

1.01 Izvirni znanstveni članek | *Original scientific paper*

1. GENORIO, Boštjan, SUBBARAMAN, Ram, STRMČNIK, Dušan, TRIPKOVIC, Dusan, STAMENKOVIC, Vojislav, MARKOVIC, Nenad M. Tailoring the selectivity and stability of chemically modified platinum nanocatalysts to design highly durable anodes for PEM fuel cells. *Angew. Chem. (Int. ed., Print)*. [Print ed.], 2011, vol. 50, no. 24, str. 5468-5472, doi: [10.1002/anie.201100744](https://doi.org/10.1002/anie.201100744). [COBISS.SI-ID [35081477](#)], [JCR,
2. ARSOV, Zoran, URBANČIČ, Iztok, GARVAS, Maja, BIGLINO, Daniele, LJUBETIČ, Ajasja, KOKLIČ, Tilen, ŠTRANCAR, Janez. Fluorescence microspectroscopy as a tool to study mechanism of nanoparticles delivery into living cancer cells. *Biomedical optics express*, 2011, vol. 2, no. 8, str. 2083-2095, doi: [10.1364/BOE.2.002083](https://doi.org/10.1364/BOE.2.002083). [COBISS.SI-ID [24859687](#)], [JCR,
3. ROŽIČ, Brigita, TZITZIOS, Vassilios, KARATAIRI, Eva, TKALEC, Uroš, NOUNESIS, George, KUTNJAK, Zdravko, CORDOYIANNIS, George, ROSSO, Riccardo, VIRGA, Epifanio G., MUŠEVIČ, Igor, KRALJ, Samo. Theoretical and experimental study of the nanoparticle-driven blue phase stabilisation. *The European physical journal. E, Soft matter*, 2011, vol. 34, no. 2, str. 17-27. [COBISS.SI-ID [24522791](#)], [JCR,
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7. DOMENICI, Valentina, CONRADI, Marjetka, REMŠKAR, Maja, VIRŠEK, Marko, ZUPANČIČ, Blaž, MRZEL, Aleš, CHAMBERS, Martin, ZALAR, Boštjan. New composite films based on MoO_(3-x) nanowires aligned in a liquid single crystal elastomer matrix. *J. Mater. Sci.*, 2011, vol. 46, no. 10, str. 3639-3645, doi: [10.1007/s10853-011-5280-7](https://doi.org/10.1007/s10853-011-5280-7). [COBISS.SI-ID [24767783](#)], [JCR, WoS
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 14. LUKOVIĆ GOLIĆ, D., BRANKOVIĆ, Goran, POČUČA, Milica, VOJISAVLJEVIĆ, Katarina, REČNIK, Aleksander, DANEU, Nina, BERNIK, Slavko, ŠČEPANOVIĆ, M., POLETI, Dejan, BRANKOVIĆ, Zorica. Structural characterization of self-assembled ZnO nanoparticles obtained by the sol-gel method from Zn(CH₃COO)₂·2H₂O. *Nanotechnology (Bristol)*, 2011, vol. 22, no. 39, str. 395603-1-395603-10, doi: [10.1088/0957-4484/22/39/395603](https://doi.org/10.1088/0957-4484/22/39/395603). [COBISS.SI-ID [25000743](#)], [JCR,
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1.02 Pregledni znanstveni članek | *Scientific paper*

1. MENARD, Anja, DROBNE, Damjana, JEMEC, Anita. Ecotoxicity of nanosized TiO₂. Review of in vivo data. *Environ. pollut. (1987)*. [Print ed.], 2011, vol. 159, issue 3, str. 677-684. <http://dx.doi.org/10.1016/j.envpol.2010.11.027>, doi: [10.1016/j.envpol.2010.11.027](https://doi.org/10.1016/j.envpol.2010.11.027). [COBISS.SI-ID [6536057](#)], [JCR, WoS do 5. 3. 2013: št. citatov (TC): 36, čistih citatov (CI): 30, normirano št. čistih citatov (NC): 15, Scopus
2. BENČAN, Andreja, TCHERNYCHOVA, Elena, ŠTURM, Sašo, SAMARDŽIJA, Zoran, MALIČ, Barbara, KOSEC, Marija. Approaches for a reliable compositional analysis of alkaline-based lead free perovskite ceramics using microanalytical methods. *Journal of advanced dielectrics*, 2011, vol. 1, no. 1, str. 41-52. [COBISS.SI-ID [24522535](#)]

1.03 Kratki znanstveni prispevek | *Short scientific article*

1. RAVNIK, Miha, ŽUMER, Slobodan. Blue phases decorated with colloidal particles : photonic crystals. *Photonics Lett. Pol.*, 2011, vol. 3, no. 1, str. 5-7, doi: [10.4302/plp.2011.1.03](https://doi.org/10.4302/plp.2011.1.03). [COBISS.SI-ID [2319716](#)], [Scopus

1.05 Poljudni članek | *A popular article*

1. TKALEC, Uroš. Knotenkunde im Flüssigkristall. *Chemie Extra*, sep. 2011, vol. 12, no. 9, str. 22. [COBISS.SI-ID [25258791](#)]
2. TKALEC, Uroš. Silikonkugelchen knoten winzige Netze. *Göttinger Tageblatt*, 19. avg. 2011, vol. 122, no. 193, str. 22. [COBISS.SI-ID [25258535](#)]

3. ISKRA, Ivan, REMŠKAR, Maja. Imamo "um in pogum", da ognjemetom rečemo ne?. *Znanost (Ljubl.)*, 14. jul. 2011, letn. 53, št. 161, str. 17. [COBISS.SI-ID [24897063](#)]

1.06 Objavljeni znanstveni prispevek na konferenci (vabljeni predavanja) | *Invited lecture*

1. ŽUMER, Slobodan, RAVNIK, Miha, FUKUDA, Jun-ichi. Confined blue phases : trapping of colloidal particles in disclination superstructures. V: KHOO, lam-Choon (ur.). *Liquid crystals XV : 21-22 August 2011, San Diego, California, United States*, (Proceedings of SPIE, the International Society for Optical Engineering, vol. 8114). Bellingham: SPIE, cop. 2011, 7 str. <http://dx.doi.org/10.1117/12.893160>. [COBISS.SI-ID [2419556](#)], [Scopus]
2. AMON, Slavko, VRTAČNIK, Danilo, RESNIK, Drago, MOŽEK, Matej, ALJANČIČ, Uroš, PEČAR, Borut. Silicon microstructures : fabrication and application. V: BILJANOVIĆ, Petar (ur.), SKALA, Karolj (ur.). MIPRO 2011, 34th International Convention, May 23 - 27, 2011, Opatija, Croatia = [34. Mednarodni skup MIPRO 2011]. *Proceedings. [Vol. 1, MEET & GVS]*, (MIPRO ... (Tisak)). Rijeka: MIPRO, cop. 2011, str. 27-36, ilustr. [COBISS.SI-ID [8473940](#)], [Scopus]
3. BELAVIČ, Darko, HROVAT, Marko, DOLANC, Gregor, HOLC, Janez, SANTO-ZARNIK, Marina, FAJDIGA, Primož, MAKAROVIČ, Kostja, HOČEVAR, Stanko, BATISTA, Jurka, STEGEL, Iztok. A chemical microreactor as an example of an LTCC-based ceramic microsystem. V: HEGR, Ondrej (ur.). *Electronic Devices and Systems, [EDS'11] IMAPS CS International Conference, June 22-23, 2011, Brno, Czech Republic. Proceedings*. Brno: Vysoké učeni technické, 2011, str. XIII-XVIII. [COBISS.SI-ID [24859175](#)]
4. AMON, Slavko. Mikro/nano tehnologije = Micro/nano technologies. V: *Znanje, pot v prihodnost : zbornik prireditve*. [Ljubljana]: Gospodarska zbornica Slovenije, 2011, str. 29-37, ilustr. [COBISS.SI-ID [8469844](#)]

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

1. KRIŽAJ, Dejan, ISKRA, Ivan, REMŠKAR, Maja. Numerical modeling of a capacitive type detector of airborne nanoparticles. V: JOBÁGY, Ákos (ur.). 5th European Conference of the International Federation for Medical and Biological Engineering, 14-18 September 2011, Budapest, Hungary. *IFMBE proceedings*, (IFMBE proceedings, vol. 37). Berlin; Heidelberg; New York: Springer, cop. 2011, str. 1303-1306, ilustr. [COBISS.SI-ID [8668756](#)], [Scopus]
2. TRONTELJ, Janez, MAČEK, Marijan, SEŠEK, Aleksander, ŠVIGELJ, Andrej. Uncooled THz system for hidden object detection. V: LEITNER, Raimund (ur.), ARNOLD, Thomas (ur.). *International THz Conference 2011 : Nov. 24-25, 2011, Villach, Austria*. [Wien]: Österreichische Computer Gesellschaft, cop. 2011, str. 41-47, ilustr. [COBISS.SI-ID [8806740](#)]
3. PLETERŠEK, Anton, TRONTELJ, Janez. A self-mixing NMOS channel-optimized detector for THz signals. V: LEITNER, Raimund (ur.), ARNOLD, Thomas (ur.). *International THz Conference 2011 : Nov. 24-25, 2011, Villach, Austria*. [Wien]: Österreichische Computer Gesellschaft, cop. 2011, str. 137-141, ilustr. [COBISS.SI-ID [8806228](#)]
4. PEČAR, Borut, RESNIK, Drago, ALJANČIČ, Uroš, VRTAČNIK, Danilo, MOŽEK, Matej, AMON, Slavko. Silicon piezoelectric vaveless micropumps. V: JUNKAR, Mihael (ur.), KOPAČ, Janez (ur.), LEVY, Paul R. (ur.), COLAK, Oguz (ur.). *MIT & SLIM 2011 : proceedings of the 11th International Conference on Management of Innovative Technologies & 2nd International Conference on Sustainable Life in Manufacturing, Fiesa, Slovenia, September 25th - 27th, 2011*. Ljubljana: TAVO, Slovene Society for Abrasive Water Jet Technology, 2011, str. 217-223, ilustr. [COBISS.SI-ID [8655444](#)]
5. HROVAT, Marko, BELAVIČ, Darko, DOLANC, Gregor, HOLC, Janez, SANTO-ZARNIK, Marina, FAJDIGA, Primož, MAKAROVIČ, Kostja, KOSEC, Marija, HOČEVAR, Stanko, BATISTA, Jurka,

- STEGEL, Iztok. The LTCC combustor for ceramic micro-reactor for steam reforming. V: PIETRIKÓVA, Alena (ur.), FRANZ, Manuela (ur.), NICOLICS, Johann (ur.). ISSE 2011, 34th International Spring Seminar on Electronics Technology, May 11-15, 2011, High Tatras, Slovakia. *New trends in micro/nanotechnology*. Košice: Technical University of Košice, Faculty of Electrical Engineering and Informatics, 2011, 4 str. [COBISS.SI-ID [24804647](#)], [Scopus]
6. KRIŽAJ, Dejan, ISKRA, Ivan, REMŠKAR, Maja. Multiphysics modelling of nanoparticle detection / current status and collaboration sought. V: Comsol Conference, October 26-28, 2011, Stuttgart. *Proceedings CD*. [S. l.]: Comsol, 2011, str. 1-3, ilustr. [COBISS.SI-ID [8742484](#)]
 7. PERUŠKO, Dominik, MOŽEK, Matej, PEČAR, Borut, ALJANČIČ, Uroš, RESNIK, Drago, VRTAČNIK, Danilo, AMON, Slavko. Temperature control of methanol fuel microreactor for hydrogen production. V: BILJANOVIĆ, Petar (ur.), SKALA, Karolj (ur.). MIPRO 2011, 34th International Convention, May 23 - 27, 2011, Opatija, Croatia = [34. Međnarodni skup MIPRO 2011]. *Proceedings*. [Vol. 1, MEET & GVS], (MIPRO ... (Tisak)). Rijeka: MIPRO, cop. 2011, str. 163-166, ilustr. [COBISS.SI-ID [8474196](#)], [Scopus]
 8. HROVAT, Marko, BELAVIČ, Darko, HOLC, Janez, CILENŠEK, Jena, DRNOVŠEK, Silvo, SANTO-ZARNIK, Marina, MAKAROVIČ, Kostja. Thick film temperature sensors for LTCC structures : electrical characteristics. V: STOJANOVIĆ, Goran (ur.), RADOVANOVIĆ, Milan (ur.). *Proceedings*. Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 2011, str. 20-29. [COBISS.SI-ID [25201703](#)]
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 10. MAKAROVIČ, Kostja, HOLC, Janez, HROVAT, Marko, BELAVIČ, Darko, SANTO-ZARNIK, Marina, DAKSKOBLER, Aleš, BENČAN, Andreja, KOSEC, Marija. Biaxial flexural strength of the LTCC material under various firing conditions. V: STOJANOVIĆ, Goran (ur.), RADOVANOVIĆ, Milan (ur.). *Proceedings*. Novi Sad: University of Novi Sad, Faculty of Technical Sciences, 2011, str. 81-88. [COBISS.SI-ID [25201447](#)]
 11. BELAVIČ, Darko, HROVAT, Marko, DOLANC, Gregor, HOČEVAR, Stanko, STEGEL, Iztok, SANTO-ZARNIK, Marina, HOLC, Janez, MAKAROVIČ, Kostja, BATISTA, Jurka, FAJDIGA, Primož, KOSEC, Marija. Design and fabrication of a complex LTCC-based reactor for the production of hydrogen for portable PEM fuel cells. V: 2011 IMAPS/ACerS, 7th International Conference and Exhibition on Ceramic Interconnect and Ceramic Microsystems Technologies (CICMT), April 5-7, 2011, San Diego, California, USA. *Proceedings*. Washington: International Microelectronics and Packaging Society, 2011, str. 23-28. [COBISS.SI-ID [24644903](#)]
 12. TREFALT, Gregor, KOSEC, Marija, KUŠČER, Danjela, STAVBER, Gaj, MALIČ, Barbara. Ink-jet printing of TiO₂ suspensions. V: 2011 IMAPS/ACerS, 7th International Conference and Exhibition on Ceramic Interconnect and Ceramic Microsystems Technologies (CICMT), April 5-7, 2011, San Diego, California, USA. *Proceedings*. Washington: International Microelectronics and Packaging Society, 2011, str. 47-53. [COBISS.SI-ID [24645159](#)]
 13. BELAVIČ, Darko, SANTO-ZARNIK, Marina, HROVAT, Marko, HOLC, Janez, MAKAROVIČ, Kostja, DOLANC, Gregor. Thermal design of LTCC based ceramic microsystem. V: JASIŃSKI, Piotr (ur.), JASIŃSKI, Grzegorz (ur.). 35th International Microelectronics and Packaging IMAPS - IEEE CPMT Poland Conference, September 21-24, 2011, Gdańsk-Sobieszewo. *Proceedings*. [S. l.]: IMAPS-CPMT, 2011, str. 89-92. [COBISS.SI-ID [25085735](#)]
 14. SANTO-ZARNIK, Marina, BELAVIČ, Darko, HODNIK, Marjan. The effect of humidity on the stability of LTCC pressure sensors. V: JASIŃSKI, Piotr (ur.), JASIŃSKI, Grzegorz (ur.). 35th

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25. PLETERŠEK, Anton, SOK, Mihael, POLH, Katja. An application of integrated low power gas sensor for remote sensing of chemical agents using RFID infrastructure. V: BRATINA, Guido (ur.), ŠORLI, Iztok (ur.). 47th International Conference on Microelectronics, Devices and Materials and the Workshop on Organic Semiconductors, Technologies and Devices, September 28 - September 30, 2011, Ajdovščina, Slovenia. *Proceedings*. Ljubljana: MIDEM - Society for Microelectronics, Electronic Components and Materials, 2011, str. 103-106, ilustr. [COBISS.SI-ID [8719956](#)]
26. TRIFKOVIČ, Mario, RAIČ, Dušan, STRLE, Drago. Evaluation of power distribution problems in CMOS mixed signal system. V: BRATINA, Guido (ur.), ŠORLI, Iztok (ur.). 47th International Conference on Microelectronics, Devices and Materials and the Workshop on Organic Semiconductors, Technologies and Devices, September 28 - September 30, 2011, Ajdovščina, Slovenia. *Proceedings*. Ljubljana: MIDEM - Society for Microelectronics, Electronic Components and Materials, 2011, str. 107-111, ilustr. [COBISS.SI-ID [8721748](#)]
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46. MEDEN, Anton. Rentgenska praškovna difrakcija (XRD). V: KUŠČER, Danjela (ur.). *Zbornik predavanj : delavnica Karakterizacija materialov, 7. in 8. november 2011, Rogla, Slovenija*. Ljubljana: Center odličnosti Namaste, 2011, str. 13-16. [COBISS.SI-ID 35560965]

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48. ČEŠAREK, Maja, JELENC, Janez, REMŠKAR, Maja. Kelvinova tipalna mikroskopija. V: KUŠČER, Danjela (ur.). *Zbornik predavanj : delavnica Karakterizacija materialov, 7. in 8. november 2011, Rogla, Slovenija*. Ljubljana: Center odličnosti Namaste, 2011, str. 25-28. [COBISS.SI-ID [25262887](#)]

1.09 Objavljeni strokovni prispevek na konferenci | *Published Professional Conference Contribution*

1. BAN, Irena, KRISTL, Matjaž, DROFENIK, Mihael. A sonochemical method for the preparation of CdTe nanoparticles for photovoltaic cells. V: VALANT, Matjaž (ur.), GARDONIO, Sandra (ur.), FABBRETTI, Elsa (ur.), PIRNAT, Urša (ur.). Slovenian-Italian Conference on Materials and Technologies for Sustainable Growth, Ajdovščina, 4-6 May 2011. *Book of abstracts. Proceedings book*. Nova Gorica: University, 2011, str. 1-[8]. [COBISS.SI-ID [14942998](#)]

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

1. KOSMAČ, Tomaž, JEVNIKAR, Peter. "In-vivo" ageing of dental zirconia ceramics : 12-months results. V: 35th International Conference and Exposition on Advanced Ceramics and Composites, January 23-28, 2011, Daytona Beach, Florida, USA. *Abstracts book*. [S. l.]: The American Ceramic Society, 2011, str. 120. [COBISS.SI-ID [25487655](#)]
2. REČNIK, Aleksander, DANEU, Nina, BERNIK, Slavko. Microstructural engineering of ZnO-based varistor ceramics via inversion boundary induced grain growth. V: Bilateral Energy Conference, May 9-13, 2011, Nice, France. *E-MRS 2011 spring meeting*. Strasbourg: E-MRS, 2011. [COBISS.SI-ID [24744487](#)]
3. KOSEC, Marija, MALIČ, Barbara, KUŠČER, Danjela, TREFALT, Gregor, TELLIER, Jenny. How ceramic processing can contribute to progress in transparent electronics. V: *E-MRS Fall Meeting, 19-23 September 2011, Warsaw, Poland*. Warsaw: University of Technology, 2011. [COBISS.SI-ID [25112871](#)]
4. KOSEC, Marija, ROJAC, Tadej, MALIČ, Barbara, URŠIČ, Hana. Towards Extreme properties of piezoelectric ceramics by novel powder processing route. V: 12th European Meeting on Ferroelectricity, June 26th - July 1st 2011 Bordeaux, France. *EMF 2011*. [S. l.: s. n.], 2011, 1 str. [COBISS.SI-ID [24880423](#)]
5. BERNIK, Slavko, PODLOGAR, Matejka, RICHARDSON, Jacob J., VENGUST, Damjan, DANEU, Nina, REČNIK, Aleksander. Low-temperature hydrothermal synthesis of transparent ZnO films on glass substrate. V: 5th International Conference on Electroceramics, December 12-16, 2011, Sydney, Australia. *ICE 2011*. [S. l.]: The University of New South Wales, 2011, str. 36. [COBISS.SI-ID [25430311](#)]
6. KOSEC, Marija, MALIČ, Barbara, ROŽIČ, Brigita, KUTNJAK, Zdravko, URŠIČ, Hana, HOLC, Janez. A large electrocaloric response of relaxor ferroelectrics : bulk and thin films. V: 5th International Conference on Electroceramics, December 12-16, 2011, Sydney, Australia. *ICE 2011*. [S. l.]: The University of New South Wales, 2011, str. 41. [COBISS.SI-ID [25562151](#)]
7. REMŠKAR, Maja. Problematika varne proizvodnje in uporabe nanoteksita = Concerns regarding safe production and use of nanotextile : [invited talk]. V: SIMONČIČ, Barbara (ur.), GREGOR-SVETEC, Diana (ur.), FORTE-TAVČER, Petra (ur.). 42. simpozij o novostih v tekstilstvu "Nove tehnologije - da ali ne?", 6. simpozij o novostih v grafiki "Nove ideje!", 2. junij 2011,

Ljubljana. *Nove tehnologije - da ali ne?*. Ljubljana: Naravoslovnotehniška fakulteta, Oddelek za tekstilstvo, 2011, str. 16. [COBISS.SI-ID [24795687](#)]

8. BERNIK, Slavko, PODLOGAR, Matejka, DANEU, Nina, REČNIK, Aleksander. Low-doped ZrO-based varistor ceramics with broad range of break-down voltages. V: BOŠKOVIĆ, Snežana (ur.), BRANKOVIĆ, Zorica (ur.). 1CSCS-2011, 1st Conference of the Serbian Ceramic Society, March 17-18, 2011, Belgrade, Serbia. *Program and the book of abstracts*. Belgrade: The Serbian Ceramic Society: Vinča Institute of Nuclear Sciences: Institute for Multidisciplinary Research: Institute of Physics, 2011, str. 24. [COBISS.SI-ID [24556071](#)]
9. RESNIK, Drago, KOVAČ, Janez, VRTAČNIK, Danilo, MOŽEK, Matej, AMON, Slavko. The influence of target composition and thermal treatment on sputtered Al grain growth. V: MOZETIČ, Miran (ur.), VESEL, Alenka (ur.). 18. mednarodno znanstveno srečanje Vakuumska znanost in tehnika, Bohinjsko Jezero, 2.-3. junij 2011 = 18th International Scientific Meeting on Vacuum Science and Techniques, Bohinjsko Jezero, 2-3 June 2011. *Program in knjiga povzetkov*. Ljubljana: Društvo za vakuumsko tehniko Slovenije: = Slovenian Society for Vacuum Technique, 2011, str. 16. [COBISS.SI-ID [8784980](#)]
10. BERNIK, Slavko, PODLOGAR, Matejka, DANEU, Nina, REČNIK, Aleksander. A novel approach to tailoring the microstructure and electrical characteristics of ZnO-based varistor ceramics via inversion-boundary (IB) induced grain growth. V: PAVLOVIĆ, Miomir (ur.), LAČNJEVAC, Časlav (ur.). XIII YUCORR [Jugoslovenska korozija] International Conference, Tara, 05. 04 - 08. 04. 2011. god. *Razmena iskustava na području korozije, zaštite materijala i životne sredine : knjiga izvoda radova : book of abstracts*. Beograd: Savez inženjera Srbije za zaštitu materijala, 2011, str. 28. [COBISS.SI-ID [24632103](#)]
11. ŽUMER, Slobodan. Geometrija in topologija kiralnih in koloidnih nematkov : od vozlov do skyrmionov = Geometry and topology of chiral and colloidal nematics : from knots to skyrmions. V: ROBNIK, Marko (ur.), KOROŠAK, Dean (ur.). 10. simpozij fizikov Univerze v Mariboru, 8., 9. in 10. december 2011, Maribor. *Zbornik povzetkov*. Maribor: CAMTP, 2011, str. [82-85]. [COBISS.SI-ID [2523236](#)]
12. REMŠKAR, Maja. Svetli obeti nanotehnologije, velikega odkritja in stranpoti. V: SKVARČ, Mariza (ur.), POBERŽNIK, Anita (ur.). Konferenca učiteljev naravoslovnih predmetov, Laško, 25. in 26. avgust 2011. *Zbornik povzetkov*. 1. izd. Ljubljana: Zavod Republike Slovenije za šolstvo, 2011, str. 17. [COBISS.SI-ID [24984103](#)]

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

1. GORGIEVA, Selestina, ŠTRANCAR, Janez, KOKOL, Vanja. Microstructure modulation of 3D gelatin-based scaffolds. V: GRIJPMMA, D.W. (ur.). *Advanced Functional Polymers for Medicine [also] AFPM2011*, June 15th-17th, 2011, University of Twente, Enschede, The Netherlands. *Abstract book*. Enschede: University of Twente, cop. 2011, str. 73. [COBISS.SI-ID [15076630](#)]
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1.16 Samostojni znanstveni sestavek ali poglavje v monografski publikaciji | *Independent scientific article or chapter in a monograph*

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1.25 Drugi sestavni deli | *Other publications*

1. MUŠIČ, Branka, ŽNIDARŠIČ, Andrej, RAJNAR, Nevenka, BREGAR, Vladimir Boštjan, VENTURINI, Peter. Premaz kot absorber elektromagnetnega sevanja v območju 500 MHz do 3 GHz = Coatings that function as an absorber of electromagnetic radiation in the range from 500 MHz to 3 GHz. V: *Prava smer za prihodnost : [katalog inovacij]*. Ljubljana: Japti, Javna agencija za podjetništvo in tuje investicije, 2011, str. 36, ilustr. [COBISS.SI-ID [35591173](#)]

3.14 Predavanje na tuji univerzi | *Invited lectures*

1. MAKAROVIČ, Kostja. *The dependence of processing conditions to the properties of LTCC material : invited talk*. Leoben: Montanuniversitaet, 22. dec. 2011. [COBISS.SI-ID [25545511](#)]

2. ISKRA, Ivan. *Detekcija nanodelcev : vabljeno predavanje*. Ljubljana: Fakulteta za elektrotehniko, Katedra za osnove elektrotehnike, matematiko in fiziko, 21. jan. 2011. [COBISS.SI-ID 24406567]
3. KOSMAČ, Tomaž. *Effects of dental grinding and sandblasting on ageing and fatigue behavior of dental zirconia (3Y-TZP) ceramics : invited talk*. Sao Paulo: School of Dentistry of the University of Sao Paulo, 10. okt. 2011. [COBISS.SI-ID 25599527]
4. KOSMAČ, Tomaž. *Effects of grinding, sandblasting and ageing on the fatigue behavior of dental zirconia (3Y-TZP) ceramics : invited talk*. Gainesville: University of Florida, 21. jan. 2011. [COBISS.SI-ID 25528615]
5. REMŠKAR, Maja. *Health risks produced by nanoparticles and how to detect them in air : invited talk*. Notre Dame: University of Notre Dame, 10. feb. 2011. [COBISS.SI-ID 24455719]
6. KOSMAČ, Tomaž, JEVNIKAR, Peter, KOCJAN, Andraž. *"In-vivo" ageing of dental zirconia ceramics : 12-months results : invited talk*. Costa Mesa: Ceradyne, mar. 2011. [COBISS.SI-ID 25600039]
7. BERNIK, Slavko. *Influence of inversion boundaries on grain-growth in ZnO ceramics : invited talk*. Shanghai: The State Key Lab of High Performance Ceramics and Superfine Microstructure, Shanghai Institute of Ceramics, 24. maj. 2011. [COBISS.SI-ID 24868391]
8. SANTO-ZARNIK, Marina. *LTCC-based pressure sensors : invited talk*. Leoben: Montan University, 22. dec. 2011. [COBISS.SI-ID 25545255]
9. KOSEC, Marija. *Materiali še kar osvajajo svet : globalno in lokalno : vabljeno predavanje*. Ljubljana: Strokovno društvo za mikroelektroniko, elektronske sestavne dele in materiale: = MIDEM, 26. maj 2011. [COBISS.SI-ID 24779303]
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11. HROVAT, Marko, BELAVIČ, Darko. *Presentation JSI and HIPOT-RR activities : invited talk*. Leoben: Montan University, 22. dec. 2011. [COBISS.SI-ID 25544487]
12. REMŠKAR, Maja. *Safe nanotechnology and monitoring of airborne particulates in work environment : invited talk*. Stockholm: Royal Institute of Technology, Department of production engineering, 10. okt. 2011. [COBISS.SI-ID 25307687]
13. BELAVIČ, Darko. *Some examples of nonconventional applications of LTCC technology : invited talk*. Leoben: Montan University, 22. dec. 2011. [COBISS.SI-ID 25544999]
14. KOSMAČ, Tomaž. *Tetragonal zirconia (Z-TZP) ceramics for dental applications : invited talk*. Costa Mesa: Ceradyne, mar. 2011. [COBISS.SI-ID 25600551]
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