

Всички цитати

Независими цитирания на научните публикации на гл. ас. д-р Кръстьо Бучков

за участие в конкурс за доцент по професионално направление:

4.1. „Физически науки”, научна специалност „Физика на кондензираната материя”, ИФТТ-БАН, лаборатория „Физика на материалите и ниските температури.

Брой цитирани публикации: 12

Брой цитиращи източници: 41

2009

1. **Nazarova E.**, Zaleski A., **Zahariev A.**, **Buchkov K.**, Kovachev V.. Implication for phase separation in overdoped Y-Ca-Ba-Cu-O superconducting system. J. of Optoelectr. & Adv. Matter., 11, 10, INOE Publishing House, 2009, ISSN:ISSN: PRINT: 1454 - 4164, 1545-1549. ISI IF:0.37

Цитирани са в:

1. N. Balchev, K. Nenkov, G. Mihova, J. Pirov, B. Kunev, Superconducting properties of Ca-doped MoSr₂YCu₂O_{8-δ}, Physica C 470 (2010) 178-182, @2010

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2. **Nazarova E.**, Zaleski A., **Buchkov K.**. Doping dependence of irreversibility line in Y_{1-x}CaxBa₂Cu₃O_{7-δ}. Physica C: Superconductivity, 470, Elsevier, 2010, DOI:DOI:https://doi.org/10.1016/j.physc.2010.03.002, 421-427. ISI IF:1.407

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2. J. P. Peña, D. Martinez B., J.L. Pimentel Jr. P. Pureur y C.A. Parra Vargas, IBEROMET XI, 2 al 5 de Noviembre de 2010, , Viña del Mar, , CHILE, @2010
3. N. Balchev, V. Antonov and K. Nenkov, Pinning and transport properties of undoped and Sn-doped MoSr₂YCu₂O_{8 - δ}, Supercond. Sci. & Technol. 24 (2011) 095013, @2011
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5. N. Balchev, K. Nenkov, V. Antonov, Vortex pinning energies and H(T) characteristic lines in the MoSr₂YCu₂O_{8-δ} superconductor, J. Superconduct. Novel Magn., 26, (2013) 59-63, @2013

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3. **Nazarova E.**, Nenkov K., **Buchkov K.**, **Zahariev A.**. Scaling behavior of current- voltage characteristics of Y_{1-x}CaxBa₂Cu₃O_{7-δ} polycrystalline samples. The Open Superconductors Journal, 3, Bentham Open, 2011, ISSN:1876-5378, DOI:[DOI: 10.2174/1876537801103010001], 1-6

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6. K. Yu. Terent'ev, D. M. Gokhfeld, S. I. Popkov, K. A. Shaykhtudinov, and M. I. Petrov, Pinning in a Porous Bi2223, Physics of the Solid State, 53: 2409, 2011, . https://doi.org/10.1134/S1063783411120250, @2011

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4. **Buchkov, K.**, Nenkov, K., Zaleski, A., **Nazarova, E.**, Polichetti, M.. Fundamental and 3-rd harmonic AC magnetic susceptibility of overdoped polycrystalline Y_{1-x}CaxBa₂Cu₃O_{7-δ} (x=0.025 and x=0.20) samples. Physica C, 473, Elsevier, 2012, ISSN:0921-4534, DOI:doi:10.1016/j.physc.2011.11.010, 48-56. SJR:0.483, ISI IF:0.942

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7. J Amado, R Sarmago, AC Magnetic Susceptibility and Morphological Development of YBCO HTS Formed from Y: Ba: Cu = 1: 2: 3 and 3: 5: 8, Journal of Superconductivity and Novel Magnetism, 28 (2015) pp 3455-3461, @2015
8. Effect of partial substitution of calcium for yttrium on the structure and properties of the Y_{0.9}Ca_{0.1}Ba₂Cu₃O_{6.8} superconductor, Yu. V. Blinova, L. A. Cherepanova, T. P. Krinitsina, E. I. Kuznetsova, S. V. Sudareva, S. G. Titova S. V. Pryanichnikov, M. V. Degtyarev, E. P. Romanov The Physics of Metals and Metallography, February 2016, Volume 117, Issue 2, pp 151–159, @2016

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9. Daniele Di Gioacchino*, Nicola Poccia, Augusto Marcelli, Alessandro Puri, Zhu-an Xu, Jie Cheng, Wangsheng Chu, and Naurang Lal Saini, "Effect of spacer layer on flux-pinning properties of iron-based superconductors", *Nov. Supercond. Mater.* 2016; 2:43–49, @2016

6. **Nazarova, E.**, **N. Balchev**, K. Nenkov, **K. Buchkov**, D. Kovacheva, **A. Zahariev**, G. Fuchs. Improvement of the superconducting properties of polycrystalline FeSe by silver addition. *Superconductor Science and Technology*, 28, 12, IOPscience, 2015, ISSN:0953-2048, DOI:doi:10.1088/0953-2048/28/12/125013, 125013. SJR:1.088, ISI IF:2.717

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14. Shengnan Zhang, Jixing Liu, Jianqing Feng, Botao Shao, Chengshan Li, Pingxiang Zhang, Influences of Ag doping on the high energy ball milling aided sintering FeSe superconductors, *Journal of Materials Science: Materials in Electronics*, 2017 p.1-7, @2017
15. Hideo Hosono, Akiyasu Yamamoto, Hidenori Hiramatsu, Yanwei Ma, Recent advances in iron-based superconductors toward applications, *Materials today*, 2017, @2017

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20. Lucica Miu, Alina Ionescu, Dana Miu, Ion Ivan, Adrian Crisan, Behavior of the Second Magnetization Peak in Self-nanostructured La_{2-x}Sr_xCuO₄ Single Crystals Chapter in Springer Series in Materials Science • July 2017 DOI: 10.1007/978-3-319-59355-5_6 In book: Vortices and Nanostructured Superconductors, pp.159-184v, @2017
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8. Galluzzi, A., Polichetti, M., **Buchkov, K.**, **Nazarova, E.**, Mancusi, D., Pace, S.. Evaluation of the intragrain critical current density in a multidomain FeSe crystal by means of DC magnetic measurements. *Superconductor Science and Technology*, 28, 11, IOP, 2015, DOI:doi:10.1088/0953-2048/28/11/115005, 115005. SJR:1.088, ISI IF:2.717

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