for Applied Superconductivity, 2017, online, s. 1.
Kategória publikácie do 2021: BFA
- _25 PEKARČIKOVÁ, Marcela - DRIENOVSKÝ, Marián - KRAJČOVIČ, Jozef - MIŠÍK, Jozef - CUNINKOVÁ, Eva - HÚLAN, Tomáš - VOJENČIAK, Michal - GÖMÖRY, Fedor. Analysis of thermo-physical properties of materials suitable as thermal stabilization of superconducting tapes for high voltage superconducting fault current limiters. In *CCTA13 [elektronický zdroj] : 13th Conference on Calorimetry and Thermal Analysis of the Polish Society of Calorimetry and Thermal Analysis (CCTA 13), 2-6 September 2018, Zakopane, Poland*. 1. vyd. [LUBLIN] : [UMCS], 2018, s. 96-97.
Kategória publikácie do 2021: BFA
- _26 PEKARČIKOVÁ, Marcela - CUNINKOVÁ, Eva - MIŠÍK, Jozef - VOJENČIAK, Michal - MOŠAĎ, Marek - SKARBA, Michal - HALANDA, Juraj - NECPAL, Martin - GÖMÖRY, Fedor. Investigation of CC tapes with soldered metallic high heat capacity layer suitable for superconducting fault current limiters. In *Coated Conductors for Applications. CCA 2018 [elektronický zdroj] : Workshop 2018. September 10-13, 2018, Vienna, Austria*. 1. vyd. Vienna : Technische Universität Wien, 2018, USB kľúč, s. 80.
Kategória publikácie do 2021: BFA
- _27 PEKARČIKOVÁ, Marcela - MIŠÍK, Jozef - SKARBA, Michal - NECPAL, Martin - VOJENČIAK, Michal - MOŠAĎ, Marek - GÖMÖRY, Fedor. Study of CC tapes damaged during fault current limitation at 66K. In *EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow*. 1. vyd, 2019, Art. no. 2-LP-FCT-S15, S. 117.
Kategória publikácie do 2021: BFA
- _28 RIES, Rastislav - MOŠAĎ, Marek - GÖMÖRY, Fedor - VOJENČIAK, Michal - SEILER, Eugen - PEKARČIKOVÁ, Marcela - CUNINKOVÁ, Eva - MIŠÍK, Jozef. Characterizing of superconducting tape quality by measuring magnetic AC susceptibility. In *Coated Conductors for Applications. CCA 2018 [elektronický zdroj] : Workshop 2018. September 10-13, 2018, Vienna, Austria*. 1. vyd. Vienna : Technische Universität Wien, 2018, USB kľúč, s. 51.
Kategória publikácie do 2021: BFA
- _29 SCHMIDT, H. - PEKARČIKOVÁ, Marcela - MENZEL, S. - HOFMANN, M. - KUNZE, R. Investigation of Al/Ti metallization performance in terms of acoustomigration stability. In *IEEE Ultrasonics symposium : Vol. 4. Piscataway : IEEE, 2005, s.1884-1887. ISBN 0-7803-9382-1*.
Ohlasy:
1. [1] VOGEL, U. - GEMMING, T. - ECKERT, J. - OSWALD, S. Analysis of surface pre-treatment for SAW-substrate material (LiNbO₃) and deposited thin films of Ta/Ti using ARXPS. In *Surface and Interface Analysis, 2014, vol. 46, iss. 10-11, s.1033-1038.*, Registrované v: CC
Ohlas: zahraničný
2. [1] VOGEL, U. - OSWALD, S. - ECKERT, J. Interface and stability analysis of Tantalum- and Titanium nitride thin films onto Lithiumniobate. In *Applied Surface Science, 2017, 425, pp. 254-260. ISSN 0169-4332.*, Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
- _30 SKARBA, Michal - PEKARČIKOVÁ, Marcela - KONOPKA, Pavol - JANOVEC, Jozef. Structural inhomogeneities in (RE)BCO layer. In *EUCAS 2013 : 11th European Conference on Applied Superconductivity. Italy, Genova. September 15-19, 2013. Abstract Book*. [s.l.] : European Society for Applied Superconductivity, 2013, s.371.
Kategória publikácie do 2021: AFG
- _31 SKARBA, Michal - PEKARČIKOVÁ, Marcela - CUNINKOVÁ, Eva - MIŠÍK, Jozef - NECPAL, Martin - FROLEK, Ľubomír - GÖMÖRY, Fedor. Thermal cycling of overlap joints of CC tapes. In *EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow*. 1. vyd, 2019, S. 170.
Kategória publikácie do 2021: BFA

- _32 SPÁL, Boris. *Charakterizácia jednotlivých vrstiev v supravodivých páskach na báze (RE)BCO od rôznych výrobcov*. 2015. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=96655>.
- _33 SPÁL, Boris. *Analýza vplyvu ohýbania vysokoteplotných supravodivých káblov navíjaných konceptom TORT na poškodenie štruktúry (RE)BCO vrstiev*. 2017. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=129932>.
- _34 STANOVIČOVÁ, Silvia. *Thermal stabilization of superconducting tapes for fault current limiters*. 2019. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=143705>.
- _35 ŠIMEG VETERNÍKOVÁ, Jana - SABELOVÁ, Veronika - DEGMOVÁ, Jarmila - ŠIMKO, František - PEKARČIKOVÁ, Marcela - SLUGEŇ, Vladimír. Štúdium tepelne namáhanej a radiačne poškodenej ocele NF 709. In *Jaderná energetika v prácich mladé generace - 2014 : 14. Mikulášské setkání mladé generace ČNS. Brno, Czech Republic. 3.-5.12.2014*. Praha : Česká nukleární společnost, 2015, S. 208-212. ISBN 978-80-02-02599-3. Kategória publikácie do 2021: AFC
- _36 ŠIMEG VETERNÍKOVÁ, Jana - DEGMOVÁ, Jarmila - SLUGEŇ, Vladimír - PEKARČIKOVÁ, Marcela - ŠIMKO, František - PETRISKA, Martin - SKARBA, Michal. Hot corrosion study of stainless steels for nuclear reactors. In *APCOM 2016 : Proceedings of 22nd international conference on applied physics of condensed matter. Štrbské Pleso, Slovak Republic, June 22-24, 2016*. 1. vyd. Bratislava : Slovenská technická univerzita v Bratislave, 2016, S. 65-69. ISBN 978-80-227-4572-7. Kategória publikácie do 2021: AFD
- _37 ŠOKA, Lukáš. *Analýza vplyvu mechanického namáhania na štruktúru supravodivých vrstiev na báze (RE)BCO v káblach s kruhovým prierezom*. 2016. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=118437>.
- _38 ŠOKA, Lukáš. *Analýza rôznych spôsobov leštenia supravodivých pások na báze (RE)BCO*. Trnava : STU v Bratislave MTF UMAT, 2014. 52s. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=87684>.
- _39 ŠOUC, Ján - GÖMÖRY, Fedor - SOLOVIOV, Mykola - VOJENČIAK, Michal - KUJOVIČ, Tomáš - KOVÁČ, Ján - FROLEK, Lubomír - MICHALCOVÁ, Eva - MIŠÍK, Jozef - PEKARČIKOVÁ, Marcela - SKARBA, Michal. CORC® cable production and its use in the coil winding. In *Coated Conductors for Applications. CCA 2018 [elektronický zdroj] : Workshop 2018. September 10-13, 2018, Vienna, Austria*. 1. vyd. Vienna : Technische Universität Wien, 2018, USB kľúč, s. 16. Kategória publikácie do 2021: BFA
- _40 TIXADOR, Pascal - MARCUS, Bauer - CALLEJA, Albert - BRUZEK, Christian-Eric - DEUTSCHER, Guy - DUTOIT, Bertrand - GÖMÖRY, Fedor - MARTINI, Luciano - NOE, Mathias - OBRADORS, Xavier - PEKARČIKOVÁ, Marcela - SIROIS, Frédéric. Advances of the EC project FASTGRID. In *EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow*. 1. vyd, 2019, S. 65. Kategória publikácie do 2021: BFA
- _41 VOJENČIAK, Michal - MOŠAŤ, Marek - PEKARČIKOVÁ, Marcela - MICHALCOVÁ, Eva - MIŠÍK, Jozef. Advanced superconducting tapes for high voltage fault current limiters. In *Elektro 2018 [elektronický zdroj] : 12th International Conference, Mikulov, Czech Republic, May 21st - 23rd, 2018*. Piscataway : IEEE, 2018, USB, [4] s. ISBN 978-1-5386-4760-8. V databáze: IEEE: 8398337 ; SCOPUS: 2-s2.0-85050092848 ; DOI: 10.1109/ELEKTRO.2018.8398337 ; WOS: 000468327400098. Kategória publikácie do 2021: AFC
- _42 VOJENČIAK, Michal - BÚRAN, Marek - MOŠAŤ, Marek - PEKARČIKOVÁ, Marcela - GÖMÖRY, Fedor. Additional stabilization of REBCO coated conductors for Fault Current Limiters. In *EUCAS 2019 : Book of abstracts : 14th European Conference on Applied Superconductivity, 1. - 5. 9. 2019, Glasgow*. 1. vyd, 2019, Art. no. 2-LP-FCT-I02, S. 115. Kategória publikácie do 2021: BFA
- _43 VYSKOČOVÁ, Kristína. *Analýza degradácie supravodivých pások v dôsledku nanášania stabilizačných vrstiev*. 2019. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=134347>.
- _44 VYSKOČOVÁ, Kristína. *Štúdium poškodenia vo vysokoteplotných supravodivých páskach spôsobeného obmedzovaním skratových prúdov*. 2021. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=158006>.
- _45 VYSKOČOVÁ, Petra. *Analysis of soldered joints of superconducting tapes*. 2019. Dostupné na internete: <http://is.stuba.sk/zp/portal_zp.pl?podrobnosti=143711>.

Štatistika: kategória publikačnej činnosti do 2021

V3	V3	22
XXX	Nezaradené	45
Súčet		67

Štatistika: kategória ohlasov

1	Citácie v zahraničných publikáciách, registrované v citačných indexoch Web of Science a databáze SCOPUS	117
2	Citácie v domácich publikáciách, registrované v citačných indexoch Web of Science a databáze SCOPUS	2
3	Citácie v zahraničných publikáciách neregistrované v citačných indexoch	2
Súčet		121