

1.01 Izvirni znanstveni članek | *Original scientific paper*

1. KAHRAMAN, Süleyman, PODLOGAR, Matejka, BERNIK, Slavko, GÜDER, Hüsnü Salih. Facile synthesis of Cu<sub>2</sub>ZnSnS<sub>4</sub> photovoltaic absorber thin films via sulfurization of Cu<sub>2</sub>SnS<sub>3</sub>/ZnS layers. *Metallurgical and materials transactions. A, Physical metallurgy and materials science*, ISSN 1073-5623, 2014, vol. 45, no. 4, str. 2326-2334, doi: [10.1007/s11661-013-2164-2](https://doi.org/10.1007/s11661-013-2164-2). [COBISS.SI-ID [27638823](#)], [JCR, SNIP, WoS, Scopus]
2. FERK, Gregor, STERGAR, Janja, DROFENIK, Mihael, MAKOVEC, Darko, HAMLER, Anton, JAGLIČIĆ, Zvonko, BAN, Irena. The synthesis and characterization of copper-nickel alloy nanoparticles with a narrow size distribution using sol-gel synthesis. *Materials letters*, ISSN 0167-577X. [Print ed.], 2014, vol. 124, str. 39-42, ilustr., doi: [10.1016/j.matlet.2014.03.030](https://doi.org/10.1016/j.matlet.2014.03.030). [COBISS.SI-ID [17817110](#)], [JCR, SNIP, Scopus]
3. JENUŠ, Petra, LISJAK, Darja, KUŠČER, Danijela, MAKOVEC, Darko, DROFENIK, Mihael. The low-temperature cosintering of cobalt ferrite and lead zirconate titanate ceramic composites. *Journal of the American Ceramic Society*, ISSN 0002-7820, 2014, vol. 97, no. 1, str. 74-80, doi: [10.1111/jace.12600](https://doi.org/10.1111/jace.12600). [COBISS.SI-ID [27285031](#)], [JCR, SNIP, WoS, Scopus]
4. GORGIEVA, Selestina, ŠTRANCAR, Janez, KOKOL, Vanja. Evaluation of surface/interface-related physicochemical and microstructural properties of gelatin 3D scaffolds, and their influence on fibroblast growth and morphology. *Journal of biomedical materials research. Part A*, ISSN 1549-3296, Article first published online: 6 JAN 2014, str. 1-12, doi: [10.1002/jbm.a.35076](https://doi.org/10.1002/jbm.a.35076). [COBISS.SI-ID [17454870](#)], [JCR, SNIP, Scopus]
5. DRAŠLER, Barbara, DROBNE, Damjana, NOVAK, Sara, VALANT, Janez, BOLJTE, Sabina, OTRIN, Lado, RAPPOLT, Michael, SARTORI, Barbara, IGLIČ, Aleš, KRALJ-IGLIČ, Veronika, ŠUŠTAR, Vid, MAKOVEC, Darko, GYERGYEK, Sašo, HOČEVAR, Matej, GODEC, Matjaž, ZUPANC, Jernej. Effects of magnetic cobalt ferrite nanoparticles on biological and artificial lipid membranes. *International journal of nanomedicine*, ISSN 1178-2013. [Online ed.], 2014, vol. 9, no. 1, str. 1559-1581, ilustr. <http://www.dovepress.com/effects-of-magnetic-cobalt-ferrite-nanoparticles-on-biological-and-art-peer-reviewed-article-IJN>, doi: [10.2147/IJN.S57671](https://doi.org/10.2147/IJN.S57671). [COBISS.SI-ID [3091791](#)], [JCR, SNIP, WoS, Scopus]
6. DOLENC KOCE, Jasna, DROBNE, Damjana, KLANČNIK, Katja, MAKOVEC, Darko, NOVAK, Sara, HOČEVAR, Matej. Oxidative potential of ultraviolet-A irradiated or nonirradiated suspensions of titanium dioxide or silicon dioxide nanoparticles on Allium cepa roots. *Environmental toxicology and chemistry*, ISSN 0730-7268, 2014, vol. 33, no. 4, str. 858-867, doi: [10.1002/etc.2496](https://doi.org/10.1002/etc.2496). [COBISS.SI-ID [3060047](#)], [JCR, SNIP, WoS, Scopus]
7. PAVLIČ, Jernej, MALIČ, Barbara, ROJAC, Tadej. Small reduction of the piezoelectric d<sub>33</sub> response in potassium sodium niobate thick films. *Journal of the American Ceramic Society*, ISSN 0002-7820, 2014, vol. 97, no. 3, str. 1497-1503, doi: [10.1111/jace.12797](https://doi.org/10.1111/jace.12797). [COBISS.SI-ID [27695911](#)], [JCR, SNIP, Scopus]
8. ROŽIČ, Brigita, URŠIČ, Hana, VRABELJ, Marko, HOLC, Janez, MALIČ, Barbara, KUTNJAK, Zdravko. Electrocaloric response in substrate-free PMN-0.30PT thick films. V: *13th International Meeting on Ferroelectricity, IMF-13, September 2-6, 2013, Kraków, Poland*, (Ferroelectrics, ISSN 0015-0193, vol. 465, no. 1, 2014). Philadelphia: Taylor & Francis, 2014, vol. 465, no. 1, str. 535-540, doi: [10.1080/00150193.2014.893166](https://doi.org/10.1080/00150193.2014.893166). [COBISS.SI-ID [27663911](#)]
9. DONTABHAKTUNI, Jayasri, RAVNIK, Miha, ŽUMER, Slobodan. Quasicrystalline tilings with nematic colloidal platelets. *Proceedings of the National Academy of Sciences of the United States of America*, ISSN 0027-8424, 2014, vol. 111, issue 7, str. 2464-2469, ilustr. <http://www.pnas.org/content/early/2014/01/31/1312670111.full.pdf+html>, doi:

- [10.1073/pnas.1312670111](https://doi.org/10.1073/pnas.1312670111). [COBISS.SI-ID [2638948](#)], [JCR, SNIP, WoS, Scopus] [NAMASTE v zahvali]
10. MARTINEZ, Angel, RAVNIK, Miha, LUCERO, Brice, VISVANATHAN, Rayshan, ŽUMER, Slobodan, SMALYUKH, I. I. Mutually tangled colloidal knots and induced defect loops in nematic fields. *Nature materials*, ISSN 1476-1122, 2014, vol. 13, no. 3, str. 258-263, ilustr. <http://www.nature.com/nmat/journal/vaop/ncurrent/full/nmat3840.html>, doi: [10.1038/nmat3840](https://doi.org/10.1038/nmat3840). [COBISS.SI-ID [2630244](#)], [JCR, SNIP, Scopus] [NAMASTE v zahvali]
  11. FRUNŽA, Raluca C., KMET, Brigita, JANKOVEC, Marko, TOPIČ, Marko, MALIČ, Barbara. Ta<sub>2</sub>O<sub>5</sub>-based high-K dielectric thin films from solution processed at low temperatures. *Materials research bulletin*, ISSN 0025-5408. [Print ed.], 2014, vol. 50, str. 323-328, doi: [10.1016/j.materresbull.2013.11.025](https://doi.org/10.1016/j.materresbull.2013.11.025). [COBISS.SI-ID [27297831](#)], [JCR, SNIP, Scopus]
  12. SEČ, David, ČOPAR, Simon, ŽUMER, Slobodan. Topological zoo of free-standing knots in confined chiral nematic fluids. *Nature communications*, ISSN 2041-1723, 2014, vol. 5, 7 str. <http://www.nature.com/ncomms/2014/140114/ncomms4057/pdf/ncomms4057.pdf>, doi: [10.1038/ncomms4057](https://doi.org/10.1038/ncomms4057). [COBISS.SI-ID [2633572](#)], [JCR, SNIP, WoS] [NAMASTE v zahvali]
  13. URŠIČ, Hana, TCHERNYCHOVA, Elena, BENČAN, Andreja, JOUIN, Jenny, HOLC, Janez, DRNOVŠEK, Silvo, HROVAT, Marko, MALIČ, Barbara. The influence of the platinum substrate roughness on the ferroelectric properties of 0.65Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub>-0.35PbTiO<sub>3</sub> thick films = Vpliv hrapavosti platinske podlage na feroelektrične lastnosti debelih plasti 0.65Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub>-0.35PbTiO<sub>3</sub>. *Informacije MIDEM*, ISSN 0352-9045, 2014, vol. 44, no. 1, str. 14-20. [COBISS.SI-ID [27555367](#)], [JCR, SNIP]
  14. FUKUDA Jun-ici. Simulation of the switching dynamics of a cholesteric blue phase cell by an inhomogeneous in-plane field. *Japanese Journal of Applied Physics*, ISSN 0021-4922, 2014, vol. 53, str. 010301-1-010301-3. [NAMASTE v zahvali]
  15. GORGIEVA, Selestina, KOKOL, Vanja. Processing of gelatin-based cryogels with improved thermo-mechanical resistance, pore size gradient and high potential for sustainable protein-drug release. *Journal of biomedical materials research. Part A*, ISSN 1549-3296, Accepted Article 2014, str. 1-37. <http://onlinelibrary.wiley.com/doi/10.1002/jbm.a.35261/abstract>, doi: [10.1002/jbm.a.35261](https://doi.org/10.1002/jbm.a.35261). [COBISS.SI-ID [17920790](#)], [JCR, SNIP], IF (2012) 2.834
  16. HROVAT, Marko, BELAVIČ, Darko, MAKARVIČ, Kostja, CILENŠEK, Jena, MALIČ, Barbara. Characterisation of thick-film resistors as gauge sensors on different LTCC substrates = Karakterizacija debeloplastnih uporov kot senzorjev sile na različnih LTCC substratih. *Informacije MIDEM*, ISSN 0352-9045, 2014, vol. 44, no. 1, str. 6-13. [COBISS.SI-ID [27564583](#)], [JCR, SNIP, WoS, Scopus]
  17. KUPEC, Alja, MALIČ, Barbara. Structural and dielectric properties of the lead-free (1-x)K<sub>0.5</sub>Na<sub>0.5</sub>NbO<sub>3</sub>xSrTiO<sub>3</sub> thin films from solutions. *Journal of alloys and compounds*, ISSN 0925-8388. [Print ed.], 2014, vol. 596, str. 32-38, doi: [10.1016/j.jallcom.2014.01.193](https://doi.org/10.1016/j.jallcom.2014.01.193). [COBISS.SI-ID [27827751](#)], [JCR, SNIP, WoS, Scopus]
  18. ŠTEFANIČ, Martin, MILAČIČ, Radmila, DRAŽIČ, Goran, ŠKARABOT, Miha, BUDIČ, Bojan, KRNEL, Kristoffer, KOSMAČ, Tomaž. Synthesis of bioactive [beta]-TCP coating with tailored physico-chemical properties on zirconia bioceramics. *Journal of materials science. Materials in medicine*, ISSN 0957-4530, [in press] 2014, 13 str., doi: [10.1007/s10856-014-5246-9](https://doi.org/10.1007/s10856-014-5246-9). [COBISS.SI-ID [27796775](#)], [JCR, SNIP, Scopus]
  19. PANDEY, M. B., PORENTA, Tine, BREWER, J., BURKART, A., ČOPAR, Simon, ŽUMER, Slobodan, SMALYUKH, I. I. Self-assembly of skyrmion-dressed chiral nematic colloids with tangential anchoring. *Physical review. E, Statistical, nonlinear, and soft matter physics*, ISSN 1539-3755, 2014, vol. 89, iss. 6, str. 060502-1-060502-5, ilustr. <https://journals.aps.org/pre/abstract/10.1103/PhysRevE.89.060502>. [COBISS.SI-ID [2690916](#)], [JCR, SNIP] [NAMASTE v zahvali]
  20. NUZHNYI, Dmitri, PETZELT, Jan, RYCHETSKY, I., TREFALT, Gregor. Effective dielectric functions of porous Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub> ceramics. *Physical review. B, Condensed matter and materials physics*, ISSN 1098-0121, 2014, vol. 89, no. 21, str. 214307-1-214307-5, doi: [10.1103/PhysRevB.89.214307](https://doi.org/10.1103/PhysRevB.89.214307). [COBISS.SI-ID [27851303](#)]

21. HORCHIDAN, Nadejda, IANCULESCU, A. C., VASILESCU, Cora, DELUCA, M., MUSTEATA, V., URŠIČ, Hana, FRUNZĂ, Raluca C., MALIČ, Barbara, MITOSERIU, Liliana. Multiscale study of ferroelectric-relaxor crossover in BaSn<sub>x</sub>Ti<sub>1-x</sub>O<sub>3</sub> ceramics. *Journal of the European ceramic society*, ISSN 0955-2219. [Print ed.], 2014, vol. 34, no. 15, str. 3661-3674, doi: [10.1016/j.jeurceramsoc.2014.06.005](https://doi.org/10.1016/j.jeurceramsoc.2014.06.005). [COBISS.SI-ID [27886631](#)]
22. SANTO-ZARNIK, Marina, BELAVIČ, Darko. Study of LTCC-based pressure sensors in water. *Sensors and actuators. A, Physical*, ISSN 0924-4247, [in press] 2014, 18 str., doi: [10.1016/j.sna.2014.09.009](https://doi.org/10.1016/j.sna.2014.09.009). [COBISS.SI-ID [27965223](#)], [JCR, SNIP]
23. PODLIPEC, Rok, GORGIEVA, Selestina, JURAŠIN, Darija, URBANČIČ, Iztok, KOKOL, Vanja, ŠTRANCAR, Janez. Molecular mobility of scaffolds' biopolymers influences cell growth. *ACS applied materials & interfaces*, ISSN 1944-8244. [Print ed.], August 29, 2014, str. 1-50, doi: [10.1021/am5037719](https://doi.org/10.1021/am5037719). [COBISS.SI-ID [18043926](#)], [JCR, SNIP]
24. BAYAT, Narges, RAJAPAKSE, Katarina, MARINŠEK-LOGAR, Romana, DROBNE, Damjana, CRISTOBAL, Susana. The effects of engineered nanoparticles on the cellular structure and growth of *Saccharomyces cerevisiae*. *Nanotoxicology*, ISSN 1743-5390, 2014, vol. 8, no. 4, str. 363-373, doi: [10.3109/17435390.2013.788748](https://doi.org/10.3109/17435390.2013.788748). [COBISS.SI-ID [3220104](#)], [JCR, SNIP, WoS, Scopus]
25. JOSE, Regina, SKAČEJ, Gregor, SASTRY, V. S. S., ŽUMER, Slobodan. Colloidal nanoparticles trapped by liquid-crystal defect lines : a lattice Monte Carlo simulation. *Physical review. E, Statistical, non-linear, and soft matter physics*, ISSN 1539-3755, 2014, vol. 90, iss. 3, str. 032503-1-032503-6, ilustr. <https://journals.aps.org/pre/abstract/10.1103/PhysRevE.90.032503>. [COBISS.SI-ID [2764132](#)], [JCR, SNIP, WoS, Scopus]
26. FUKUDA, Jun-ichi, ŽUMER, Slobodan. Exotic defect structures and their optical properties in a strongly confined chiral liquid crystal. V: *15th Topical Meeting on Optics of Liquid Crystals, OLC 2013, September 29-October 4, 2013, Honolulu, Hawaii, USA*, (Molecular crystals and liquid crystals, ISSN 1542-1406, Vol. 594, iss. 1, 2014). [London]: Taylor & Francis, 2014, str. 70-77, ilustr. [http://www.tandfonline.com/doi/full/10.1080/15421406.2014.917474#.VG3nF\\_nF8bg](http://www.tandfonline.com/doi/full/10.1080/15421406.2014.917474#.VG3nF_nF8bg). [COBISS.SI-ID [2763876](#)], [JCR, SNIP, WoS, Scopus]
27. RAVNIK, Miha, ŽUMER, Slobodan. Topological soft matter for optics and photonics. *Molecular crystals and liquid crystals*, ISSN 1542-1406, 2014, vol. 594, iss. 1, str. 2-10, ilustr. <http://www.tandfonline.com/doi/full/10.1080/15421406.2014.917455#.VDZtZPmSwbg>. [COBISS.SI-ID [2736740](#)], [JCR, SNIP, WoS, Scopus]
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29. MILIVOJEVIĆ, Tamara, GLAVAN, Gordana, BOŽIČ, Janko, SEPČIČ, Kristina, MESARIČ, Tina, DROBNE, Damjana. Neurotoxic potential of ingested ZnO nanomaterials on bees. *Chemosphere*, ISSN 0045-6535. [Print ed.], 2015, vol. 120, str. 547-554. <http://www.sciencedirect.com/science/article/pii/S0045653514009175>, doi: [10.1016/j.chemosphere.2014.07.054](https://doi.org/10.1016/j.chemosphere.2014.07.054). [COBISS.SI-ID [3222351](#)], [JCR, SNIP, Scopus]
30. XIAO, Xiangkai, ZHENG, Liaoying, CHENG, Lihong, TIAN, Tian, RUAN, Xuezheng, PODLOGAR, Matejka, BERNIK, Slavko, LI, Guorong. Influence of WO<sub>3</sub>-doping on the microstructure and electrical properties of ZnO-Bi<sub>2</sub>O<sub>3</sub> varistor ceramics sintered at 950°C. *Journal of the American Ceramic Society*, ISSN 0002-7820, [in press] 2015, 8 str., doi: [10.1111/jace.13453](https://doi.org/10.1111/jace.13453). [COBISS.SI-ID [28272423](#)], [JCR, SNIP]
31. ČOPAR, Simon, TKALEC, Uroš, MUŠEVIČ, Igor, ŽUMER, Slobodan. Knot theory realizations in nematic colloids. *Proceedings of the National Academy of Sciences of the United States of America*, ISSN 0027-8424, 2015, vol. 112, no. 6, str. 1675-1680, ilustr. <http://www.pnas.org/content/112/6/1675.full.pdf+html>. [COBISS.SI-ID [2787940](#)], [JCR, SNIP]
32. NIKKHOU, Maryam, ŠKARABOT, Miha, ČOPAR, Simon, RAVNIK, Miha, ŽUMER, Slobodan, MUŠEVIČ, Igor. Light-controlled topological charge in a nematic liquid crystal. *Nature physics*, ISSN 1745-2473, 2015, vol. 11, no. 2, str. 183-187, ilustr.

<http://www.nature.com/nphys/journal/v11/n2/full/nphys3194.html>. [COBISS.SI-ID [2786916](#)], [JCR, SNIP]

33. SKAČEJ, Gregor, ZANNONI, Claudio. Molecular simulations shed light on supersoft elasticity in polydomain liquid crystal elastomers. *Macromolecules*, ISSN 0024-9297, 2014, vol. 47, iss. 24, str. 8824-8832, ilustr. <http://pubs.acs.org/doi/abs/10.1021/ma501836j>, doi: [10.1021/ma501836j](https://doi.org/10.1021/ma501836j). [COBISS.SI-ID [2766948](#)], [JCR, SNIP, WoS do 2. 2. 2015: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, normirano št. čistih citatov (NC): 0, [Scopus](#)]

#### 1.02 Pregledni znanstveni članek | *Scientific paper*

1. ČOPAR, Simon. Topology and geometry of nematic braids. *Physics reports*, ISSN 0370-1573. [Print ed.], 2014, vol. 538, issue 1, str. 1-37, ilustr. <http://www.sciencedirect.com/science/article/pii/S0370157314000027#>, doi: [10.1016/j.physrep.2014.01.001](https://doi.org/10.1016/j.physrep.2014.01.001). [COBISS.SI-ID [2636388](#)], [JCR, SNIP, WoS, [Scopus](#)] [NAMASTE v zahvali]

#### 1.04 Strokovni članek

1. ROŽAJ BRVAR, Alenka, TRONTELJ, Janez. Dokazana odličnost. *Glas gospodarstva*, ISSN 1318-3672, Mar. 2014, str. 89, ilustr. [COBISS.SI-ID [10522196](#)]

#### 1.06 Objavljeni znanstveni prispevek na konferenci (vabljeno predavanje) | *Invited lecture*

1. RAVNIK, Miha, DONTABHAKTUNI, Jayasri, ČANČULA, Miha, ŽUMER, Slobodan. Nematic colloidal tilings as photonic materials. V: CHIEN, Liang-Chy (ur.). *Emerging Liquid Crystal Technologies IX, 5 February 2014, San Francisco, California, United States*, (Proceedings of SPIE, the International Society for Optical Engineering, ISSN 0277-786X, vol. 9004). Bellingham: SPIE, cop. 2014, str. 90040C-1-90040C-7, ilustr. <http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1833511>. [COBISS.SI-ID [2658404](#)], [[Scopus](#)]
2. BELAVIČ, Darko, HROVAT, Marko, SANTO-ZARNIK, Marina, MAKAROVIČ, Kostja, BENČAN, Andreja, HOLC, Janez, DOLANC, Gregor, FAJDIGA, Primož, HOČEVAR, Stanko, POHAR, Andrej, KOVAČ, Franci, HODNIK, Marjan, KONDA, Anton, JORDAN, Boris, SEDLAKOVA, Vlasta, SIKULA, Josef, MALIČ, Barbara. An overview of LTCC based ceramic microsystems : from simple pressure sensors to complex chemical reactors. V: EDS' 14, Electronic Devices and Systems IMAPS CS International Conference 2013, June 25-26, 2014, Brno, Czech Republic. HEGR, Ondrej (ur.). *Proceedings*. Brno: Vysoké učení Technické v Brně, 2014, str. XVI-XXI. [COBISS.SI-ID [27805479](#)]

#### 1.08 Objavljeni znanstveni prispevek na konferenci | *Published scientific paper*

1. DOLŽAN, Tine, VRTAČNIK, Danilo, RESNIK, Drago, ALJANČIČ, Uroš, MOŽEK, Matej, PEČAR, Borut, AMON, Slavko. Design of transdermal drug delivery system with PZT actuated micropump. V: MIPRO 2014, 37th International Convention, May 26-30, 2014, Opatija, Croatia. BILJANOVIĆ, Petar (ur.). *MIPRO 2014 : proceedings*, (MIPRO ... (CD-ROM), ISSN 1847-3946). Rijeka: Croatian Society for Information and Communication Technology, Electronics - MIPRO, cop. 2014, str. 102-105, ilustr. [COBISS.SI-ID [10670420](#)]
2. BELAVIČ, Darko, HROVAT, Marko, MAKAROVIČ, Kostja. Investigations of lead-free thick-film resistors on LTCC substrate. V: EDS' 14, Electronic Devices and Systems IMAPS CS International Con-

- ference 2013, June 25-26, 2014, Brno, Czech Republic. HEGR, Ondrej (ur.). *Proceedings*. Brno: Vysoké učení Technické v Brně, 2014, str. 70-75. [COBISS.SI-ID [27805735](#)]
3. HROVAT, Marko, BELAVIČ, Darko, URŠIČ, Hana, DRNOVŠEK, Silvo, CILENŠEK, Jena. The evaluation of thick-film materials for temperature and pressure sensors on TLCC structures. V: 50th International Conference on Microelectronics, Devices and Materials, October 8 - October 10, 2014, Ljubljana, Slovenia. TOPIČ, Marko (ur.), ŠORLI, Polona (ur.), ŠORLI, Iztok (ur.). *Conference 2014, proceedings*. Ljubljana: MIDEM - Society for Microelectronics, Electronic Components and Materials, 2014, str. 311-315. [COBISS.SI-ID [28011047](#)]
  4. BELAVIČ, Darko, HROVAT, Marko, BAKARIČ, Tina, KUŠČER, Danjela. The investigation of thick-film materials on porous alumina substrates. V: 50th International Conference on Microelectronics, Devices and Materials, October 8 - October 10, 2014, Ljubljana, Slovenia. TOPIČ, Marko (ur.), ŠORLI, Polona (ur.), ŠORLI, Iztok (ur.). *Conference 2014, proceedings*. Ljubljana: MIDEM - Society for Microelectronics, Electronic Components and Materials, 2014, str. 317-321. [COBISS.SI-ID [28010791](#)]
  5. BELAVIČ, Darko, SANTO-ZARNIK, Marina, BRADEŠKO, Andraž, MALIČ, Barbara, ROJAC, Tadej. Piezoelectric resonant ceramic pressure sensor designed for high-temperature applications. V: 38th International IMAPS - CPMT Poland Conference & Exhibiton, September 21-24, 2014, Rzeszów-Czarna, Poland. POTENCKI, Jerzy (ur.), KLEPACKI, Dariusz (ur.). *IMAPS Poland 2014*. [S. l.]: IMAPS, 2014, 4 str. [COBISS.SI-ID [28134951](#)]

#### 1.10 Objavljeni povzetek znanstvenega prispevka na konferenci (vabljen predavanje) | *Invited lecture*

1. ROJAC, Tadej, URŠIČ, Hana, BENČAN, Andreja, MALIČ, Barbara, DAMJANOVIĆ, Dragan. Origin of the peculiar piezoelectric response of BiFeO<sub>3</sub> ceramics. V: 23rd International Symposium on Applications of Ferroelectrics, International Workshop on Acoustic Transduction Materials and Devices, Piezoresponse Force Microscopy Workshop, May 12-16. 2014, State College, PA, USA. *2014 Joint ISAF - IWATMD - PFM Symposium*. State College: The Pennsylvania State University, 2013. [COBISS.SI-ID [27726375](#)]
2. URŠIČ, Hana, MALIČ, Barbara, JOUIN, Jenny, DELUCA, Marco, BOBNAR, Vid, DRNOVŠEK, Silvo, BENČAN, Andreja, ROJAC, Tadej, TREFALT, Gregor, HOLC, Janez. Unusual structural-disorder behaviour of Pb(Sc<sub>0.5</sub>Nb<sub>0.5</sub>)O<sub>3</sub> ceramics prepared by mechanochemical activation. V: 4th Edition of Electroceramics Conference, June 16-20, 2014, Bucharest, Romania. *Abstract book*. [S. l.: s. n.], 2014, str. 270. [COBISS.SI-ID [27795495](#)]

#### 1.12 Objavljeni povzetek znanstvenega prispevka na konferenci | *Published Scientific Conference Contribution*

1. PAVLIČ, Jernej, MALIČ, Barbara, ROJAC, Tadej. Potassium sodium niobate thick films and their small reduction of the piezoelectric d<sub>33</sub> coefficient. V: 23rd International Symposium on Applications of Ferroelectrics, International Workshop on Acoustic Transduction Materials and Devices, Piezoresponse Force Microscopy Workshop, May 12-16. 2014, State College, PA, USA. *2014 Joint ISAF - IWATMD - PFM Symposium*. State College: The Pennsylvania State University, 2013. [COBISS.SI-ID [27726119](#)]
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3. KOŠIR, Mateja, DANEU, Nina, REČNIK, Aleksander, GUILMEAU, Emmanuel, ČEH, Miran, BERNIK, Slavko. Microstructural, structural and thermoelectric properties of the (ZnO)<sub>k</sub>

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