

**СПИСЪК НА ПУБЛИКАЦИИТЕ  
на д-р Благой Спасов Благоев**

**Общ брой статии: 54 към 20.09.2016**

**Цитирания без автоцитати: 19 статии са цитирани общо 61 пъти към 20.09.2016  
h-index 3**

**Статии в международни списания с импакт-фактор**

- A1.E. Mateev, T. Donchev, **B. Blagoev**, T. Nurgaliev, V. Tsaneva, Z.H. Barber, Deposition of  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$  superconducting films by magnetron sputtering and water vapour addition to sputtering gaz, *Vacuum* 76 (2004) 241-244. ISSN 0042-207X, **IF 0.975**, 2009 JCR. Citing Articles (0).
- A2.P. GierÅlowski, A. Szewczyk, A.V. Abal'oshev, E.S. Vlakhov, T.I. Donchev, **B. Blagoev**,  $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$  Thin-Film Grain-Boundary Junctions on a Bi-Crystal Substrate, *ACTA PHYS. POL. A* 106 (2004) 715. ISSN 0587-4246, **IF 0.433**, 2009 JCR. Citing Articles (0).
- A3.V. Markovich, E.S. Vlakhov, Y. Yuzhelevskii, **B. Blagoev**, K.A. Nenkov, G. Gorodetsky, Electrical transport and glassy response in strained thin  $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$  films, *PHYS. REV. B* 72 (2005) 134414. ISSN 1098-0121, **IF 3.475**, 2009 JCR. Citing Articles (15).
- A4.E. Vlakhov, **B. Blagoev**, E. Mateev, L. Neshkov, T. Nurgaliev, L. Lakov, K. Toncheva, Y. Marinov, K. Nenkov, I. Radulov, K. Piotrowski, W. Paszkowicz, A. Szewczyk, M. Baran, R. Szymczak, MAGNETRON SPUTTERING DEPOSITION AND CHARACTERIZATION OF  $\text{GdMnO}_3$  THIN FILMS, *J. OPTOELECTRON. ADV. M.* 9 (2007) 456 – 459. ISSN 1454-4164, **IF 0.433**, 2009 JCR. Citing Articles (1). ISI
- A5.Iordanova, L. Popova, P. Alexandrova, G. Beshkov, E. Vlakhov, R. Mirchev, **B. Blagoev**, X-ray investigation of annealed  $\text{CeO}_2$  films prepared by sputtering on Si substrates, *Thin Solid Films* 515 (2007) 8078-8081. ISSN 0040-6090, **IF 1.727**, 2009 JCR. Citing Articles (17).
- A6.Timir Nurgaliev, Vladimír Štrbík, Snezhanka Miteva, **Blagoev Blagoev**, Emil Mateev, Lyubomir Neshkov, Štefan Benačka, Štefan Chromik, Electrical characteristics of HTS/manganite double layers, *Cent. Eur. J. Phys.* 5 (2007) 637-649. ISSN 1895-1082, **IF 0.728**, 2009 JCR. Citing Articles (0).
- A7.T. Nurgaliev, V.V. Demidov, A.M. Petrzlik, G.A. Ovsyanikov, S. Miteva, **B. Blagoev**, Microwave losses in ferromagnetic thin LSMO films, *J. OPTOELECTRON. ADV. M.* 10 (2) (2008) 273-276. ISSN 1454-4164, **IF 0.433**, 2009 JCR. Citing Articles (4).
- A8.M. Beshkova, **B. Blagoev**, D. Kovacheva, G. Mladenov, T. Nurgaliev, Effect of thermal annealing on the properties of the YBCO films grown by DC magnetron

sputtering, *J. OPTOELECTRON. ADV. M.* 11 (2009) 1537-1540. ISSN 1454-4164, IF 0.433, 2009 JCR. Citing Articles (3).

- A9. Nurgaliev, T., Mateev, E., **Blagoev, B.**, Neshkov, L., Nedkov, I., Uspenskaya, L.S., Effect of DC current injection on AC supercurrent carrying ability of ring shaped HTS thin films, *Physica C: Superconductivity and its Applications* 471 (2011) 577-581. ISSN: 0921-4534, IF 1.415, 2010 JCR. Citing Articles (0).
- A10. T. Koutzarova, S. Kolev, I. Nedkov, K. Krezhov, D. Kovacheva, **B. Blagoev**, C. Ghelev, C. Henrist, R. Cloots and A. Zaleski, Magnetic Properties of Nanosized Ba<sub>2</sub>Mg<sub>2</sub>Fe<sub>12</sub>O<sub>22</sub> Powders Obtained by Auto-combustion, *Journal of Superconductivity and Novel Magnetism*, pp. 1-5, DOI: 10.1007/s10948-011-1232-3. ISSN: 1557-1939, IF 1.014, 2010. Citing Articles (3).
- A11. Stoyanova-Ivanova, A.K., Staneva, A.D., Shoumarova, J.M., **Blagoev, B.S.**, Zaleski, A.J., Mikli, V., Dimitriev, Y.B., Microstructure and superconductivity of bulk BPSCCO/LPMO composite, *Philosophical Magazine Letters* 91 (2011) 190-199. ISSN: 0950-0839, IF 1.262, 2010 JCR Science Edition. Citing Articles (1).
- A12. Nurgaliev T., Topal U., **Blagoev, B.**, Mateev E., Magnetic Properties of LCMO/LSMO Thin Films on LAO and ALO Substrates, *Journal of Superconductivity and Novel Magnetism*, pp. 1-4, DOI 10.1007/s10948-012-1676-0. ISSN: 1557-1939, IF 1.014, 2010. Citing Articles (2).
- A13. **Blagov S. Blagoev**, Stanimira D. Terzieva, Timerfayaz K. Nurgaliev, Boris L. Shivachev, Andrzej J. Zaleski, Valdek Mikli, Anna D. Staneva, Angelina K. Stoyanova-Ivanova, Magnetic and transport characteristics of oxygenated polycrystalline La<sub>0.6</sub>Pb<sub>0.4</sub>MnO<sub>3</sub>, *Journal of Magnetism and Magnetic Materials* 329 (2013) 34-38. ISSN: 0304-8853, IF 1.780 JCR 2012. Citing Articles (0).
- A14. Anna D. Staneva, **Blagov S. Blagoev**, Boris L. Shivachev, Andrzej J. Zaleski, Valdek Mikli, Janna B. Mateeva, Yanko B. Dimitriev, Angelina K. Stoyanova-Ivanova, Effect of heat treatment on the phase transformation and magnetic properties of BPSCCO/LPMO composites, *Journal of Alloys and Compounds* 582 (2014) 223-228, doi: <http://dx.doi.org/10.1016/j.jallcom.2013.07.185> ISSN: 0925-8388, IF 2.726, (SJR): 1.181. Citing Articles (1).
- A15. T. Nurgaliev, **B. Blagoev**, E. Mateev, L. Neshkov, V. Strbik, L. Uspenskaya, I. Nedkov, Š. Chromik, Investigation of DC current injection effect on the microwave characteristics of HTS YBCO microstrip resonators, *Physica C* 498 (2014) 1-4. ISSN: 0921-4534, IF: 1.110, (SJR): 0.510. Citing Articles (0).
- A16. **Blagov S. Blagoev**, Timerfayaz C. Nurgaliev, Irina E. Bineva, Elmira D. Vasileva, Vladimir Šrbik, Emil S. Mateev, RESISTIVE CHARACTERISTICS OF LSMO/LCMO BI-LAYERS AND TEMPERATURE SWITCHING EFFECT OF MAGNETORESISTANCE, *Modern Physics Letters B*, Vol. 28, No. 12 (2014) 1450096 (10 pages). IF (2013/2014) 0.687. Citing Articles (0).

- A17. Mateev, E., Nurgaliev, T., **Blagoev, B.**, Complex impedance investigation of epitaxial LCMO thin films, *Acta Physica Polonica A* 126 (3) (2014) 787-789. IF (2014) 0.604. Citing Articles (0).
- A18. Z. Cherkezova-Zheleva, K. Zaharieva, K. Buchkov, **B. Blagoev** and I. Mitov, Effect of Mechanochemical Treatment on Magnetic Properties of Nanodimensional Magnetite-Type Materials, *Acta Physica Polonica A* 126 (4) (2014) 912-915. IF (2013) 0.604. Citing Articles (0).
- A19. I. Nedkov, L. Slavov, R. Angelova, B. Blagoev, D. Kovacheva, M.V. Abrashev, M. Iliev, V. Groudeva, Biogenic nanosized iron oxides obtained from cultivation of iron bacteria from the genus Leptothrix, *J Biol Phys* (2016). doi:10.1007/s10867-016-9426-3 (IN PRESS). IF (2015) 1.394. Citing Articles (0).

### **Статии в реферирани международни издания с импакт-ранк SJR**

- B1.T. Nurgaliev, **B. Blagoev**, T. Donchev, S. Miteva, P.B. Mozhaev, J.E. Mozhaeva, G.A. Ovsyannikov, I.M. Kotelyanskii, C. Jacobsen, YBCO/manganite layered structures on NdGaO<sub>3</sub> substrates, *Journal of Physics: Conference Series* **43** (2006) 329-332. Citing Articles (1).
- B2.V. Markovich, E.S. Vlakhov, Y. Yuzhelevskii, **B. Blagoev**, K.A. Nenkov, G. Gorodetsky, Electrical transport in strained La<sub>0.7</sub>Ca<sub>0.3</sub>MnO<sub>3</sub> films, *physica status solidi (c)* **3** (2006) 61–64. Citing Articles (1).
- B3.M. Beshkova, **B. Blagoev**, D. Kovacheva, G. Mladenov, T. Nurgaliev, Deposition and characterization of high temperature superconducting YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> films obtained by DC magnetron sputtering and thermal annealing modification, *Journal of Physics: Conference Series* **113** (2008) 012021. Citing Articles (1).
- B4.**B. Blagoev**, P.B. Mozhaev, T. Nurgaliev, M. Sardela, T. Donchev, Quality of YBCO thin films grown on LAO substrates exposed to the film deposition – film removal processes, *Journal of Physics: Conference Series* **113** (2008) 012027. Citing Articles (1).
- B5.L.S. Uspenskaya, T. Nurgaliev, **B. Blagoev**, T. Donchev, S. Miteva, Features of magnetization reversal in LCMO/YBCO heterostructures, *Bulletin of the Russian Academy of Sciences: Physics* **72** (4) (2008) 572-574. Citing Articles (0).
- B6. E. Mateev, **B. Blagoev**, T. Nurgaliev, Magnetic field reversion by SC/FM bilayers in the critical temperature vicinity, *Journal of Physics: Conference Series* **223** (2010) 012028. Citing Articles (0).
- B7. **B. Blagoev**, E. Mateev, V. Štrbík, T. Nurgaliev, L.S. Uspenskaya, Magnetron sputtering of polycrystalline LSMO/YBCO structures on sapphire substrates, *Journal of Physics: Conference Series* **223** (2010) 012015. Citing Articles (2).

- B8. V. Štrbík, Š. Beňačka, E. Mateev, **B. Blagoev**, T. Nurgaliev, S. Miteva, Study of the long-range proximity effect in LSMO/YBCO bilayers, *Journal of Physics: Conference Series* **223** (2010) 012044. Citing Articles ([0](#)).
- B9. T Nurgaliev, E Mateev, **B. Blagoev**, S Miteva, L Neshkov, V Strbik, L S Uspenskaya, S Benacka, S Chromik and I Nedkov, YBCO and LSMO nano-films and sandwiches prepared by magnetron sputtering, *Journal of Physics: Conference Series* **234** (2010) 012029. Citing Articles ([1](#)). ISI
- B10. Nurgaliev, T., Mateev, E., **Blagoev, B.**, Neshkov, L., Nedkov, I., Uspenskaya, L., Investigation of the current injection on JC of a HTS YBCO ring, *Journal of Physics: Conference Series* **253** (2010) 012074. Citing Articles ([1](#)).
- B11. Mateev E., **Blagoev B.**, Nurgaliev T., Impedance measurements of epitaxial and polycrystalline LSMO thin films, *Journal of Physics: Conference Series* **356 (1)** (2012) 012022. Citing Articles ([0](#)).
- B12. Nurgaliev T., **Blagoev B.**, Mateev E., Štrbík V., Beňačka Š., Šmatko V., Gaži Š., Chromik Š., Planar homogeneity of the electrical properties of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>/La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub> bi-layers, *Journal of Physics: Conference Series* **356 (1)** (2012) 012020. Citing Articles ([0](#)).
- B13. Ghelev Ch., Koutzarova T., Kolev S., Nedkov I., Krezhov K., Kovacheva D., **Blagoev B.**, Vertruyen B., Henrist C., Cloots R., Zaleski A., Nizhankovskii V., Magnetic properties of nanosized MgFe<sub>2</sub>O<sub>4</sub> powders prepared by auto-combustion, *Journal of Physics: Conference Series* **356 (1)** (2012) 012048. Citing Articles ([3](#)).
- B14. Štrbík V., Beňačka Š., Šmatko V., Gaži Š., Chromik Š., Mateev E., **Blagoev B.**, Nurgaliev T., Properties of SFS heterostructures prepared by a focused-ion-beam technique, *Journal of Physics: Conference Series* **356 (1)** (2012) 012021. Citing Articles ([0](#)).
- B15. **B S Blagoev**, I G Gostev, T K Nurgaliev, V Strbik, I E Bineva, L Uspenskaya, E S Mateev, L Neshkov, E Dobročka and Š Chromik, Deposition and characterization of thin HTS and magnetic perovskite films, *Journal of Physics: Conference Series* **514** (2014) 012041. Citing Articles ([0](#)).
- B16. V Štrbík, **B Blagoev**, E Mateev, and T Nurgaliev, Electrical transport in epitaxial and polycrystalline thin LSMO films, *Journal of Physics: Conference Series* **514** (2014) 012042. Citing Articles ([0](#)).
- B17. R Angelova, B Blagoev, L Slavov, M Iliev, V Groudeva and I Nedkov, Biogenic oxides from neutrophilic iron bacteria and possibilities for application in the nanotechnology, *Journal of Physics: Conference Series* **559** (2014) 012019. Citing Articles ([1](#)).
- B18. R. Raikov, A. Staneva, Y. Dimitriev, E. Kashchieva, S. Slavov, B. Blagoev, Glass and glass-ceramics in the La<sub>2</sub>O<sub>3</sub>–Gd<sub>2</sub>O<sub>3</sub>–PbO–MnO–B<sub>2</sub>O<sub>3</sub> system, *Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B*, August 2015, **56** (4), 145–148. Citing Articles ([0](#)).

- B19. B S Blagoev, D Z Dimitrov, V B Mehandzhiev, D Kovacheva, P Terziyska, J Pavlic, K Lovchinov, E Mateev, J Leclercq and P Sveshtarov, Electron transport in Al-doped ZnO nanolayers obtained by atomic layer deposition, *Journal of Physics: Conference Series* 700 (2016) 012040, doi:10.1088/1742-6596/700/1/012040, 19th International Summer School on Vacuum, Electron and Ion Technologies (VEIT2015), IOP Publishing,. Citing Articles (1).
- B20. T Nurgaliev, B Blagoev, V Štrbík, Š Chromik and M Sojková, Investigation of the resistive properties of HTS/manganite bilayers, *Journal of Physics: Conference Series* 700 (2016) 012020, doi:10.1088/1742-6596/700/1/012020, 19th International Summer School on Vacuum, Electron and Ion Technologies (VEIT2015), IOP Publishing, Citing Articles (0).
- B21. M Sojková, V Štrbík, T Nurgaliev, Š Chromik, E Dobročka, M Španková, B Blagoev and N Gál, Fabrication of hybrid thin film structures from HTS and CMR materials, *Journal of Physics: Conference Series* 700 (2016) 012022 doi:10.1088/1742-6596/700/1/012022, 19th International Summer School on Vacuum, Electron and Ion Technologies (VEIT2015), IOP Publishing,. Citing Articles (0).

#### Статии в сборници от международни конференции

- C1.T. Nurgaliev, S. Miteva, **B. Blagoev**, E. Mateev, L. Neshkov, V. Strbík, Š. Beňačka, S. Chromik, HTS/Manganite Double Layer Structures, 6-th Conference of the Balkan Physical Union -BPU 6, 2006, Istanbul, Turkey, *AIP Conference Proceedings* **899** (2007) 788.
- C2.Ianova G., Stoyanova-Ianova A., Terzieva S., Kovacheva D., Mladenov M., **Blagoev B.**, Dimitrov D, “Opportunities For Improving The Electrochemical Characteristics Of Ni-Zn Batteries Using High Temperature Superconducting Ceramic” *Proceedings of “The 12th Cryogenics International Conference” 2012*, Dresden, Germany, ISBN: 978-2-913149-93-9; ISSN: 0151-1637.
- C3.

#### Статии в сборници от национални конференции

- D1.T. Donchev, V.N. Tsaneva, E. Mateev, **B. Blagoev**, T. Nurgaliev, Z.H. Barber, Raman spectroscopy of YBCO/LSMO double layer structures, *Nanoscience & nanotechnology* **4**, eds. E. Balabanova, I. Dragieva, Heron Press, Sofia, p.172-175, 2004.
- D2.T. Nurgaliev, **B. Blagoev**, J.E. Mozhaeva, P.B. Mozhaev, S. Miteva, E. Mateev, T. Donchev, V. Stribík, S. Benacka, ELECTRICAL CHARACTERISTICS OF HTS YBCO FILMS IN SUPERCONDUCTING-FERROMAGNETIC STRUCTURES DEPOSITED ON LaAlO<sub>3</sub> AND NdGaO<sub>3</sub> SUBSTRATES, *Nanoscience & Nanotechnology* **5**, eds. E. Balabanova, I. Dragieva, Heron Press, Sofia, p. 91-93, 2005.

- D3. **B. Blagoev**, L. Neshkov, OPTIMIZATION OF CeO<sub>2</sub> BUFFER GROWING CONDITIONS ON SAPHIRE SUBSTRATES FOR OBTAINING HTS YBCO FILMS, Scientific Researches of the Union of Scientists Plovdiv, Series C. Technics and Technologies, vol. V, p. 420-422, Plovdiv, 2005.
- D4. **B. Blagoev**, E. Mateev, T. Nurgaliev, Growing and Characterization of YBCO/LSMO Structures, Proceedings of 8-th International Conference on Electron Beam Technologies, Vol. 2, p. 30-38, 2006.
- D5. T. NURGALIEV, **B. Blagoev**, E. MATEEV, S. MITEVA, INVESTIGATION OF CONTACTLESS BOLOMETRIC RESPONSE OF HTS YBCO FILMS, ЕЛЕКТРОНИКА'2006, p. 52-56, 2006.
- D6. T. Nurgaliev, E. Mateev, **B. Blagoev**, S. Miteva, L. Neshkov, Investigation of contactless harmonic generation in HTS nano-films, *Nanoscience & Nanotechnology* 5, eds. E. Balabanova, I. Dragieva, Heron Press, Sofia, p. 101-103, 2005.
- D7. T. Nurgaliev, E. Mateev, S. Miteva, **B. Blagoev**, V. Štrbík, L. Uspenskaya, Š. Beňačka, S. Chromik, YBCO and LSMO nano-films and three-layer structures, *Nanoscience & Nanotechnology* 9, eds. E. Balabanova, I. Dragieva, Sofia, 2009, p. 107-110.
- D8. E. Vlakhov, K. Nenkov, L. Neshkov, **B. Blagoev**, E. Mateev, T. Nurgaliev, NdBaCo<sub>2</sub>O<sub>5+X</sub> THIN FILMS CHARACTERISATION AND THEIR APPLICATION POTENTIAL, *Nanoscience & Nanotechnology* 10, eds. E. Balabanova, I. Dragieva, Sofia, 2010, p. 211-214.
- D9. **B. Blagoev**, M. Sardela, T. Donchev, T. Nurgaliev, YBCO THIN FILMS GROWN ON LAO SUBSTRATES OF DIFFERENT QUALITY, *Nanoscience & Nanotechnology* 7, eds. E. Balabanova, I. Dragieva, Sofia, 2007, p. 127-129.
- D10. R. Angelova, L. Slavov, M. Iliev, M. Mitova, **B. Blagoev**, I. Nedkov, V. Groudeva, BIOGENIC IRON OXIDES FROM LABORATORY CULTIVATED LEPTOTHRIX SP. FOR APPLICATION IN THE BIONANOTECHNOLOGY, Annuaire de l'Université de Sofia "St. Kliment Ohridski", Faculte de Biologie 2015, volume 100, livre 4, pp. 231-238, First National Conference of Biotechnology, Sofia 2014.

### Статии в български списания

- E1. I. Nedkov, L. Slavov, **B. Blagoev**, K. Krezhov, Surface Effects in Superparamagnetic Magnetite Particles, *Bulg. J. Phys.* **40** (2013) 177–189.
- E2. **B.S. Blagoev**, T.K. Nurgaliev, V. Štrbík, E.S. Mateev, A.J. Zaleski, Magnetic and Transport Parameters of LSMO and YBCO/LSMO Films Deposited on Sapphire Substrates, *Bulg. J. Phys.* **40** (2013) pp. 337-347.