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Jan Czochralski prekursor współczesnej elektroniki. Stulecie odkrycia krystalizacji. 2013, Warszawa, Oficyna wydawnicza PW, I, zam. nr 547/13, 63 s., il., bibligr.
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Janeczek K. (Tele and Radio Research Institute, Warszawa, Poland), Jakubowska Małgorzata (ITME) (Warsaw University of Technology, Institute of Metrology and Biomedical Engineering, Warszawa, Poland), Kozioł G. (Tele and Radio Research Institute, Warszawa, Poland), Jankowski-Mihułowicz P. (Rzeszów University of Technology, Department of Electronic and Communications Systems, Rzeszów, Poland)

Passive UHF RFID-enabled sensor system for detection of product‘s exposure to elevated temperature.
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87.

Jóźwik-Biała Iwona (ITME), Jagielski Jacek (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Gawlik Grzegorz (ITME), Jóźwik Przemysław (ITME), Ratajczak R. (National Centre for Nuclear Research, Świerk-Otwock, Poland), Panczer G. (Institut Lumiere Matiere ILM, Universite de Lyon, Villeurbanne, France), Moncoffre N. (Institut de Physique Nucleaire de Lyon IPNL, Universite de Lyon, Villeurbanne, France), Bererd N. (Institut de Physique Nucleaire de Lyon IPNL, Universite de Lyon, Villeurbanne, France), Świrkowicz Marek (ITME)

Cathodoluminescence-based quantative analysis of radiation damage in powellite single crystals.
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Nuclear Instruments and Methods in Physics Research B

88.

Thome L. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Debelle A. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Garrido F. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Mylonas S. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Decamps B. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Bachelet C. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Orsay, France), Sattonnay G. (LEMHE/ICMMO, Universitate Paris-Sud., Orsay, France), Moll S. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Pellegrino S. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Miro S. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Trocellier P. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Serruys Y. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Velisa G. (CEA, DMN/SRMP, Gif/Yvette Cedex, France), Grygiel C. (CIMAP, CEA-CNRS-Universite de Caen, France), Monnet I. (CIMAP, CEA-CNRS-Universite de Caen, France), Toulemonde M. (CIMAP, CEA-CNRS-Universite de Caen, France), Simon P. (CEMHTL CNRS, Orleans Cedex 2, France), Jagielski Jacek (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Jóźwik-Biała Iwona (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Nowicki L. (National Centre for Nuclear Research, Świerk-Otwock, Poland), Behar M. (Instituto de Fisica, Univeridade federal do Rio Grande do Sul,Porto Alegre, Brazil), Weber W.J. (Department of Materials Science&Engineering,University of Tennessee, Knoxvile, TN, USA), Zhang Y. (Department of Materials Science&Engineering,University of Tennessee, Knoxvile, TN, USA), Backman M. (Department of Materials Science&Engineering,University of Tennessee, Knoxvile, TN, USA), Nordlund K. (Helsinki Institute of Physics, University of Helsinki, Finland), Djurabekova F. (Helsinki Institute of Physics, University of Helsinki, Finland)

Radiation effects in nuclear materials: Role of nuclear and electronic energy losses and their synergy.
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89.

Wendler E. (Friedrich-Schiller-Universitat Jena, Institut fur Festkorperphysik, Jena, Germany), Stonert A. (National center of Nuclear Research, Świerk-Otwock, Poland), Turos Andrzej (ITME) (National center of Nuclear Research, Świerk-Otwock, Poland), Wesch W. (Friedrich-Schiller-Universitat Jena, Institut fur Festkorperphysik, Jena, Germany)

Low-temperature damage formation in ion implanted InP.

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Optical and Quantum Electronics

90.

Kasztelanic R. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Kujawa Ireneusz (ITME), Stępień Ryszard (ITME), Cimek Jarosław (ITME), Haraśny Krzysztof (ITME), Klimczak Mariusz (ITME), Waddie A.J. (Institute of Photonics and Quantum Sciencesm School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Taghizadeh M.R. (Institute of Photonics and Quantum Sciencesm School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland)

Fabrication and characterization of microlenses made of tellurite and heavy metal oxide glass developed with hot embossing technology.

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91.

Dorywalski K. (Faculty of Electronics and Computer Sciences, Koszalin University of Technology, Poland), Andriyevsky B. (Faculty of Electronics and Computer Sciences, Koszalin University of Technology, Poland), Cobet C. (Leibniz-Institute fur Analytische Wissenschafen -ISAS, Berlin, Germany), Piasecki M. (J.Długosz University, Częstochowa, Poland), Kityk I.V. (Electrical Engineering Department, Technological University of Czestochowa, Poland), Esser N. (Leibniz-Institute fur Analytische Wissenschafen -ISAS, Berlin, Germany), Łukasiewicz Tadeusz (ITME)

Ellipsometric study of near band gap optical properties of $Sr_xBa_{1-x}Nb_2O_6$ crystals.

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92.

Stępień Ryszard (ITME), Pysz Dariusz (ITME), Kujawa Ireneusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Department of Physics, Warszawa, Poland)

Development of silicate and germanate glasses based on lead, bismuth and gallium oxides for midIR microstructures fibers and microoptical elements.

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93.

Zhydachevskii Y. (Lviv Polytechnic National University, Ukraine; Institute of Physics, Polish Academy of Science, Warszawa, Poland), Suchocki A. (Lviv Polytechnic National University, Ukraine; Institute of Physics, Polish Academy of Science, Warszawa, Poland), Pajączkowska Anna (ITME), Kłos Andrzej (ITME), Szysiak Agnieszka (ITME), Reszka A. (Institute of Physics, Polish Academy of Science, Warszawa, Poland)

Spectroscopic properties of Mn^{4+} ions in $SrLaAlO_4$.

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Optical Materials Express

94.

Sobon G. (Laser&Fiber Electronics Group, Wrocław University of Technology, Poland), Klimczak Mariusz (ITME), Sotor J. (Laser&Fiber Electronics Group, Wrocław University of Technology, Poland), Krzempek K. (Laser&Fiber Electronics Group, Wrocław University of Technology, Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Martynkien T. (Institute of Physics, Wrocław University of Technology, Poland), Abramski K.M. (Laser&Fiber Electronics Group, Wrocław University of Technology, Poland), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Poland)

Infrared supercontinuum generation in soft-glass photonic crystal fibers pumped at 1560 nm.

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Optics Express

95.

Heyvaert S. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium), Ottevaere H. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium), Kujawa Ireneusz (ITME), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland), Raes M. (Department of Electrochemical and Surface Engineering, SURF, Vrije Universiteit Brussels, Belgium), Terryn H. (Department of Electrochemical and Surface Engineering, SURF, Vrije Universiteit Brussels, Belgium), Thienpont H. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium)

Numerical characterization of an ultra-high NA coherent fiber bundle part I: modal analysis.

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96.

Heyvaert S. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium), Ottevaere H. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium), Kujawa Ireneusz (ITME), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland), Thienpont H. (Brussels Photonics Team B-PHOT, Vrije Universiteit Brussel, Belgium)

Numerical characterization of an ultra-high NA coherent fiber bundle part II: point spread function analysis.

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97.

Sobon G. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Wrocław, Poland), Sotor J. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Wrocław, Poland), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Institute of Optoelectronic, Military University of Technology, Warszawa, Poland), Strupiński Włodzimierz (ITME), Abramski K.M. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Wrocław, Poland)

Thulium-doped all-fiber laser mode-locked by CVD-graphene/PMMA saturable absorber.

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98.

Sotor J. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Wrocław,

Poland), Sobon G. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Wrocław, Poland), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Strupiński Włodzimierz (ITME), Abramski K.M. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Wrocław, Poland)

Simulation mode-locking at 1565 nm and 1944 nm in fiber laser based on common graphene saturable absorber.
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99.
Klimczak Mariusz (ITME), Stępniewski Grzegorz (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland), Bookey H. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Szołno Agnieszka (ITME), Stępień Ryszard (ITME), Pysz Dariusz (ITME), Kar A. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Waddie A. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Taghizadeh M.R. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland)

Broadband infrared supercontinuum generation in hexagonal-lattice tellurite photonic crystal fiber with dispersion optimized for pumping near 1560 nm.
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Bajor Andrzej (ITME)

Refraction in plane-parallel plate-Reconsideration of method of measurement of refractive indices.
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101.
Buixaderas E. (Acad.Sc.Czech Republic, Inst.Phys.Prague, Czech Republic), Gregora I. (Acad.Sc.Czech Republic, Inst.Phys.Prague, Czech Republic), Hlinka J. (Acad.Sc.Czech Republic, Inst.Phys.Prague, Czech Republic), Dec J. (Univ.Silesia, Inst.Mat.Sc., Katowice, Poland), Łukasiewicz Tadeusz (ITME)

Raman and IR phonons in ferroelectric $Sr_{0.35}Ba_{0.69}Nb_2O_{6.04}$ single crystals.
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102.
Kasztelanic R. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kujawa Ireneusz (ITME), Stępień Ryszard (ITME), Waddie A.J. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Taghizadeh M.R. (School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Buczyński Ryszard (ITME) (University of Warsaw, Department of Physics, Warszawa, Poland)

Fabrication of refraction and difraction glass lenses by using hot embossing process.
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103.
Sobczak Grzegorz (ITME), Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Krzyżak Konrad (ITME), Kalbarczyk Joanna (ITME), Maląg Andrzej (ITME)

The concept and realization of high-power laser diodes with multi-stripe-gain distribution.
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104.
Bercha A. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Ivonyak Y. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Klimczak M. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Dybala F. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Piechal B. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Trzeciakowski W.A. (Institute of High Pressure Physics, Polish Academy of Sciences "UNIPRESS", Warszawa, Poland), Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Maląg Andrzej (ITME)

Leakage current in 808 nm laser diodes analyzed using high hydrostatic pressure and temperature.
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105.
Rudziński Mariusz (ITME), Kudrawiec R. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Kucharski R. (AMMONO S.A., Warszawa, Poland), Dwiliński R. (AMMONO S.A., Warszawa, Poland), Strupiński Włodzimierz (ITME)

Properties of MOCVD GaN/AlGaN heterostructures grown on polar and non-polar bulk GaN substrates.
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106.
Drabińska A. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Wołoś A. (Faculty of Physics, University of Warsaw, Poland; Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Strupiński Włodzimierz (ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Poland), Bardyszewski W. (Faculty of Physics, University of Warsaw, Poland), Bożek R. (Faculty of Physics, University of Warsaw, Poland), Baranowski Jacek (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland)

Enhancement of elastic and inelastic scattering lengths in quasi-free-standing graphene measured with contactless microwave spectroscopy.
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Polish Journal Chemical Technology

107.

Majchrzycki Ł. (Institute of Non-Ferrous Metals Division in Poznań Central Laboratory of Batteries and Cells, Poznań, Poland; Poznań University of Technology, Institute of Physics, Poznań, Poland), Michalska Monika (ITME), Walkowiak M. (Institute of Non-Ferrous Metals Division in Poznań Central Laboratory of Batteries and Cells, Poznań, Poland), Wiliński Zbigniew (ITME), Lipińska Ludwika (ITME)

Graphene oxide-assisted synthesis of $LiMn_2O_4$ nanopowder.

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Powder Technology

108.

Nosewicz S. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warszawa, Poland), Rojek J. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warszawa, Poland), Pietrzak Katarzyna (ITME) (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warszawa, Poland), Chmielewski Marcin (ITME)

Viscoelastic discrete element model of powder sintering.

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Suproniuk M. (Wojskowa Akademia Techniczna, Warszawa), Pawłowski M. (Wojskowa Akademia Techniczna, Warszawa), Kamiński Paweł (ITME), Kozłowski Roman (ITME)

Modelowanie kinetyki fotoprzewodnictwa półizolującego GaAs.

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110.

Baran Magdalena (ITME), Zhydachevskii Y. (Politechnika Lwowska, Ukraina; Instytut Fizyki PAN, Warszawa), Diduszko Ryszard (ITME), Suchocki A. (Instytut Fizyki PAN, Warszawa; Uniwersytet Kazimierza Wielkiego, Bydgoszcz), Pajączkowska Anna (ITME)

Termoluminescencja nowych materiałów o strukturze perowskitu otrzymywanych metodą zol-żel.

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111.

Lipińska Ludwika (ITME), Jagiełło Joanna (ITME), Skrzypczyńska K. (Wojskowa Akademia Techniczna, Warszawa), Kuśmierek K. (Wojskowa Akademia Techniczna, Warszawa), Świątkowski A. (Wojskowa Akademia Techniczna, Warszawa)

Węglowe elektrody pastowe modyfikowane zredukowanym tlenkiem grafenu i nanorurkami węglowymi - ich zastosowanie do oznaczania 4-chlorofenolu.

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112.

Turos Andrzej (ITME) (National Centre for Nuclear Research, Otwock, Poland)

On the mechanism of damage buildup in gallium nitride.

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113.

Jagielski Jacek (ITME) (Department of Materials Research, National Centre for Nuclear Research, Otwock-Świerk, Poland), Jóźwik Przemysław (ITME) (Department of Materials Research, National Centre for Nuclear Research, Otwock-Świerk, Poland), Jóźwik-Biała Iwona (ITME), Kovarik L. (Enviromental Molecular Science Laboratory, Pacific Northwest National Laboratory, Richland, WA, USA), Arey B. (Enviromental Molecular Science Laboratory, Pacific Northwest National Laboratory, Richland, WA, USA), Gaca Jarosław (ITME), Jiang W. (Enviromental Molecular Science Laboratory, Pacific Northwest National Laboratory, Richland, WA, USA)

RBS/C, HRTEM and HRXRD study of damage accumulation in irradiated $SrTiO_3$.

Vol.168 nr 6 s.442-449 (doi:10.1080/10420150.2013.787796)

Radiation Physics and Chemistry

114.

Wierzchowski Wojciech (ITME), Wieteska K. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Klinger D. (Polish Academy of Sciences, Institute of Physics, Warszawa, Poland), Sobierajski R. (Polish Academy of Sciences, Institute of Physics, Warszawa, Poland), Pelka J.B. (Polish Academy of Sciences, Institute of Physics, Warszawa, Poland), Żymierska D. (Polish Academy of Sciences, Institute of Physics, Warszawa, Poland), Balcer Tomasz (ITME), Chalupsky J. (Institute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic), Gaudin J. (European XFEL, DESY, Hamburg, Germany), Hajkova V. (nstitute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic), Burian T. (Institute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic), Gleeson A.J. (CCRLC Daresbury Laboratory, Wirrington, UK), Juha L. (Institute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic), Sinn H. (European XFEL, DESY, Hamburg, Germany), Sobota D. (Jan Kochanowski University, Institute of Physics, Kielce, Poland), Tiedtke K. (HASYLAB at DESY, Hamburg, Germany), Toleikis S. (HASYLAB at DESY, Hamburg, Germany), Tschentscher T. (HASYLAB at DESY, Hamburg, Germany), Vysin L. (Institute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic), Wabnitz H. (HASYLAB at DESY, Hamburg, Germany), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

Investigation of damage induced by intense femtosecond XUV pulses in silicon crystals by means of white beam synchrotron section topography.

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115.

Wieteska K. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Wierzchowski Wojciech (ITME), Malinowska Agnieszka (ITME), Lefeld-Sosnowska M. (Institute of Experimental Physics University of Warsaw, Poland), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

Synchrotron diffraction topography of $Sr_xBa_{1-x}Nb_2O_6$(SBN) $Ca_xBa_{1-x}Nb_2O_6$ (CBN) and mixed $(Ca_{0.28}Ba_{0.72})y(Sr_{0.61}Ba_{0.39})_{1-y}Nb_2O_6$ (CSBN) crystals.
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116.

Jasiński J.B. (Conn Center for Renewable Energy Research, University of Louisville, KY, USA), Ziólkowska D. (Faculty of Physics, University of Warsaw, Poland), Michalska Monika (ITME), Lipińska Ludwika (ITME), Korona K.P. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland)

Novel graphene oxide/manganese oxide nanocomposites.
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Rudy i Metale Nieżelazne

117.

Basista M. (Instytut Podstawowych Problemów Techniki PAN, Warszawa), Pietrzak Katarzyna (ITME) (Instytut Podstawowych Problemów Techniki PAN, Warszawa), Węglewski W. (Instytut Podstawowych Problemów Techniki PAN, Warszawa), Chmielewski Marcin (ITME)

Kompozyty spiekane Cr-Al_2O_3 z dodatkiem renu - wytwarzanie, właściwości, modelowanie, zastosowania.
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Science of Advanced Materials

118.

Ramirez M.O. (Dpto. Fisica de Materiales and Instituto Nicolas Cabrera, Universidad Autonoma dem Madrid, Spain), Molina P. (Dpto. Fisica de Materiales and Instituto Nicolas Cabrera, Universidad Autonoma dem Madrid, Spain), Mateos L. (Dpto. Fisica de Materiales and Instituto Nicolas Cabrera, Universidad Autonoma dem Madrid, Spain), Turczyński Sebastian (ITME), Kaczkan M. (Instituteof Microelectronics and Optoelectronics, Warszawa, Poland), Malinowski M. (Instituteof Microelectronics and Optoelectronics, Warszawa, Poland), Pawlak Dorota (ITME), Bausa L.E. (Dpto. Fisica de Materiales and Instituto Nicolas Cabrera, Universidad Autonoma dem Madrid, Spain)

Pr^{3+} -based fluorescent TiO_2 split ring resonator-like crystalline microstructures.
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Soldering & Surface Mount Technology

119.

Bukat K. (Tele and Radio Research Institute, Warszawa, Poland), Sitek J. (Tele and Radio Research Institute, Warszawa, Poland), Kościelski M. (Tele and Radio Research Institute, Warszawa, Poland), Niedźwiedź W. (Tele and Radio Research Institute, Warszawa, Poland), Młożniak Anna (ITME), Jakubowska M (Warsaw University of Technology, Warszawa, Poland)

SAC solder paste with carbon nanotubes. Part II. carbon nanotubes‘ effect on solder joints‘ mechanical properties and microstructure.
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Solid State Ionics

120.

Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland;Industrail Chemistry Research Institute, Warszawa, Poland), Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Korona K. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

The effect of electrode thickness on electrochemical performance of $LiMn_2O_4$ cathode synthesized by modified sol-gel method.

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Solid State Phenomena

121.

Pawluk P. (Warsaw University of Technology, Faculty of Materials Science & Engineering, Warszawa, Poland), Skołek E. (Warsaw University of Technology, Faculty of Materials Science & Engineering, Warszawa, Poland), Kopcewicz Michał (ITME), Świątnicki W. (Warsaw University of Technology, Faculty of Materials Science & Engineering, Warszawa, Poland)

The comparative study of phase composition of steels using x-ray diffraction and mossbauer spectroscopy metods.

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Surface and Interface Analysis

122.

Konarski P. (Tele and Radio Research Institute, Warszawa, Poland), Kaczorek K. (Tele and Radio Research Institute, Warszawa, Poland), Kaliński Dariusz (ITME), Chmielewski Marcin (ITME), Pietrzak Katarzyna (ITME), Barlak M. (National Centre for Nuclear Research, Otwock-Świerk, Poland)

Ion implanted inconel alloy - SIMS and GDMS depth profile analysis.

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The Journal Physical Chemistry C

123.

Ciuk Tymoteusz (ITME) (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warszawa, Poland), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Sobieski J. (Faculty of Physics, Warsaw University of Technology, Warszawa, Poland), Caban Piotr (ITME), Szmidt J. (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warszawa, Poland), Strupiński Włodzimierz (ITME)

Properties of chemical vapor deposition graphene transferred by high-speed electrochemical delamination.

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III. REFERATY, KOMUNIKATY, PLAKATY/POSTERY OPUBLIKOWANE, WYGŁOSZONE, ZGŁOSZONE NA KONFERENCJACH, SEMINARIACH, SYMPOZJACH MIĘDZYNARODOWYCH, ZAGRANICZNYCH I KRAJOWYCH

Seminarium w Centrum Materiałów Zaawansowanych i Nanotechnologii Politechniki Wrocławskiej, Wrocław, Polska, 2013.01.08

1.

Rudziński Mariusz (ITME)

Epitaksja struktur półprzewodnikowych na podłożach GaN wytwarzanych metodą ammonotermalną.

European Workshop on Epitaxial Graphene, Aussois, Francja, 2013.01.27-2013.01.31

2.

Pasternak Iwona (ITME), Grodecki Kacper (ITME), Ciuk Tymoteusz (ITME), Strupiński Włodzimierz (ITME)

CVD graphene grown on copper foil ans PVD copper on Si/SiO_2 substrates.

Abstract. 1 s. bibliogr.

Ion Beams in Science and Technology, Holzhau, Germany, 2013.02.18-2013.02.22

3.

Turos Andrzej (ITME)

Defect accumulation and transformations in semiconductors.

XXII Poznańskie Konwersatorium Analityczne - "Nowoczesne metody przygotowania próbek i oznaczania śladowych ilości pierwiastków, Poznań, Polska, 2013.04.04-2013.04.05

4.

Zalewska Izabela (ITME), Karaś Agata (ITME), Sokołowska Wanda (ITME)

Zastosowanie metod spektroskopowych (FAAS i ICP-OES) do kontroli procesu technologicznego wprowadzania domieszek celowych do spinelu glinowo-magnezowego ($Me:MgAl_2O_4$).

XI Konferencja Naukowa - Technologia Elektronowa, Ryn, Polska, 2013.04.16-2013.04.20

5.

Buczyński Ryszard (ITME) (Wydział Fizyki, Uniwerystet Warszawski), Waddie A. (Heriot-Watt University, School of Engineering and Physical Sciences, Edinburg, Scotland, UK), Nowosielski J. (Wydział Fizyki, Uniwersytet Warszawski; Heriot-Watt University, School of Engineering and Physical Sciences, Edinburg, Scotland, UK), Filipkowski Adam (ITME) (Heriot-Watt University, School of Engineering and Physical Sciences, Edinburg, Scotland, UK), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Taghizadeh M.R. (Heriot-Watt University, School of Engineering and Physical Sciences, Edinburg, Scotland, UK)

Wytwarzanie gradientowych mikrosoczewek eliptycznych z nanostrukturą wewnętrzną.
Abstrakt. 1 s.

6.
Caban Piotr (ITME), Grodecki Kacper (ITME), Ciuk Tymoteusz (ITME), Teklińska Dominika (ITME), Strupiński Włodzimierz (ITME)

Epitaksjalny grafen wytwarzany na węgliku krzemu metodami sublimacji i osadzania.
Abstrakt. 2 s., bibliogr.

7.
Ciuk Tymoteusz (ITME) (Instytut Mikroelektroniki i Optoelektroniki PW, Warszawa), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Instytut Optoelektroniki WAT, Warszawa), Sobieski J. (Wydział Fizyki PW, Warszawa), Szmidt J. (Instytut Mikroelektroniki i Optoelektroniki PW, Warszawa), Strupiński Włodzimierz (ITME)

Porównanie własności elektrycznych pojedynczej i podwójnej warstwy grafenowej na podłoża dielektryczne.
Abstrakt. 1 s., bibliogr.

8.
Dąbrowska Elżbieta (ITME), Kozłowska Anna (ITME), Teodorczyk Marian (ITME), Zawistowska Jolanta (ITME), Maląg Andrzej (ITME)

Wpływ naprężenia montażowego i termicznego na defekty ujawnione w czasie testów starzeniowych dla diod laserowych na pasmo 808 i 880 nm.
Proc.SPIE. The influence of mounting and thermal strains on defects disclose during ageing test for laser diodes for 808 nm and 880 nm bands. Vol.8902, 890211-1-9, il., bibliogr.

9.
Dobrzański Lech (ITME), Strupiński Włodzimierz (ITME), Gierałtowska S. (Instytut Fizyki, PAN, Warszawa), Stankiewicz Rafał (ITME), Góra Krzysztof (ITME), Kozłowski Andrzej (ITME), Stańczyk Beata (ITME)

Przyrządy z epitaksjalnego grafenu - opracowania ITME oraz perspektywy zastosowań.
Abstrakt. 1 s.

10.
Dumiszewska Ewa (ITME), Knyps Piotr (ITME), Wesołowski Marek (ITME), Teklińska Dominika (ITME), Strupiński Włodzimierz (ITME)

Trójzłączowe ogniwa słoneczne osadzane na podłożach germanowych - technologia i zastosowanie.
Abstrakt. 1 s.

11.
Jakubowska Małgorzata (ITME) (Wydział Mechatroniki, Politechnika Warszawska)

Pasty i atramenty dla elektroniki drukowanej.
Abstrakt. 1 s.

12.
Jakubowska Małgorzata (ITME) (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Janeczek K. (Tele & Radio Research Institute, Warszawa,

Poland), Młożniak Anna (ITME), Kozioł G. (Tele & Radio Research Institute, Warszawa, Poland), Araźna A. (Tele & Radio Research Institute, Warszawa, Poland)

Influence of carbon nanoparticles on the properties of screen printed polymer composites.
Proc.SPIE. Vol.8902 s.890227-1-7, il., bibliogr.

13.
Kalbarczyk Joanna (ITME), Młożniak Anna (ITME), Socha Urszula (ITME), Krzyżak Konrad (ITME), Gajewski Michał (ITME), Teodorczyk Marian (ITME)

Niskorezystywne warstwy kontaktowe na bazie kompozytów polimerowych zawierających nanocząstki srebra przeznaczone do urządzeń półprzewodnikowych.
Proc.SPIE. 2013, Low-resistance conact layers on the basis of polymer composites containing silver nanoparticles dedicated to semiconductor devices. Vol. 8902, s.89022K-1-8, il., bibliogr., doi: 10.1117/12.2031179

14.
Kiełbasiński Konrad (ITME), Jasiński J. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Firek P. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Kalenik J. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Kamińska A. (Instytut Tele- i Radiotechniczny, Warszawa), Szmidt J. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Czerwosz E. (Instytut Tele- i Radiotechniczny, Warszawa)

Uniwersalny układ pomiarowy do testowania głowic czujnikowych.
Abstrakt. 1 s.

15.
Król K. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska; Instytut Tele- i Radiotechniczny, Warszawa), Sochacki M. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Strupiński Włodzimierz (ITME), Turek M. (Instytut Fizyki UMCS, Lublin), Żuk J. (Instytut Fizyki UMCS, Lublin), Borowicz P. (Instytut Technologii Elektronowej, Warszawa), Przewłocki H.M. (Instytut Technologii Elektronowej, Warszawa), Kwoka M. (Politechnika Śląska, Gliwice), Kościelniak P. (Politechnika Śląska, Gliwice), Szuber J. (Politechnika Śląska, Gliwice), Szmidt J. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska)

Redukcja stanów pułapkowych w strukturze MOS 4H-SiC(001) pod wpływem implantacji azotu - wpływ profilu implantacji.
Abstrakt. 1 s.

16.
Maląg Andrzej (ITME), Sobczak Grzegorz (ITME), Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Kalbarczyk Joanna (ITME), Krzyżak Konrad (ITME), Nakielska Magdalena (ITME), Kozłowska Anna (ITME), Kowalik Andrzej (ITME), Pysz Dariusz (ITME)

Sprawność energetyczna, jakość wiązki i niezawodność w konstrukcji diod laserowych dużej mocy.
Abstrakt. 3 s.

17.
Racka Katarzyna (ITME), Tymicki Emil (ITME), Grasza Krzysztof (ITME) (Instytut Fizyki

PAN, Warszawa), Surma Barbara (ITME), Jakieła Rafał (ITME) (Instytut Fizyki PAN, Warszawa), Pisarek M. (Instytut Chemii Fizycznej PAN, Warszawa), Krzyżak Konrad (ITME), Teklińska Dominika (ITME) (Wydział Inżynierii Materiałowej, Warszawa), Krupka J. (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska)

Wzrost kryształów SiC metodą PVT - stabilizacja politypu 4H-SiC w obecności domieszki Ce.
Abstrakt. 2 s., bibliog

18.
Sidorowicz Agata (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Węglarz Helena (ITME), Wajler Anna (ITME), Nakielska Magdalena (ITME), Diduszko Ryszard (ITME), Jach Katarzyna (ITME), Brykała Urszula (ITME), Tomaszewski Henryk (ITME), Olszyna A. (Wydział Inżynierii Materiałowej, Politechnika Warszawska)

Otrzymywanie i charakteryzacja granatu itrowo-glinowego domieszkowanego tulem (Tm:YAG).
Abstrakt. 1 s.

19.
Siwicki Bartłomiej (ITME) (Wydział Fizyki, Uniwersytet Warszawski, Polska), Klimczak Mariusz (ITME), Skibiński P. (Instytut Chemii Fizycznej, PAN, Warszawa, Polska), Martynkien T. (Wydział Fizyki, Politechnika Wrocławska, Polska), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Szołno Agnieszka (ITME), Radzewicz C. (Wydział Fizyki, Uniwersytet Warszawski, Polska), Buczyński Ryszard (ITME) (Wydział Fizyki, Uniwersytet Warszawski, Polska)

Generacja supercontinuum w całoszklanych światłowodach fotonicznych z płaską dyspersją całkowicie w zakresie normalnym.
Abstrakt. 2 s. il., bibliogr.

20.
Słoma Marcin (ITME) (Instytut Metrologii i Inżynierii Biomedycznej, Politechnika Warszawska), Janczak D. (Instytut Metrologii i Inżynierii Biomedycznej, Politechnika Warszawska), Wróblewski G. (Instytut Metrologii i Inżynierii Biomedycznej, Politechnika Warszawska), Młożniak Anna (ITME), Jakubowska Małgorzata (ITME) (Instytut Metrologii i Inżynierii Biomedycznej, Politechnika Warszawska)

Struktury elektroluminescencyjne drukowane na podłożach papierowych i tkaninach.
Abstrakt. 1 s.

21.
Sobczak Grzegorz (ITME), Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Kalbarczyk Joanna (ITME), Maląg Andrzej (ITME)

Charakterystyka promieniowania sprzężonych fazowo matryc diod laserowych w pracy ciągłej (P= 1 W CW).
Proc.SPIE. Characterization of the optical beam emitted by high-power phase-locked arrays of diode lasers (P=1 W CW).Vol.8902, s. 890217-1-6, il., bibliogr.

22.
Sochacki M. (Instytut Mikro- i Optoelektroniki, Warszawa, Polska), Kwietniewski N. (Instytut Mikro- i Optoelektroniki, Warszawa, Polska), Król K. (Instytut Mikro- i Optoelektroniki, Warszawa, Polska), Caban Piotr (ITME), Szmidt J. (Instytut Mikro- i Optoelektroniki, Warszawa, Polska)

Wpływ technologii materiałów półprzewodnikowych z szeroką przerwą zabronioną na rozwój nowoczesnych aplikacji na rynku motoryzacyjnym, telekomunikacyjnym i odnawialnych źródeł energii.
Abstrakt. 2 s., bibliogr.

23.
Strupiński Włodzimierz (ITME)
Grafen w elektronice - właściwości, technologie, zastosowania.
Abstrakt. 1 s.

24.
Teklińska Dominika (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej, Warszawa), Caban Piotr (ITME), Strupiński Włodzimierz (ITME), Olszyna A. (Politechnika Warszawska, Wydział Inżynierii Materiałowej, Warszawa)
Mechanizm wzrostu warstwy epitaksjalnej 3C-SiC na podłożu Si.
Abstrak. 2 s. il., bibliogr.

25.
Teodorczyk Marian (ITME), Dąbrowska Elżbieta (ITME), Młożniak Anna (ITME), Lipińska Ludwika (ITME), Maląg Andrzej (ITME)
Zastosowanie grafenu i tlenku grafenu w technologii diod laserowych.
Abstrakt. 2 s. il., bibliogr.

26
Tymicki Emil (ITME), Grasza Krzysztof (ITME) (Instytut Fizyki, PAN, Warszawa), Racka Katarzyna (ITME), Teklińska Dominika (ITME) (Wydział Inżynierii Materiałowej), Sakowska Halina (ITME), Gała Maciej (ITME)
Podłoża 6H-SiC do otrzymywania grafenu.
Abstrakt. 2 s., biblioigr.

27.
Wajler Anna (ITME), Węglarz Helena (ITME), Zych Ł. (WIMCiC, Akademia Górniczo-Hutnicza, Kraków), Sidorowicz Agata (ITME) (WIM, Politechnika Warszawska), Putyra P. (Instytut Zaawansowanych Technologii Wytwarzania, Kraków), Jach Katarzyna (ITME), Brykała Urszula (ITME), Tomaszewski Henryk (ITME)
Wytwarzanie przezroczystego polikrystalicznego spinelu glinowo-magnezowego domieszkowanego kobltem ($Co:MgAl_2O_4$).
Abstrakt. 1 s.

28.
Węglarz Helena (ITME), Sidorowicz Agata (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Wajler Anna (ITME), Nakielska Magdalena (ITME), Kozłowska Anna (ITME), Tomaszewski Henryk (ITME), Librant Zdzisław (ITME)
Wytwarzanie i charakterystyka przezroczystego, polikrystalicznego granatu itrowo-glinowego domieszkowanego jonami ziem rzadkich (RE:YAG).
Abstrakt. 1 s.

29.
Węgrzecka I. (Instytut Technologii Elektronowej, Warszawa), Bar J. (Instytut Technologii Elektronowej, Warszawa), Grabiec P. (Instytut Technologii Elektronowej, Warszawa), Kozłowski Roman (ITME), Panas A. (Instytut Technologii Elektronowej, Warszawa), Sarnecki Jerzy (ITME), Słysz W. (Instytut Technologii Elektronowej, Warszawa), Szmigiel D. (Instytut Technologii Elektronowej, Warszawa), Węgrzecki M. (Instytut Technologii Elektronowej, Warszawa), Zaborowski M. (Instytut Technologii Elektronowej, Warszawa)

Technologia opracowanych w ITE krzemowych detektorów naładowanych cząstek.
Proc. of SPIE. Vol. 8902, s. 89021-1-7, il., bibliogr.

30.
Węgrzecki M. (Instytut Technologii Elektronowej, Warszawa), Bar J. (Instytut Technologii Elektronowej, Warszawa), Cież M. (Instytut Technologii Elektronowej, Warszawa), Grabiec P. (Instytut Technologii Elektronowej, Warszawa), Kozłowski Roman (ITME), Kulawik J. (Instytut Technologii Elektronowej, Warszawa), Panas A. (Instytut Technologii Elektronowej, Warszawa), Sarnecki Jerzy (ITME), Słysz W. (Instytut Technologii Elektronowej, Warszawa), Szmigiel D. (Instytut Technologii Elektronowej, Warszawa), Węgrzecka I. (Instytut Technologii Elektronowej, Warszawa), Wieluński M. (Institut fur Strahlenschutz, Helmholtz Zentrum Munchen, GmbH, Neuherberg, Niemcy), Witek K. (Instytut Technologii Elektronowej, Warszawa), Yakushev A. (GSI Helmholtzzentrum fur Schwerionenforschung, GmbH, Darmstadt, Niemcy), Zaborowski M. (Instytut Technologii Elektronowej, Warszawa)

Konstrukcja i właściwości opracowanych w ITE krzemowych detektorów naładowanych cząstek.
Proc of SPIE. Vol.8902, s.890212-1-11, il., bibliogr.

31.
Zhydachevskii Y. (Instytut Fizyki PAN, Warszawa; Politechnika Lwowska, Ukraina), Lipińska Ludwika (ITME), Baran Magdalena (ITME), Berkowski M. (Instytut Fizyki PAN, Warszawa), Suchocki A. (Instytut Fizyki PAN, Warszawa; Uniwersytet Kazimierza Wielkiego, Bydgoszcz), Reszka A. (Instytut Fizyki PAN, Warszawa)

Konwertory promieniowania słonecznego oparte o materiały tlenkowe domieszkowane Bi^{3+} oraz Yb^{3+} do zastosowań fotowoltaicznych.
Abstrakt. 1 s.

PhoBiA Annual Nanophotonics International Conference "PANIC", Wrocław, Poland, 2013.04.23-2013.04.25

32.
Sadecka Katarzyna (ITME), Gajc Marcin (ITME), Surma Barbara (ITME), Nyga P. (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Kłos Andrzej (ITME), Pawlak Dorota (ITME)

Demonstration of the plasmonic effect in metalodielectric eutectic material.
Abstract. s.101, bibliogr.

Graphene 2013, Bilbao, Hiszpania, 2013.04.23-2013.04.26

33.
Ciuk Tymoteusz (ITME) (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warszawa, Poland), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Institute of Optoelectronics, Military University of Technology,

Warszawa, Poland), Sobieski J. (Department of Physics, Warsaw University of Technology, Poland), Strupiński Włodzimierz (ITME)

The properties of mono-, double- and triplelayer CVD graphene transferred by electrochemical delamination.

Abstract. 1 s., bibliogr.

34.

Grodecki Kacper (ITME) (Faculty of Physics, University of Warsaw, Poland), Strupiński Włodzimierz (ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Poland), Stępniewski R. (Faculty of Physics, University of Warsaw, Poland), Baranowski Jacek (ITME) (Faculty of Physics, University of Warsaw, Poland)

Micro-Raman analysis of the influence of intercalation on the epitaxial graphene grown on 4H-SiC(0001) substrate.

Abstract. 1 s., bibliogr.

35.

Krajewska Aleksandra (ITME) (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Pasternak Iwona (ITME), Bartosewicz B. (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Jankiewicz B.J. (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Ciuk Tymoteusz (ITME) (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warszawa, Poland), Mierczyk Z. (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Strupiński Włodzimierz (ITME)

Modification of graphene properties with plasmonic nanostructures.

Abstract. 1 s., il., bibliogr.

36.

Pasternak Iwona (ITME), Grodecki Kacper (ITME) (Faculty of Physics, University of Warsaw, Poland), Piątkowska Anna (ITME), Caban Piotr (ITME), Strupiński Włodzimierz (ITME)

Comparison of CVD graphene grown on copper foil and PVD copper.

Abstract. 1 s., il., bibliogr.

Imaginenano 2013, Bilbao, Hiszpania, 2013.04.23-2013.04.26

37.

Jagiełło Joanna (ITME), Zdrojek M. (Faculty of Physics of Warsaw University of Technology, Poland), Aksienionek Magdalena (Faculty of Physics of Warsaw University of Technology, Poland), Judek J. (Faculty of Physics of Warsaw University of Technology, Poland), Librant Krzysztof (ITME), Koziński Rafał (ITME), Lipińska Ludwika (ITME)

Direct exfoliation of graphite in water solutions.

Abstract. 1 s. , il., bibliogr.

38.

Koziński Rafał (ITME), Dobrzański Lech (ITME), Librant Krzysztof (ITME), Sathish Natarajan (ITME), Kozłowski Andrzej (ITME), Wiliński Zbigniew (ITME), Góra Krzysztof (ITME), Lipińska Ludwika (ITME)

Preparation and characterization of reduced graphene oxide deposited on Si/SiO_2 wafer by rod coating technique.

39.
Teklińska Dominika (ITME) (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland), Grodecki Kacper (ITME) (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Strupiński Włodzimierz (ITME), Olszyna A. (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland)

The correlation between the growth temperature of graphene deposited on the 3C-SiC/Si template substrates and the quality of the obtained layers.
Abstract. 1 s., bibliogr.

9th International Conference on Composite Science and Technology - 2020-Scientific and Industrial Challenges, Sorrento, Italy, 2013.04.24-2013.04.26

40.
Jach Katarzyna (ITME), Pietrzak Katarzyna (ITME) (Institute of Fundamental Technological Research PAS, Warszawa, Poland), Strojny-Nędza Agata (ITME), Wajler Anna (ITME), Sidorowicz Agata (ITME) (Warsaw University of Technology, Faculty Materials Science, Warszawa, Poland), Brykała Urszula (ITME)

Fabrication of copper/alumina composites by using of fractional ceramic.
9th Int.Conf.Comp.ScTechnol.(edited by Michele Meo) s.615-622, il., bibliogr.

The European Conference on Lasers and Electro-Optics and the International Quantum Electronics Conference, Monachium, Niemcy, 2013.05.12-2013.05.17

41
Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Poland), Sobon G. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Poland), Sotor J. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Poland), Stępniewski Grzegorz (ITME), Pysz Dariusz (ITME), Martynkien T. (Institute of Physics, Wroclaw University of Technology, Poland), Klimczak Mariusz (ITME), Stępień Ryszard (ITME), Abramski K. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Poland)

Infrared supercontinuum generation in soft-glass photonic crystal fiber pumped with a femtosecond Er-doped fiber laser mode-locked by graphene saturable absorber.

13th Conference under auspices of E-MRS Composites and Ceramic Materials - Technology, Application and Testing, Białowieża, Poland, 2013.05.13-2013.05.15

42.
Brykała Urszula (ITME), Tomaszewski Henryk (ITME), Węglarz Helena (ITME), Sidorowicz Agata (ITME), Wajler Anna (ITME), Jach Katarzyna (ITME)

Preparation og gadolinium zirconate pyrochlore by solid state reaction using sintering under pressure.
Abstract. 1 s.

43.
Jach Katarzyna (ITME), Pietrzak Katarzyna (ITME), Sidorowicz Agata (ITME), Wajler Anna (ITME), Brykała Urszula (ITME)

Application of ceramic preform to the manufacturing of ceramic - metal composites.
Abstract. 1 s.

X Warszawskie Seminarium Doktorantów Chemików - ChemSession‘13, Warszawa, Polska, 2013.05.13-2013.05.17

44.

Krajewska Aleksandra (ITME) (Instytut Optoelektroniki, WAT, Warszawa), Pasternak Iwona (ITME), Bartosewicz B. (Instytut Optoelektroniki, WAT, Warszawa), Jankiewicz B.J. (Instytut Optoelektroniki, WAT, Warszawa), Ciuk Tymoteusz (ITME) (Instytut Mikroelektroniki i Optoelektroniki, Politechnika Warszawska), Strupiński Włodzimierz (ITME)

Modyfikacja grafenu za pomocą nanocząstek złota i srebra.

Abstrakt. 1 s., il., bibliogr.

45.

Michalska Monika (ITME), Hamankiewicz B. (Wydział Chemii, Uniwersytet Warszawski; Instytut Chemii Przemysłowej, Warszawa), Ziółkowska D. (Wydział Fizyki, Uniwersytet Warszawski), Krajewski M. (Wydział Chemii, Uniwersytet Warszawski), Lipińska Ludwika (ITME), Andrzejczuk M. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Czerwiński A. (Wydział Chemii, Uniwersytet Warszawski; Instytut Chemii Przemysłowej, Warszawa)

Modyfikacja powierzchni ziaren $LiMn_2O_4$ poprzez osadzanie tlenkowych powłok ceramicznych - synteza i badania.

Abstrakt. 1 s.

46.

Michalska Monika (ITME), Krajewski M. (Wydział Chemii, Uniwersytet Warszawski), Ziółkowska D. (Wydział Fizyki, Uniwersytet Warszawski), Hamankiewicz B. (Wydział Chemii, Uniwersytet Warszawski; Instytut Chemii Przemysłowej, Warszawa), Lipińska Ludwika (ITME), Andrzejczuk M. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Czerwiński A. (Wydział Chemii, Uniwersytet Warszawski; Instytut Chemii Przemysłowej, Warszawa)

Synteza nowego materiału anodowego o strukturze spinelu $Li_4Ti_5O_{12}$ do jonowych baterii litowych.

Abstrakt. 1 s.

MPNS COST Action Training School - MP1204 TERA-MIR Radiation: Materials, Generation, Detection and Applications, Cortona, Włochy, 2013.05.20-2013.05.24

47.

Siwicki Bartłomiej (ITME) (Faculty of Physics, University of Warsaw, Poland), Klimczak Mariusz (ITME), Pysz Dariusz (ITME), Martynkien T. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Stępień Ryszard (ITME), Skibiński P. (Department of Photochemistry and Spectroscopy, Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland), Radzewicz C. (Department of Photochemistry and Spectroscopy, Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Poland)

Supercontinuum generation in all solid photonic crystal fiber with all-normal dispersion.

15th European Workshop on Metalorganic Vapour Phase Epitaxy, Aachen, Germany, 2013.06.02-2013.06.05

48.

Dumiszewska Ewa (ITME), Knyps Piotr (ITME), Caban Piotr (ITME), Teklińska Dominika (ITME), Wesołowski Marek (ITME), Strupiński Włodzimierz (ITME)

P-type doping of AlGaAs for double junction solar cells.

Materiały konferencyjne. s.223, P-C-06

49.

Wesołowski Marek (ITME) (Epi-Lab sp.z o.o., Warszawa, Poland), Gaca Jarosław (ITME), Wójcik Marek (ITME), Dumiszewska Ewa (ITME) (Epi-Lab sp.z o.o., Warszawa, Poland), Caban Piotr (ITME) (Epi-Lab sp.z o.o., Warszawa, Poland), Strupiński Włodzimierz (ITME) (Epi-Lab sp.z o.o., Warszawa, Poland)

MOVPE-grown InGaAs/InAlAs QCL superlattices with incoherent periodicity of interfaces.

Materiały Konferencyjne. s.99, P-A-24

7th International Conference on the Fundamental Science of Graphene and Applications of Graphene-Based Devices, Chemnitz, Germany, 2013.06.02-2013.06.07

50.

Aksienionek Magdalena (ITME) (Faculty of Physics of Warsaw University of Technology, Poland), Jagiełło Joanna (ITME), Librant Krzysztof (ITME), Koziński Rafał (ITME), Wiliński Zbigniew (ITME), Pietrzak Katarzyna (ITME), Lipińska Ludwika (ITME)

Ceramic-rGO composite electrodes for rechargeable batteries.

Abstract. 1 s., il.

51.

Baranowski Jacek (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland), Strupiński Włodzimierz (ITME), Możdżonek Małgorzata (ITME), Grodecki Kacper (ITME) (Faculty of Physics, University of Warsaw, Warszawa, Poland), Osewski Paweł (ITME)

Observation of electron - phonon couplings in epitaxial graphene bilayer.

Abstract. s. MoP-19, il., bibliogr.

52.

Ciuk Tymoteusz (ITME) (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warszawa, Poland), Cakmakyapan S. (Department of Electrical and Electronics Engineering, Department of Physics, Nanotechnology Research Center, Blinket University, Ankara, Turkey), Pierini F. (Department of Electrical and Electronics Engineering, Department of Physics, Nanotechnology Research Center, Blinket University, Ankara, Turkey), Ozbay E. (Department of Electrical and Electronics Engineering, Department of Physics, Nanotechnology Research Center, Blinket University, Ankara, Turkey), Borysiewicz M. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME) (Institute of Optoelectronics, Military University of Technology, Warszawa, Poland), Grodecki Kacper (ITME) (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Strupiński Włodzimierz (ITME), Baranowski Jacek (ITME)

Graphene transport properties derived from test structures.

Abstract. 1 s., bibliogr.

53.
Grodecki Kacper (ITME) (Faculty of Physics, University of Warsaw, Poland), Strupiński Włodzimierz (ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Poland), Baranowski Jacek (ITME) (Faculty of Physics, University of Warsaw, Poland)

Micro-Raman stress analysis of epitaxial graphene grown on 4H-SiC(0001).
Abstract. 1 s., bibliogr.

54.
Jagiełło Joanna (ITME), Aksienionek Magdalena (ITME), Zdrojek M. (Faculty of Physics of Warsaw University of Technology, Poland), Koziński Rafał (ITME), Librant Krzysztof (ITME), Lipińska Ludwika (ITME)

Graphene/chitosan composite as an anode for lithium ion batteries.
Abstract. 1 s., bibliogr.

55.
Pasternak Iwona (ITME), Grodecki Kacper (ITME), Piątkowska Anna (ITME), Caban Piotr (ITME), Strupiński Włodzimierz (ITME)

Comparison of CVD graphene grown on copper foil and PVD copper.
Abstract. 1 s., il., bibliogr.

56.
Sobon G. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Poland), Sotor J. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Poland), Jagiełło Joanna (ITME), Koziński Rafał (ITME), Lipińska Ludwika (ITME), Zdrojek M. (Faculty of Physics, Warsaw University of Technology, Poland), Abramski K.M. (Laser & Fiber Electronics Group, Wroclaw University of Technology, Poland)

Graphene oxide and reduced graphene oxide as saturable absorbers for fiber lasers.
Abstract. 1 s., il., bibliogr.

The 19th International Conference on Solid State Ionics, Kyoto, Japan, 2013.06.02-2013.06.07

57.
Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Michalska Monika (ITME), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

The effect of electrode thickness on electrochemical performance of $LiMn_2O_4$ cathode synthesized by modified sol-gel method.
Abstrakt 1 s.

58.
Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Hamankiewicz M. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Michalska Monika (ITME), Ziółkowska D. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Korona K.P. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Kamińska M. (Faculty of Physics, University of Warsaw,

Warszawa, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

Influence of surface modification of $Li_4Ti_5O_{12}$ on chaging/discharging performance in lithium-ion battery.

Abstrakt. 1 s.

59.

Michalska Monika (ITME), Lipińska Ludwika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziólkowska D. (Faculty of Physics, University of Warsaw, Warszawa, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Korona K. (Faculty of Physics, University of Warsaw, Warszawa, Poland)

Improvement of the capacity retention of $LiMn_2O_4$ by ceramic coatings.

Abstrakt. 1 s.

VI Polish Conference on Nanotechnology, Szczecin, Polska, 2013.06.09-2013.06.12

60.

Michalska Monika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Andrzejczuk M. (Faculty of Materials Engineering, Warsaw University of Technology, Poland), Lipińska Ludwika (ITME), Diduszko Ryszard (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

Nanocrystalline $LiMn_2O_4$ powder obtained using modified sol-gel synthesis as a cathode material for Li-ion batteries.

Abstrakt. 1 s.

61.

Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Andrzejczuk M. (Faculty of Materials Research Institute, Warszawa, Poland), Diduszko Ryszard (ITME), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

Synthesis and studies of novel anode material for LIBs - $Li_4Ti_5O_{12}$ decorated by Ag nanoparticles.

Abstrakt. 1 s.

62.

Michalska Monika (ITME), Lipińska Ludwika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Andrzejczuk M. (Faculty of Materials Engineering, Warsaw University of Technology, Warszawa, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry

Research Institute, Warszawa, Poland)

The effect of ceramic coatings on electrochemical performance of $LiMn_2O_4$ nanopowder.

Abstrakt. 1 s.

XII Krajowa Konferencja Elektroniki, Darłówko Wschodnie, Polska, 2013.06.10-2013.06.13

63.

Caban Piotr (ITME), Strupiński Włodzimierz (ITME), Teklińska Dominika (ITME), Skibiński J. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Wejrzanowski T. (Wydział Inżynierii Materiałowej, Politechnika Warszawska)

Implementacja technologiczna symulacji numerycznych procesu MOVPE.

Abstrakt. 1 s.

64.

Podniesiński Dariusz (ITME), Librant Krzysztof (ITME), Kozłowska Anna (ITME), Nakielska Magdalena (ITME), Lipińska Ludwika (ITME)

Tlenek grafenu jako pasywny modulator dobroci w laserze na ceramice Nd:YAG.

65.

Sidorowicz Agata (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Węglarz Helena (ITME), Wajler Anna (ITME), Nakielska Magdalena (ITME), Tomaszewski Henryk (ITME), Olszyna A. (Wydział Inżynierii Materiałowej, Politechnika Warszawska)

Wytwarzanie i badanie właściwości optycznych przezroczystej ceramiki granatu itrowo-glinowego współdomieszkowanego tulem oraz holmem (Tm, Ho:YAG).

Abstrakt. 1 s.

66.

Skibiński J. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Wejrzanowski T. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Kurzydłowski K.J. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Caban Piotr (ITME), Strupiński Włodzimierz (ITME)

Modelowanie przepływu ciepła i masy w procesie MOVPE jako narzędzie projektowania technologii i wytwarzania nowoczesnych materiałów półprzewodnikowych do zastosowań w elektronice.

Abstrakt. 1 s.

67.

Teklińska Dominika (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Olszyna A. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Sidorowicz Agata (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Strupiński Włodzimierz (ITME)

Analiza struktury defektowej warstw GaN osadzanych na różnych podłożach SiC.

Abstrakt. 1 s.

68.

Teklińska Dominika (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Olszyna A. (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Caban Piotr (ITME), Strupiński Włodzimierz (ITME)

Wpływ temperatury wzrostu na chropowatość powierzchni GaN/SiC.
Abstrakt. 1 s.

3rd Nanomaterials and Nanotechnology Meeting, Ostrava, Czech Republic, 2013.06.17-2013.06.20

69.

Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland)

Structural and electrochemical studies on $Li_4Ti_5O_{12}$ spinel decorated by Ag nanoparticles.
Abstrakt. 1 s.

70.

Michalska Monika (ITME), Lipińska Ludwika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland)

Improvement of the capacity retention of $LiMn_2O_4$ by ceramic coatings.
Abstrakt. 1 s.

European Nuclear Science and Applications Research, Warszawa, Poland, 2013.06.17-2013.06.20

71.

Kordyasz A.J. (Heavy Ion Laboratory, Warsaw University, Poland), Le Neindre N. (LPC Caen, Ensicaen, Universite de Caen, CNRS/IN2P3, France), Barlini S. (LPC Caen, Ensicaen, Universite de Caen, CNRS/IN2P3, France), ...i inni, Sarnecki Jerzy (ITME), Lipiński Dariusz (ITME), Wodzińska Halina (ITME), Brzozowski Andrzej (ITME), Teodorczyk Marian (ITME), Gajewski Michał (ITME), Zagojski Andrzej (ITME), Krzyżak Konrad (ITME)

New technology of thin Si ion implanted epiaxial detectors.

Seminarium Naukowe Instytutu Inżynierii Odnawialnych Źródeł Energii, Kazimierz Dolny, Polska, 2013.06.21

72.

Jóźwik-Biała Iwona (ITME), Jagielski Jacek (ITME) (The Andrzej Sołtan Institute for Nuclear Studies, Świerk-Otwock, Poland), Thome L. (CSNSM, Univ.Paris-Sud, CNRS-IN2P3, Orsay, France), Arey B. (Environmental Molecular Sciences Laboratory,PNNL, Richland, USA), Kovarik L. (Environmental Molecular Sciences Laboratory,PNNL, Richland, USA), Sattonnay G. (Univ.Paris-Sud, LEMHE/ICMMO, Orsay, France), Debelle A. (CSNSM, Univ.Paris-Sud, CNRS-IN2P3, Orsay, France), Monnet I. (CIMAP-GANIL, CEA-CNRS-Univ. Caen, Grance)

Charakteryzacja defektów radiacyjnych w ceramikach tlenkowych stosowanych w przemyśle jądrowym.

21st International Conference on Ion Beam Analysis, Seattle, USA, 2013.06.22-2013.06.29

73.

Jagielski Jacek (ITME) (National Center for Nuclear Research, Otwock-Świerk, Poland), Gawlik Grzegorz (ITME), Jóźwik-Biała Iwona (ITME), Panczer G. (Institut Lumiere Matiere, Universite de Lyon, France), Moncoffre N. (Institute de Physique Nucleaire Lyon, France), Ratajczak R. (National Center for Nuclear Research, Otwock-Świerk, Poland), Świrkowicz Marek (ITME), Thome L. (Centre de Spectrometrie Nucleaire et de Spectrometrie de Masse, Universite Paris-Sud, Orsay Cedex)

Luminescence analysis of damage accumulation; case study of calcium molybdate.

74.

Turos Andrzej (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Jóźwik Przemysław (ITME), Nowicki L. (National Centre for Nuclear Research, Świerk-Otwock, Poland), Sathish Natarajan (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland)

Ion channeling study of defects in compound crystals using Monte Carlo simulations.

13th International Conference of the European Cearmic Society, Limoges, Francja, 2013.06.23-2013.06.27

75.

Boniecki Marek (ITME), Librant Zdzisław (ITME), Węglarz Helena (ITME), Perkowski K. (Institute of Ceramics and Building Materials ICiMB), Witoslawska I. (Institute of Ceramics and Building Materials ICiMB), Witek A. (Institute of Ceramics and Building Materials ICiMB)

Mechanical testing of transparent $MgAl_2O_4$ spinel at high temperatures.

Abstract. 1 s.

Jaszowiec 2013/42nd International School & Conference on the Physics of Semiconductors, Wisła, Poland, 2013.06.24-2013.06.27

76.

Avdonin A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Racka Katarzyna (ITME), Tymicki Emil (ITME), Grasza Krzysztof (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Jakieła Rafał (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Pisarek M. (Institute of Physical Chemistry PAS, Warszawa, Poland), Dobrowolski W. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland)

Structural and electrical properties of SiC grown by PVT method in the presence of the cerium vapor.

Abstract. MoP17, 1 s., bibliogr.

77.

Grodecki Kacper (ITME) (Faculty of Physics, University of Warsaw, Poland), Ciepielewski Paweł (ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Poland),

Stępniewski R. (Faculty of Physics, University of Warsaw, Poland), Strupiński Włodzimierz (ITME), Baranowski Jacek (ITME)

Early stage of graphene fotmation on 4H and H-SiC substrates.

Abstract. 1 s., il.

78.

Hruban Andrzej (ITME), Materna Andrzej (ITME), Strzelecka Stanisława (ITME), Piersa Mirosław (ITME), Jurkiewicz-Wegner Elżbieta (ITME), Wołoś A. (Faculty of Physics, University of Warsaw, Poland; Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Diduszko Ryszard (ITME), Romaniec Magdalena (ITME), Dalecki Wojciech (ITME), Orłowski Wacław (ITME), Jakieła R. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland)

Influence of Ca, Mn dopands on physical properties of Bi_2Se_3 topological insulators.

79.

Janicki L. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Rudziński Mariusz (ITME), Baranowski M (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Kudrawiec R. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Misiewicz J. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Kucharski R. (AMMONO Sp. z o.o., Warszawa, Poland), Doradziński R. (AMMONO p. z o o., Warszawa, Poland), Dwiliński R. (AMMONO sp.z o.o., Warszawa, Poland)

Optical studies of InGaN/GaN quantum wells grown at various temperatures by MOVPE on ammonothermal GaN substrates with different orientations.

Abstract. 1 s.

80.

Tymicki Emil (ITME), Racka Katarzyna (ITME), Grasza Krzysztof (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Skupiński P. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Latek M. (Institute of Electron Technology, Warszawa, Poland), Rzodkiewicz W. (Institute of Electron Technology, Warszawa, Poland), Teklińska Dominika (ITME) (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warszawa, Poland), Grodecki Kacper (ITME)

Growth of graphene on crystallization fronts of SiC crystals obtained by PTV method.

Abstract. ThP17, 1 s., bibliogr.

Microtechnology and Thermal Problems in Electronics, Łódź, Poland, 2013.06.25-2013.06.28

81.

Janczak D. (Wydział Mechatroniki, Politechnika Warszawska), Słoma M. (Wydział Mechatroniki, Politechnika Warszawska), Wróblewski G. (Wydział Mechatroniki, Politechnika Warszawska), Młożniak Anna (ITME), Jakubowska M. (Wydział Mechatroniki, Politechnika Warszawska)

Printed resistive pressure sensors containing graphene and carbon nanotubes.

Abstrakt. 1 s. il., bibliiogr.

82.
Kiełbasiński Konrad (ITME), Szałapak J. (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Jakubowska Małgorzata (ITME) (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Młożniak Anna (ITME), Zwierkowska Elżbieta (ITME)

Synergic effect of diversified surface areas of silver powders on improving properties of LTJT joints.

Abstract. s. 35-38, il., bibliogr.

83.
Kiełbasiński Konrad (ITME), Krzemiński J. (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Jakubowska Małgorzata (ITME) (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Młożniak Anna (ITME), Zwierkowska Elżbieta (ITME)

Quality improvement of aluminum busbar joints with the use of printable paste containing nano-size Ag particles.

Abstract. s.272-275, il., bibliogr.

84.
Kozłowska Anna (ITME), Teodorczyk Marian (ITME), Łapka P. (Warsaw University of Technology Institute of Heat Engineering, Warszawa, Poland), Seredyński M. (Warsaw University of Technology Institute of Heat Engineering, Warszawa, Poland), Dąbrowska Elżbieta (ITME), Podniesiński Dariusz (ITME), Maląg Andrzej (ITME)

Miniaturized micro-channel cooler for high power diode laser arrays.

Official Proceedings of MICROTHERM 2013, s.171-177, il., bibliogr

55 Konwersatorium Krystalograficzne, Wrocław, Polska, 2013.06.27-2013.06.28

85.
Diduszko Ryszard (ITME), Brykała Urszula (ITME)

Uporządkowanie dalekiego zasięgu w tlenkach cyrkonowo-gadolinowych.

Abstrakt. s.297 (B-90), il., bibliogr.

86.
Malinowska Agnieszka (ITME), Lefeld-Sosnowska M. (Instytut Fizyki Doświadczalnej UW, Warszawa), Wierzbicka Edyta (ITME), Pajączkowska Anna (ITME), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME)

Rengenowska topografia dyfrakcyjna wybranych materiałów tlenkowych.

Streszczenia Komunikatów. s.321-322, S-7

87.
Wierzbicka Edyta (ITME), Malinowska Agnieszka (ITME), Wierzchowski Wojciech (ITME), Wieteska K. (Institute of Atomic Energy POLATON, Otwock-Świerk, Poland), Lefeld-Sosnowska M. (Institute of Experimental Physics, University of Warsaw, Poland), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

Identyfikacja struktury defektowej niedomieszkowanych monokryształów molibdenianu wapnia ($CaMoO_4$) rentgenowskimi metodami dyfrakcyjnymi.

Streszczenia Komunikatów. s.157-158, A-91

88.
Wierzchowski Wojciech (ITME), Wieteska K. (Narodowe Centrum Badań Jądrowych, Otwock-Świerk), Malinowska Agnieszka (ITME), Wierzbicka Edyta (ITME), Lefeld-Sosnowska M. (Instytut Fizyki Doświadczalnej UW, Warszawa), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME), Pajączkowska Anna (ITME), Paulmann (HASYLAB at DESY, Hamburg, Germany)

Synchrotronowa topografia dyfrakcyjna w badaniach struktury defektowej monokryształów otrzymywanych metodą Czochralskiego.
Streszczenia Komunikatów. s.323-324, S-8

III Polska Konferencja Optyczna, Sandomierz, Polska, 2013.06.30-2013.07.04

89.
Soboń G. (Grupa Elektroniki Laserowej i Światłowodowej, Politechnika Wrocławska, Polska), Sotor J. (Grupa Elektroniki Laserowej i Światłowodowej, Politechnika Wrocławska, Polska), Krzempek K. (Grupa Elektroniki Laserowej i Światłowodowej, Politechnika Wrocławska, Polska), Pasternak Iwona (ITME), Krajewska Aleksandra (ITME), Strupiński Włodzimierz (ITME), Jagiełło Joanna (ITME), Koziński Rafał (ITME), Librant Krzysztof (ITME), Lipińska Ludwika (ITME), Abramski K.M. (Grupa Elektroniki Laserowej i Światłowodowej, Politechnika Wrocławska, Polska)

Ultra-szybkie lasery światłowodowe na bazie grafenu.
Abstrakt. 1 s., il.

90.
Wojnowski Dariusz (ITME), Kowalik Andrzej (ITME), Rojek Anna (ITME), Sypek M. (Wydział Fizyki Politechniki Warszawskiej)

Statyczny element dyfrakcyjny przekształcający wiązkę gaussowską w wiązkę o prostokatnym rozkładzie intensywności (rozkład typu flat-top).
Streszczenia PKO‘2013. s.90

7th International Conference on Materials for Advanced Technologies, Singapore, Singapore, 2013.06.30-2013.07.05

91.
Pawlak Dorota (ITME), Gajc Marcin (ITME), Sadecka Katarzyna (ITME), Osewski Paweł (ITME), Kłos Andrzej (ITME), Orliński Krzysztof (ITME), Stefański Andrzej (ITME), Surma Barbara (ITME)

Plasmonic materials and metamaterials by bottom-up approach - manufacturing and properties.
Abstract 1 s., bibliogr

92.
Sadecka Katarzyna (ITME), Pawlak Dorota (ITME)

Metallodielectric eutectic nanoparticle based composite material for plasmonics.
Abstract. 1 s., bibliogr.

META‘13, Sharjah, United Arab Emirates, 2013.06.30-2013.07.05

93.
Gajc Marcin (ITME), Sadecka Katarzyna (ITME), Kłos Andrzej (ITME), Surma Barbara

(ITME), Pawlak Dorota (ITME)

Nanoparticle direct doping: Novel method for manufacturing three-dimensional bulk plasmonic nanocomposites.
Abstract. s.35

94.
Pawlak Dorota (ITME), Osewski Paweł (ITME), Gajc Marcin (ITME), Sadecka Katarzyna (ITME), Kłos Andrzej (ITME), Orliński Krzysztof (ITME), Stefański Andrzej (ITME), Surma Barbara (ITME)

Advances in directional solidification based approach towards plasmonic materials and metamaterials.
Abstract. s.49

The 17th International Conference on Radiation Effects in Insulators, Helsinki, Finlandia, 2013.06.30-2013.07.06

95.
Jóźwik Przemysław (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Sathish Natarajan (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Nowicki L. (National Centre for Nuclear Research, Świerk-Otwock, Poland), Jagielski Jacek (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Turos Andrzej (ITME) (National Centre for Nuclear Research, Świerk-Otwock, Poland), Kovarik L. (Pacific Nirthwest National Laboratory, Richland, WA, USA), Arey B. (Pacific Nirthwest National Laboratory, Richland, WA, USA)

Monte Carlo simulations of backscattering process in dislocation-containing $SrTiO_3$ single crystal.
Abstract. 1 s. bibliogr.

Advanced Study Institute "Nanomaterials and Nanoarchitectures", Cork, Irlandia, 2013.06.30-2013.07.07

96.
Kasztelanic R. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kujawa Ireneusz (ITME), Stępień Ryszard (ITME), Cimek Jarosław (ITME), Haraśny Krzysztof (ITME), Klimczak Mariusz (ITME), Waddie A.J. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Scotland, UK), Taghizadeh M.R. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Scotland, UK), Buczyński Ryszard (ITME) (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Scotland, UK)

Characterization of microlenses made of tellurite and heavy metal oxide developed with hot embossing technology.
Abstract. 1 s. il., bibliogr.

97.
Buczyński Ryszard (ITME), Sobon G. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Poland), Sotor J. (Laser&Fiber Electronics Group, Wroclaw University of Technology, Poland), Stępniewski Grzegorz (ITME), Pysz Dariusz (ITME), Martynkien T. (Institute of Physics, Wroclaw University of Technology, Poland), Klimczak Mariusz (ITME), Stępień Ryszard (ITME), Abramski K. (Laser&Fiber Electronics Group, Wroclaw

University of Technology, Poland)

Infrared supercontinuum generation in soft-glass photonic crystal fiber pumped with a femtosecond Er-doped fiber laser mode-locked by graphene saturable absorber.

KMM-VIN Industrial Workshop, Madryt, Hiszpania, 2013.07.09-2013.07.11

98.

Chmielewski Marcin (ITME), Pietrzak Katarzyna (ITME)

Novel materials for high voltage power lines.

Abstract. 1 s., il.

VI Polish Conference on Nanotechnology, Szczecin, Polska, 2013.07.09-2013.07.12

99.

Hruban Andrzej (ITME), Materna Andrzej (ITME), Strzelecka Stanisława (ITME), Piersa Mirosław (ITME), Jurkiewicz-Wegner Elżbieta (ITME), Dalecki Wojciech (ITME), Orłowski Wacław (ITME), Romaniec Magdalena (ITME), Diduszko Ryszard (ITME)

Izolatory topologiczne - materiały dla przyszłości.

Abstrakt. 1 s., bibliogr.

Microscopy and Microanalysis 2013, Indianapolis, USA, 2013.08.04-2013.08.08

100.

Jóźwik-Biała Iwona (ITME), Jagielski Jacek (ITME) (National Centre for Nuclear Research, Otwock-Świerk, Poland), Gawlik Grzegorz (ITME), Jóźwik Przemysław (ITME) (National Centre for Nuclear Research, Otwock-Świerk, Poland), Ratajczak R. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Panczer G. (Institut Lumiere Matiere ILM, Universite de Lyon, Villeurbanne, France), Moncoffre N. (Institut de Physique Nucleaire de Lyon IPNL, Universite Lyon, Villeurbanne, France), Bererd N. (Institut de Physique Nucleaire de Lyon IPNL, Universite Lyon, Villeurbanne, France), Świrkowicz Marek (ITME)

Cathodoluminescence-based quantitative analysis of radiation damage in powellite single crystals.

15th International Summer School on Crystal Growth, Gdańsk, Poland, 2013.08.04-2013.08.10

101.

Skuta A. (University od Silesia, Institute of Physics, Katowice, Poland), Talik E. (University od Silesia, Institute of Physics, Katowice, Poland), Lipińska Ludwika (ITME), Michalska Monika (ITME)

Electronic structure of nanocrystals YF^3:RE.

Abstrakt. 1 s., il., bibliogr.

102.

Szysiak Agnieszka (ITME), Pajączkowska Anna (ITME)

Influence of annealing process on $SrLaAlO_4$:Mn nanocrystals obtained by sol-gel method.

Abstract. 1 s., bibliogr.

17th International Conference on Crystal Growth and Epitaxy, Warszawa, Poland, 2013.08.11-2013.08.1

103.

Bajor Andrzej (ITME), Chmielewski Marcin (ITME), Diduszko Ryszard (ITME), Kisielewski Jarosław (ITME), Łukasiewicz Tadeusz (ITME), Orliński Krzysztof (ITME), Szyrski Włodzimierz (ITME)

Czochralski growth and characterization of $MgAl_2O_4$ single crystals.

Abstrakt. 1 s. bibliogr.

104.

Kołodziejak Katarzyna (ITME), Barczuk P. (Centre of New Technologies, University of Warsaw, Poland), Alexander B. (University of Greenwich, School of Science, Central Avenue, Catham Maritime, Kent, UK), Pawlak Dorota (ITME)

Directionally solidified $MnTiO_3$-TiO_3 eutectic as a potential material for photoelctrochemistry.

105.

Królicka Aleksandra (ITME), Hruban Andrzej (ITME), Piersa Mirosław (ITME), Romaniec Magdalena (ITME)

Making attempts to obtain semiconductor compounds for applications in advanced thermoelectric generators and further investigating.

Abstrakt. 1 s., il.

106.

Racka Katarzyna (ITME), Tymicki Emil (ITME), Grasza Krzysztof (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Jakieła Rafał (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Pisarek M. (Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland), Surma Barbara (ITME), Avdonin A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Skupiński P. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Krupka J. (Warsaw University of Technology, Institute Of Microelectronics and Optoelectronics, Warszawa, Poland)

Growth of SiC by PVT method with different sources of the cerium impurity, CeO_2 or $CeSi_2$.

Abstract. s.376-377, bibliogr.

107.

Sadecka Katarzyna (ITME), Gajc Marcin (ITME), Kłos Andrzej (ITME), Surma Barbara (ITME), Pawlak Dorota (ITME)

Self-organized metallodielectric eutectic nanoparticle based composite material: manufacturing and properties.

Abstract. s.508, bibliog

108.

Sakowska Halina (ITME), Mazur Krystyna (ITME), Teklińska Dominika (ITME), Gała Maciej (ITME)

Improvement of the quality of polished SiC wafers using chemical oxidation and heat treatment.

Abstract. 2 s., bibliogr.

109.
Skuta A. (University od Silesia, Institute of Physics, Katowice, Poland), Talik E. (University od Silesia, Institute of Physics, Katowice, Poland), Lipińska Ludwika (ITME), Michalska Monika (ITME)

Electronic structure of nanocrystals YF_3:RE.
Abstrakt. 1 s., il., bibliogr.

110.
Skupiński P. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Grasza Krzysztof (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Łusakowska E. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Paszkowicz W. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Reszka A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Jakieła R. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Avdonin A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Tymicki Emil (ITME), Racka Katarzyna (ITME), Kowalski B.J. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Mycielski A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland)

The influence of growth atmosphere on the self-selection of the grains during ZnO crystal growth.
Abstract. s.378, bibliogr.

111.
Talik E. (Institute of Physics, University of Silesia, Katowice, Poland), Pajączkowska Anna (ITME), Guzik A. (Institute of Physics, University of Silesia, Katowice, Poland), Zajdel P. (Institute of Physics, University of Silesia, Katowice, Poland), Kusz J. (Institute of Physics, University of Silesia, Katowice, Poland), Kłos Andrzej (ITME), Szysiak Agnieszka (ITME)

Electronic structure and magnetic properties of nano and single crystals $SrLaAlO_4$:Mn.
Abstract. 1 s.

112.
Teklińska Dominika (ITME) (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland), Grodecki Kacper (ITME), Jóźwik-Biała Iwona (ITME), Caban Piotr (ITME), Olszyna A. (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland), Strupiński Włodzimierz (ITME)

The influence of pressure on growth of 3C-SiC heteroepitaxial layers on silicon substrates.
Abstract. 1 s.

113.
Tymicki Emil (ITME), Racka Katarzyna (ITME), Grasza Krzysztof (ITME) (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Skupiński P. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Wejrzanowski T. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warszawa, Poland), Dagiel J. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warszawa, Poland)

The influence of the PVT growth conditions on the SiC crystal shape.
Abstract. s.379, bibliogr

21th International Conference Ion Surface Interactions ISI 2013, Yaroslavl, Russia, 2013.08.22-2013.08.26

114.

Konarski P. (Tele and Radio Research Institute, Warszawa, Poland), Miśnik M. (Tele and Radio Research Institute, Warszawa, Poland; Gdański University of Technology, Gdańsk, Poland), Dobrzański Lech (ITME), Kozłowski Andrzej (ITME)

Annealed Ni/Ti/Si C structure analysed by SIMS and GDMS.

SPIE OPTICS+PHOTONICS, San Diego, USA, 2013.08.25-2013.08.29

115.

Pawlak Dorota (ITME), Gajc Marcin (ITME), Sadecka Katarzyna (ITME), Osewski Paweł (ITME), Stefański Andrzej (ITME), Turczyński Sebastian (ITME), Kłos Andrzej (ITME), Surma Barbara (ITME)

Plasmonic resonances, enhanced optical properties, and other optical phenomena in novel eutectic and nanoparticles-based composites.

International Conference on Nitride Semiconductors, Washington, USA, 2013.08.25-2013.08.30

116.

Kudrawiec R. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Gładysiewicz M. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Misiewicz J. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Rudziński Mariusz (ITME), Kucharski R. (AMMONO S.A., Warszawa, Poland), Strupiński Włodzimierz (ITME)

Optical properties of GaN/AlGaN quantum wells grown on c-, m-, a-, and (20.1)-plane GaN bulk substrates obtained by ammonothermal method.

Abstract. 1 s., bibliogr.

Nanotechnology and Nanomaterials (NANO-2013), Bukovel, Ukraina, 2013.08.25-2013.09.01

117.

Michalska Monika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Lipińska Ludwika (ITME), Czerwiński A. (aculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland)

Surface modification on $LiMn_2O_4$ grains using ceramic coatings.

Abstrakt. 1 s.

118.

Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute,

Warszawa, Poland), Korona K. (Industrial Chemistry Research Institute, Warszawa, Poland)

Synthesis and studies of novel $Li_4Ti_5O_{12}$/Ag anode material to lithium-ion battery.
Abstrakt. 1 s.

119.

Szysiak Agnieszka (ITME), Pajączkowska Anna (ITME), Zhydachevskii Y. (Lviv Polytechnic National University, Ukraine; Institute of Physics, Polish Academy of Sciences, Warszawa, Poland), Suchocki A. (Institute of Physics, Polish Academy of Sciences, Warszawa, Poland; Institute of Physics, University of Bydgoszcz, Poland)

Sol-gel synthesis and luminescent properties of Mn doped $SrLaAlO_4$ nanopowders.
Abstract. 1 s., bibliogr.

Konwersatorium Spektrometrii Atomowej, Ustroń, Polska, 2013.09.02-2013.09.04

120.

Zalewska Izabela (ITME), Karaś Agata (ITME), Harasimowicz-Siemko Joanna (ITME), Sokołowska Wanda (ITME)

Zastosowanie metod spektroskopowych (FAAS i ICP-OES) w technologii wytwarzania $LiMn_2O_4$:La^{3+}, Ce^{3+}.

European Congress and Exhibition on Advanced Materials and Processes, Sevilla, Hiszpania, 2013.09.08-2013.09.13

121.

Michalski J. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warszawa, Poland), Jakubiak S. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warszawa, Poland), Tomaszewska J. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warszawa, Poland), Kalbarczyk Joanna (ITME), Teodorczyk Marian (ITME), Kurzydłowski K.J. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warszawa, Poland)

The influence of plasma treatment on PP fabrics modification by ZnO nanorods.
Abstract. 1 s., il.

10th National Meeting of Synchrotron Radiation Users, Stalowa Wola, Poland, 2013.09.09-2013.09.11

122.

Mazur Krystyna (ITME), Wieteska K. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Wierzchowski Wojciech (ITME), Sarnecki Jerzy (ITME), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

X-ray diffraction and topographic studies of silicon epitaxial layers grown on the substrate with introduced porous silicon layer.
Synchrotron Radiation in Natural Science. 2013, vol.12 nr 1-2, L-16 s.36, bibliogr.

123.

Wierzbicka Edyta (ITME), Malinowska Agnieszka (ITME), Wieteska K. (Institute of Atomic Energy POLATOM, Świerk-Otwock, Poland), Wierzchowski Wojciech (ITME), Lefeld-Sosnowska M. (Institute of Experimantal Physics, University of Warsaw, Poland), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME), Mazur Krystyna (ITME), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

Investigation of defect structure in undoped calcium molybdate single crystals

($CaMoO_4$) by means of X-ray diffraction methods.
Synchrotron Radiation in Natural Science. 2013, vol.12 nr 1-2, P-33 s.53

124.
Wierzchowski Wojciech (ITME), Wieteska K. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Malinowska Agnieszka (ITME), Wierzbicka Edyta (ITME), Romaniec Magdalena (ITME), Lefeld-Sosnowska M. (Institute of Experimental Physics University of Warsaw, Poland), Świrkowicz Marek (ITME), Łukasiewicz Tadeusz (ITME), Paulmann C. (HASYLAB at DESY, Hamburg, Germany)

Ghost segregation pattern and other defects in mixed strontium-calcium-barium niobates.
Synchrotron Radiation in Natural Science. 2013, vol.12 nr 1-2, P-34 s.54

IMAPS-Europe European Microelectronics and Packaging Conference EMPC, Grenoble, France, 2013.09.09-2013.09.12

125.
Słoma Marcin (ITME) (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Janczak D. (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Wróblewski G. (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland), Młożniak Anna (ITME), Jakubowska Małgorzata (ITME) (Warsaw University of Technology, Faculty of Mechatronics, Warszawa, Poland)

Graphene applications with printed electronics technology.
Abstract. 3 s. il., bibliogr.

V Kongres Polskiego Towarzystwa Próżniowego, Kraków, Polska, 2013.09.12-2013.09.15

126.
Tymicki Emil (ITME)

Wzrost politypu 4H na podłożu o strukturze 6H w procesie monokrystalizacji SiC metodą transportu fizycznego z fazy gazowej.

22nd International Workshop on Vertex Detectors, Lake Stranberg, Germany, 2013.09.15-2013.09.20

127.
Affolder A. (Department of Physics, University of Liverpool, UK), Aleev A. (State Scientific Center of Russian Federation, Institute for Theoretical and Experimantal Physics, Moscow, Russia), Allport P.P. (Semiconductor Laboratory of the Max-Planck-Socirty, Munich, Germany), i inni, Kamiński Paweł (ITME), Kozłowski Roman (ITME), Kozubal Michał (ITME), Łuczyński Zygmunt (ITME), Pawłowski Mariusz (ITME), Surma Barbara (ITME), Żelazko Jarosław (ITME), i inni

Recent progress of the RD50 collaboration - development of radiation tolerant tracking detectors.
Proceedings of Science. 10 s., il., bibliogr.

56 Zjazd Naukowy Polskiego Towarzystwa Chemicznego i Stowarzyszenia Inżynierów i Techników Przemysłu Chemicznego, Siedlce, Polska, 2013.09.16-2013.09.19

128.

Krajewski M. (Uniwersytet Warszawski, Wydział Chemii, Warszawa), Michalska Monika (ITME), Hamankiewicz B. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytut Chemii Przemysłowej, Warszawa), Ziółkowska D. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Andrzejczuk M. (Politechnika Warszawska, Wydział Inżynierii Materiałowej, Warszawa), Korona K.P. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Kamińska M. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Lipińska Ludwika (ITME), Czerwiński A. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytut Chemii Przemysłowej, Warszawa)

Metaliczne kompozyty tlenku litowo-tytanowego jako materiały anodowe w ogniwie litowo-jonowym.

Abstrakt. 1 s., bibliogr.

129.

Hamankiewicz B. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytut Chemii Przemysłowej, Warszawa), Krajewski M. (Uniwersytet Warszawski, Wydział Chemii, Warszawa), Michalska Monika (ITME), Ziółkowska D. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Korona K. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Kamińska M. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Lipińska Ludwika (ITME), Czerwiński A. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytut Chemii Przemysłowej, Warszawa)

Tlenek litowo-manganowy o strukturze spinelu jako elektroda dodatnia w ogniwie litowo-jonowym.

Abstrakt. 1 s., bibliogr.

Information Photonics 2013 Conference, Warszawa, Poland, 2013.09.16-2013.09.19

130.

Cimek Jarosław (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Stępień Ryszard (ITME), Klimczak Mariusz (ITME), Kujawa Ireneusz (ITME), Pysz Dariusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Modification of borosilicate glass composition for joint thermal processing with lead oxide glasses for development of photonic crystal fibers.

Abstract. 1 s.

131.

Karpisz Tomasz (ITME) (Warsaw University of Technology, Faculty of Electronics and Information Technology, Warszawa, Poland), Salski B. (Warsaw University of Technology, Faculty of Electronics and Information Technology, Warszawa, Poland), Szumska Anna (ITME), Klimczak M. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

FDTD analysis of modal and dispersion properties in nonlinear photonic crystal fibers.

Abstract. 1 s.

132.

Siwicki Bartłomiej (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Soboń G. (Wroclaw University of Technology, Laser & Fiber

Electronics Group, Wrocław, Poland), Sotor J. (Wroclaw University of Technology, Laser & Fiber Electronics Group, Wrocław, Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Abramski K. (Wroclaw University of Technology, Laser & Fiber Electronics Group, Wrocław, Poland), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Influence of pump fiber laser conditions at 1550 nm on broadband infrared supercontinuum generation in all-solid all-normal dispersion photonic crystal fibers.
Abstract. 1 s.

133.
Stępniewski Grzegorz (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Pniewski J. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Martnkien T. (Wroclaw University of Technology, Instytute of Physics, Wrocław, Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Kujawa Ireneusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Broadband dispersion measurement of photonic crystal fibers with nanostructured core.
Abstract. 1 s.

134.
Swat Michał (ITME) (Warsaw University of Technology, Faculty of Electronics and Information Technology, Warszawa, Poland), Salski B. (Warsaw University of Technology, Faculty of Electronics and Information Technology, Warszawa, Poland), Karpisz T. (Warsaw University of Technology, Faculty of Electronics and Information Technology, Warszawa, Poland), Stępniewski Grzegorz (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kujawa Ireneusz (ITME), Klimczak Mariusz (ITME)

Numerical analysis of highly birefringent microstructured fiber with anisotropic core.
Abstract. 1 s.

135.
Szołno Agnieszka (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Influence of dispersion characteristics on supercontinuum bandwidth in soft glass PCFs pumped at 1550 nm.
Abstract. 1 s.

Nano and Advanced Materials Workshop and Fair, Warszawa, Poland, 2013.09.16-2013.09.19

136.
Lipińska Ludwika (ITME), Michalska Monika (ITME), Diduszko Ryszard (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Warsaw University, Institute of Experimental Physics, Warszawa, Poland), Korona K.P. (Warsaw University, Institute of Experimental Physics, Warszawa, Poland)

Safe nanomaterials of spinel structure for lithium-ion secondary batteries.
Abstrakt. 1 s., bibliogr.

137.
Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Warsaw University, Institute of Experimental Physics, Warszawa, Poland), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland), Jasiński J. (Conn Center for Renewable Energy Research, University of Louisville, KY, USA), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland)

Synthesis of nano-$Li_4Ti_5O_{12}$ decorated by silver nanoparticles as an anode material for lithium ion batteries.

Abstrakt. 1 s., bibliogr.

138.
Michalska Monika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Warsaw University, Institute of Experimental Physics, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Andrzejczuk M. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warszawa, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland)

Structural and electrochemical studies on $LiMn_2O_4$ cathode material for LIBs coated with ceramic oxides.

Abstrakt. 1 s.

139.
Sadecka Katarzyna (ITME), Gajc Marcin (ITME), Kłos Andrzej (ITME), Orliński Krzysztof (ITME), Osewski Paweł (ITME), Pawlak Dorota (ITME)

Plasmonic materials and metamaterials by bottom-up approach - manufacturing and properties.

Abstract. s.63-65, il.

V Ogólnopolska Konferencja Naukowa "Nowoczesne Technologie w Inżynierii Powierzchni", Łódź -Spała, Polska, 2013.09.18-2013.09.21

140.
Piątkowska Anna (ITME), Dudek M. (Instytut Inżynierii Materiałowej, Politechnika Łódzka), Cłapa M. (Instytut Inżynierii Materiałowej, Politechnika Łódzka)

Porównanie właściwości tribologicznych warstw węglowych nanoszonych przy użyciu różnych technologii plazmowych.

XII International Workshop Nolinear Optics Application, Gdańsk, Poland, 2013.09.18-2013.09.21

141.
Cimek Jarosław (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Stępień Ryszard (ITME), Klimczak Mariusz (ITME), Kujawa Ireneusz (ITME), Pysz Dariusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Modification of borosilicate glass composition for joint thermal processing with lead oxide glasses for development of photonic crystal fibers.

Abstract. 1 s.

142.
Klimczak Mariusz (ITME), Stępniewski Grzegorz (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Bookey H. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Pysz Dariusz (ITME), Waddie A. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Stępień Ryszard (ITME), Kar A. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Taghizadeh M.R. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Supercontinuum generation in regular-lattice telluride photonic crystal fiber with ZDW shifed for pumping over 1500 nm.
Abstract. 1 s.

143.
Stępniewski Grzegorz (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Pniewski J. (Wroclaw University of Technology, Institute of Physics, Wrocław, Poland), Klimczak Mariusz (ITME), Martynkien T. (Wroclaw University of Technology, Institute of Physics, Wrocław, Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Kujawa Ireneusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Dispersion characteristics of nonlinear photonic crystal fibers with nanostructured core.
Abstract. 1 s., il.

144.
Szołno Agnieszka (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Influence of dispersion characteristics on supercontinuum bandwidth and flatness under pumping in the anomalous regime.
Abstract. 1 s.

145.
Siwicki Bartłomiej (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Soboń G. (Wroclaw University of Technology, Laser & Fiber Electronics Group, Wrocław Poland), Sotor J. (Wroclaw University of Technology, Laser & Fiber Electronics Group, Wrocław Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Abramski K. (Wroclaw University of Technology, Laser & Fiber Electronics Group, Wrocław Poland), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)

Influence of pump fiber laser conditions at 1550 nm on broadband infrared supercontinuum generation in all-solid all-normal dispersion photonic crystal fiber.
Abstract. 1 s. il.

IX Konferencja i Zjazd Polskiego Towarzystwa Ceramicznego, Zakopane, Polska, 2013.09.19-2013.09.22

146.

Brykała Urszula (ITME), Tomaszewski Henryk (ITME), Węglarz Helena (ITME), Sidorowicz Agata (ITME) (Wydział Inżynierii Materiałowej, Politechnika Warszawska), Wajler Anna (ITME), Jach Katarzyna (ITME)

Badanie nad zastosowaniem mikro- i nanoproszków w preparatyce pirochloru $Gd_2Zr_2O_7$.

Abstrakt. s.19

147.

Jach Katarzyna (ITME), Pietrzak Katarzyna (ITME), Wajler Anna (ITME), Sidorowicz Agata (ITME), Brykała Urszula (ITME)

Kompozyty Cu-Al_2O_3 z rozproszoną fazą ceramiczną.

Abstrakt. s. 34

148.

Nakielska Magdalena (ITME), Podniesiński Dariusz (ITME), Kozłowska Anna (ITME), Sidorowicz Agata (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej), Węglarz Helena (ITME), Wajler Anna (ITME)

Badania właściwości spektroskopowych i generacyjnych polikryształów Nd:YAG.

Abstrakt. s. 49

149.

Sidorowicz Agata (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej), Wajler Anna (ITME), Węglarz Helena (ITME), Nakielska Magdalena (ITME), Tomaszewski Henryk (ITME), Olszyna A. (Politechnika Warszawska, Wydział Inżynierii Materiałowej)

Otrzymywanie metodą reakcyjnego spiekania przezroczystej ceramiki granatu itrowo-glinowego współdomieszkowanego tulem i holmem (Tm,Ho:YAG).

Abstrakt. s.71

150.

Sidorowicz Agata (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej), Wajler Anna (ITME), Węglarz Helena (ITME), Tomaszewski Henryk (ITME), Olszyna A. (Politechnika Warszawska, Wydział Inżynierii Materiałowej)

Wpływ warunków strącania na właściwości oraz morfologię nanoproszku tlenku tulu (Tm_2O_3).

Abstrakt. s.72

151.

Tomaszewski Henryk (ITME), Węglarz Helena (ITME), Sidorowicz Agata (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej), Wajler Anna (ITME), Jach Katarzyna (ITME), Brykała Urszula (ITME)

Wpływ składu wodnych zawiesin proszków i granulowania przez wymrażanie na właściwości optyczne ceramiki YAG.

Abstrakt. s. 84

152.

Wajler Anna (ITME), Węglarz Helena (ITME), Sidorowicz Agata (ITME) (Politechnika Warszawska, Wydział Inżynierii Materiałowej), Nakielska Magdalena (ITME), Kozłowska

Anna (ITME), Putyra P. (Instytut Zaawansowanych Technologii Wytwarzania, Kraków, Poland), Leśniewska-Matys K., Tomaszewski Henryk (ITME)

Przezroczysty, polikrystaliczny spinel glinowo-magnezowy domieszkowany kobaltem (Co:$MgAl_2O_4$) - wpływ technologii wytwarzania na własności optyczne.
Abstrakt. s. 83

37 International Microelectronics and Packaging Conference, Kraków, Poland, 2013.09.22-2013.09.25

153.
Słoma Marcin (ITME) (Faculty of Mechatronics, Warsaw University of Technology, Warszawa, Poland), Janczak D. (Faculty of Mechatronics, Warsaw University of Technology, Warszawa, Poland), Wróblewski G. (Faculty of Mechatronics, Warsaw University of Technology, Warszawa, Poland), Młożniak Anna (ITME), Jakubowska Małgorzata (ITME) (Faculty of Mechatronics, Warsaw University of Technology, Warszawa, Poland)

Electroluminescent structures printed on paper and textile elastic substrates.
Abstract. 4 s. il., bibliogr.

59th IEEE Holm Conference on Electrical Contacts, Newport, USA, 2013.09.22-2013.09.25

154.
Borkowski P. (Department of Electrical Apparatus, Lodz University of technology, Łódź, Poland), Walczuk E. (Department of Electrical Apparatus, Lodz University of technology, Łódź, Poland), Frydman Krystyna (ITME), Wójcik-Grzybek Danuta (ITME)

Switching properties of contacts made of silver-tungsten and silver-tungsten-rhenium composite materials.
Final Program IEEE Holm Conference. s.197-206, il., bibliogr.

From MPD to KNOW, 1st Scientific Conference of PhDStudents, Rawa Mazowiecka, Poland, 2013.09.27-2013.09.29

155.
Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Michalska Monika (ITME), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

The effect of electrode thickness on electrochemical performance of $LiMn_2O_4$ cathode synthesized by modified sol-gel method.
Abstrakt. 1 s.

156.
Krajewski M. (Uniwersytet Warszawski, Wydział Chemii, Warszawa), Michalska Monika (ITME), Hamankiewicz B. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytu Chemii Przemysłowej, Warszawa), Ziółkowska D. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Korona K.P. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Jasiński J.B. (Conn Center for Renewable Energy Research, University of Louisville, KY,

USA), Kamińska M. (Uniwersytet Warszawski, Wydział Fizyki, Warszawa), Lipińska Ludwika (ITME), Czerwiński A. (Uniwersytet Warszawski, Wydział Chemii, Warszawa; Instytu Chemii Przemysłowej, Warszawa)

Tlenek litowo-tytanowy modyfikowany nanocząstkami srebra jako materiał anodowy w ogniwie litowo-jonowym.
Abstrakt. 1 s., bibliogr.

SMART ENERGY conversion and storage, IV Polish Forum, Krynica, Poland, 2013.10.01-2013.10.04

157.
Hamankiewicz B (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Michalska Monika (ITME), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Korona K. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

Electrochemical properties of $LiMn_2O_4$ cathodes with various electrode loadings.

158.
Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Michalska Monika (ITME), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Andrzejczuk M. (Faculty of Materials Engineering, Warsaw University of Technology, Poland), Korona K.P. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland), Lipińska Ludwika (ITME), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland)

$Li_4Ti_5O_{12}$/metal composites as an anode materials in lithium-ion batteries.
Abstrakt. 1 s.

159.
Michalska Monika (ITME), Krajewski M. (Faculty of Chemistry, University of Warsaw, Poland), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Hamankiewicz B. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Lipińska Ludwika (ITME), Korona K. (Faculty of Physics, University of Warsaw, Poland), Andrzejczuk M. (Faculty of Materials Engineering, Warsaw University of Technology, Poland), Czerwiński A. (Faculty of Chemistry, University of Warsaw, Poland; Industrial Chemistry Research Institute, Warszawa, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland)

Synthesis, structure and electrochemical studies on novel $Li_4Ti_5O_{12}$ anode material for LIBs.
Abstrakt. 1 s.

18th Microoptics Conference, Tokio, Japan, 2013.10.27-2013.10.30

160.
Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kasztelanic R. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kujawa

Ireneusz (ITME), Waddie A.J. (Institute of Photonic and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scoltland, UK), Taghizadeh M.R. (Institute of Photonic and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scoltland, UK), Stępień Ryszard (ITME)

Hot embossing technology for development of glass microoptics with broadband transmission in visible and MID infrared ranges.
Abstract. 2 s., il., bibliogr.

161.
Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Siwicki Bartłomiej (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Klimczak Mariusz (ITME), Pysz Dariusz (ITME), Martynkien T. (Institute of Physics, Wroclaw University of Technology, Wrocław, Poland), Skibiński P. (Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland), Radzewicz C. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Stępień Ryszard (ITME)

Supercontinuum generation in all solid photonic crystal fiber flat all-normal dispersion.
Abstract. 2 s. il., bibliogr.

162.
Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland), Waddie A.J. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences Heriot-Watt University, Edinburg, Scotland, UK), Nowosielski J. (University of Warsaw, Faculty of Physics, Warszawa, Poland; Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences Heriot-Watt University, Edinburg, Scotland, UK), Filipkowski Adam (ITME) (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences Heriot-Watt University, Edinburg, Scotland, UK), Kujawa Ireneusz (ITME), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Taghizadeh M.R. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences Heriot-Watt University, Edinburg, Scotland, UK)

Beam propagation in all-glass nanostructured gradient index microlenses.
Abstract. 2 s. il., bibliogr.

Conference for Young Scientists in Ceramics/10th Students‘ Meeting and 3rd ESR COST MP0904 Workshop, Novi Sad, Serbia, 2013.11.06-2013.11.09

163.
Wajler Anna (ITME), Węglarz Anna (ITME), Sidorowicz Agata (ITME) (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland), Jach Katarzyna (ITME), Brykała Urszula (ITME), Tomaszewski Henryk (ITME)

Freeze granulation for fabrication of transparent yttrium aluminate ceramics.
Book of Abstracts. s.48, A30

164.
Sidorowicz Agata (ITME) (Warsaw University of Technology, Warszawa, Poland), Wajler Anna (ITME), Węglarz Helena (ITME), Nakielska Magdalena (ITME), Orliński Krzysztof (ITME), Olszyna A. (Warsaw University of Technology, Warszawa, Poland)

Influence of thulium oxide powder morphology on properties of transparent Tm:YAG ceramics.
Book of Abstracts. s.42, A24

165.
Jach Katarzyna (ITME), Pietrzak Katarzyna (ITME) (Institute of Fundamental Technological Research, Polish Academy of Science, Warszawa, Poland), Sidorowicz Agata (ITME) (Warsaw University of Technology, Faculty of Materials Science, Warszawa, Poland), Wajler Anna (ITME), Brykała Urszula (ITME)

New application of ceramic foams for composites preparation.
Book of Abstracts. s.75, C2

V Workshop on Physics and Technology of Semiconductor Laser, Kraków, Poland, 2013.11.17-2013.11.20

166.
Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Lipińska Ludwika (ITME), Maląg Andrzej (ITME)

Improved upper heat stream removal in high-power laser diodes using graphene oxide layers.
Materiały Konferencyjne. s.60, bibliogr.

167.
Sobczak Grzegorz (ITME), Dąbrowska Elżbieta (ITME), Teodorczyk Marian (ITME), Kalbarczyk Joanna (ITME), Maląg Andrzej (ITME)

High-power laser diodes with multi-stripe-gain distribution.
Materiały Konferencyjne. s.62, bibliogr.

XI Konferencja DLA MIASTA I ŚRODOWISKA - Problemy Unieszkodliwiania Odpadów, Warszawa, Polska, 2013.11.25

168.
Świątkowski A. (Instytut Chemii, Wojskowa Akademia Techniczna, Warszawa), Lipińska Ludwika (ITME), Jagiełło Joanna (ITME), Sankowska M. (Instytut Chemii, Wojskowa Akademia Techniczna, Warszawa), Kuśmierek K. (Instytut Chemii, Wojskowa Akademia Techniczna, Warszawa)

Zastosowanie włókien SPME pokrytych zredukowanym tlenkiem grafenu/nanodrukami węglowymi w analizie GC zanieczyszczeń chloroorganicznych.

1VI Ogólnopolska Konferencja Naukowa "Jakość w chemii analitycznej", Mory k/Warszawy, Polska, 2013.11.27-2013.11.29

169.
Zalewska Izabela (ITME), Karaś Agata (ITME), Sokołowska Wanda (ITME)

Zastosowanie techniki FAAS i ICP-OES w badaniach składu chemicznego monokryształów CaMoO4:RE.
Abstrakt. 1 s.

2013 MRS Fall Meeting & Exhibit, Boston, USA, 2013.12.01-2013.12.06

170.

Jasiński J.B. (Conn Center for Renewable Energy Research, University of Louisville, KY, USA), Ziółkowska D. (Faculty of Physics, University of Warsaw, Poland), Michalska Monika (ITME), Lipińska Ludwika (ITME), Korona K.P. (Faculty of Physics, University of Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Poland)

Novel graphene oxide/manganese oxide nanocomposites and their potential for lithium ion batteries.

Abstrakt. 1 s.

Krajowe Sympozjum Przewodniki Szybkich Jonów XIII, Zakopane, Polska, 2013.12.04-2013.12.12

171.

Aksienionek Magdalena (ITME) (Faculty of Physics Warsaw University of Technology, Poland), Wasiucionek M. (Faculty of Physics Warsaw University of Technology, Poland), Gierlotka S. (Institute of High Pressure of the Physics Polish Academy of Sciences, Warszawa, Poland), Lipińska Ludwika (ITME)

A study on advantages of a high-pressure stage in the synthesis of $LiFePO_4$ cathode materials.

Abstract. s.1, il., bibliogr.

VI Krajowa Konferencja Radiochemii i Chemii Jądrowej, Kraków, Polska, 21.04.2013-24.04.2013

172.

Brykała Urszula (ITME), Tomaszewski Henryk (ITME), Diduszko Ryszard (ITME), Węglarz Helena (ITME), Sidorowicz Agata (ITME) (Politechnika Warszawska), Wajler Anna (ITME), Jach Katarzyna (ITME), Jagielski Jacek (ITME) (Narodowe Centrum Badań Jądrowych, Otwock-Świerk, Polska)

Nowy materiał w technologiach jądrowych - pirochlor gadolinowo-cyrkonowy otrzymywany metodą reakcji w fazie stałej.

1st Annual Conference of COST Action MP1204/SMMO2013, Warszawa, Poland, 27.02.2013-02.03.2013

173.

Kasztelanic R. (University of Warsaw, Faculty of Physics, Warszawa, Poland), Kujawa Ireneusz (ITME), Stępień Ryszard (ITME), Cimek Jarosław (ITME), Haraśny Krzysztof (ITME), Klimczak Mariusz (ITME), Waddie A.J. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Taghizadeh M.R. (Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK), Buczyński R. (University of Warsaw, Faculty of Physics, Warszawa, Poland; Institute of Photonics and Quantum Sciences, School of Engineering and Physical Sciences, Heriot-Watt University, Edinburg, Scotland, UK)

Characterization of microlenses made of tellurite and heavy metal oxide glass developed with hot embossing technology.

Abstract. 1 s. il., bibliogr.

174.
Klimczak Mariusz (ITME), Siwicki Bartłomiej (ITME) (Faculty of Physics, University of Warsaw, Poland), Skibiński P. (Institute of Physical Chemistry, PAS, Warszawa, Poland), Pysz Dariusz (ITME), Stępień Ryszard (ITME), Szołno Agnieszka (ITME), Pniewski Jacek (ITME), Radzewicz Czesław (ITME), Buczyński Ryszard (ITME) (Faculty of Physics, University of Warsaw, Poland)
Mid-infrared supercontinuum generation in soft-glass suspended core photonic crystal fiber.
Abstract. 1 s., il., bibliogr.

175.
Stępień Ryszard (ITME), Siwicki Bartłomiej (ITME), Pysz Dariusz (ITME), Stępniewski Grzegorz (ITME), Kujawa Ireneusz (ITME), Klimczak Mariusz (ITME), Buczyński Ryszard (ITME) (University of Warsaw, Faculty of Physics, Warszawa, Poland)
Characterization of large core photonic crystal fiber made of lead-bismuth-galate oxide glass for broadband infrared transmission.
Abstract. 1 s. il., bibliogr.