SIEĆ BADAWCZA ŁUKASIEWICZ –
INSTYTUT TECHNOLOGII MATERIAŁÓW ELEKTRONICZNYCH

SI
Dział Informacji Naukowej i Technicznej
ul. Wólczyńska 133, 01-919 Warszawa
Tel. 22 639 55 08, 22 639 55 29, 22 639 57 66
lub w. 108, 129, 366
e-mail: ointe@itme.edu.pl
Joanna.Suska@itme.edu.pl
Anna.Waga@itme.edu.pl

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SPIS TREŚCI

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I. MONOGRAFIE

Sar Jarosław (ŁUKASIEWICZ - ITME), Kołodziejak Katarzyna (ŁUKASIEWICZ - ITME), Wysmułek Konrad (ŁUKASIEWICZ - ITME), Orliński Krzysztof (ŁUKASIEWICZ - ITME), Kusior A. (AGH University of Science and Technology, Cracow, Poland), Radecka M. (AGH University of Science and Technology, Cracow, Poland), Trenczek-Zając A. (AGH University of Science and Technology, Cracow, Poland), Zakrzewska K. (AGH University of Science and Technology, Cracow, Poland), Pawlak Dorota (ŁUKASIEWICZ - ITME) (Chemistry Department, University of Warsaw, Warsaw, Poland)

Eutectic composites for photoelectrochemical solar cells (PSCs) in: Photoelectrochemical Solar Cells. Editors: Nurdan Demirci Sankir, Mehmet Sankir. Nazwa serii: Advances in Solar Cell Materials and Storage; Scrivener Publishing LLC (Wiley), New York, 2019, s.305-347, il., bibliogr. ISBN: 9781119460008; 10.1002/9781119460008; GP - 47660

II. ARTYKUŁY W CZASOPISMACH: OPUBLIKOWANE, PRZYJĘTE DO DRUKU

1.

ACS Applied Materials & Interface

Lepak-Kuc S. (Department of Mechatronics, Warsaw University of Technology, Warsaw, Poland), Milowska K.Z. (TCM Group, Cavendish Laboratory, University of Cambridge, Cambridge, UK), Boncel S. (Faculty of Chemistry, Silesian University of Technology, Gliwice, Poland), Szybowicz M. (Faculty of Technical Physics, Poznań University of Technology, Poznań, Poland), Dychalska A. (Faculty of Technical Physics, Poznań University of Technology, Poznań, Poland), Jóźwik Iwona (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research/NOMATEN Centre of Exellence, Otwock, Poland), Kozioł K.K. (Enhanced Composites & Structures Centre, Cranfield University, Bedford, UK), Jakubowska M. (Department of Mechatronics, Warsaw University of Technology, Warsaw, Poland), Lekawa-Raus A. (Department of Mechatronics, Warsaw University of Technology, Warsaw, Poland)

Highly conductive doped hybrid carbon nanotube-graphene wires. Vol.11 s.33207-33220

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Wang Y. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Hrubiak R. (High Pressure Collaborative Access Team (HPCAT), X-ray Science Division, Argonne National Laboratory, Illinois, USA), Turczyński Sebastian (ŁUKASIEWICZ - ITME), Pawlak Dorota (ŁUKASIEWICZ - ITME), Malinowski M. (Cardinal Stefan Wyszynski University, College of Science, Department of Mathematics and Natural Sciences, Warsaw, Poland), Włodarczyk D. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Kosyl K.M. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Paszkowicz W. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Przybylińska H. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Wittlin A. (Institute of Physics,

Polish Academy of Sciences, Warsaw, Poland; Cardinal Stefan Wyszynski University, College of Science, Department of Mathematics and Natural Sciences, Warsaw, Poland), Kamińska A. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland; Cardinal Stefan Wyszynski University, College of Science, Department of Mathematics and Natural Sciences, Warsaw, Poland), Zhydachevskyy Y. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Brik M.G. (College of Mathematics and Physics, Chongqing University of Posts and Telecommunications, Chongqing, China; Institute of Physics, University of Tartu, Tartu, Estonia; Institute of Physics, Jan Dlugosz University, Częstochowa, Poland), (College of Mathematics and Physics, Chongqing University of Posts and Telecommunications, Chongqing, China), Ma Ch.G. (College of Mathematics and Physics, Chongqing University of Posts and Telecommunications, Chongqing, China), Suchocki A. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland; College of Mathematics and Physics, Chongqing University of Posts and Telecommunications, Chongqing, China; Institute of Physics, Kazimierz Wielki University, Bydgoszcz, Poland)

Spectroscopic properties and martensitic phase transition of $Y_4Al_2O_9$:Ce single crystals under high pressure.
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Kędzierski J. (Institute of Applied Physics, Military University of Technology, Warsaw, Poland), Kojdecki M.A. (Institute of Mathematics and Cryptology, Military University of Technology, Warsaw, Poland), Kowiorski Krystian (ŁUKASIEWICZ - ITME), Raszewski Z. (Institute of Applied Physics, Military University of Technology, Warsaw, Poland), Miszczyk E. (Institute of Physics, University of Technology and Humanities, Radom, Poland)

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Krukowski P. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz), Kowalczyk D.A. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz), Piskorski M. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz), Dąbrowski P. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz), Rogala M. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz), Caban Piotr (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Jung J. (Department of Molecular Physics Łodz University of Technology, Lodz, Poland), Baranowski Jacek (ŁUKASIEWICZ - ITME), Ulański J. (Department of Molecular Physics Łodz University of Technology, Lodz, Poland), Klusek Z. (Department of Solid State Physics Faculty of Physics and Applied Informatics, University of Lodz)

Work function tunability of graphene with thermally evaporated rhenium heptoxide for transparent electrode applications.
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AIMS Electronics and Electrical Engineering

Maląg Andrzej (ŁUKASIEWICZ - ITME), Sobczak G. (Institute of Electron Technology, Warsaw, Poland), Dąbrowska Elżbieta (ŁUKASIEWICZ - ITME), Teodorczyk Marian (ŁUKASIEWICZ - ITME)

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Various soliton molecules in fiber systems.

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Optical properties of buffers and cell culture media for optofluidic and sensing applications.
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Physics, University of Warsaw, Warsaw, Poland), Bożek R. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Krajewska Aleksandra (ŁUKASIEWICZ - ITME) (Institute of Optoelectronics, Military University of Technology, Warsaw, Poland), Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Sobańska M. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Zytkiewicz Z.R. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Kowalski G. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Antosiewicz T.J. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Kamińska M. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Wysmołek A. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Drabińska A. (Faculty of Physics, University of Warsaw, Warsaw, Poland)

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Threshold voltage decrease in a thermotropic nematic liquid crystal doped with graphene oxide flakes.
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Poland), Baranowski Jacek (ŁUKASIEWICZ - ITME), Strupiński W. (Faculty of Physics, Warsaw University of Technology, Warsaw, Poland), Lutsyk I. (Department of Solid States Physics, Faculty of Physics and Applied Informatics, University of Lodz, Poland), Kowalczyk D.A. (Department of Solid States Physics, Faculty of Physics and Applied Informatics, University of Lodz, Poland), Pawłowski S. (Department of Solid States Physics, Faculty of Physics and Applied Informatics, University of Lodz, Poland), Klusek Z. (Department of Solid States Physics, Faculty of Physics and Applied Informatics, University of Lodz, Poland)

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Okhay O. (CICECO - Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal; CICECO - Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal), Złotnik Sebastian (ŁUKASIEWICZ - ITME) (CICECO - Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal), Xie W. (Materials Chemistry, Institute for Materials Science, University of Stuttgart, Stuttgart, Germany), Orliński Krzysztof (ITME), Hortiguela Gallo M.J. (CICECO - Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal), Otero-Irurueta G. (CICECO - Aveiro Institute of Materials, Department of Materials and Ceramic Engineering, University of Aveiro, Aveiro, Portugal), Fernandes A.J.S. (Department of Physics, I3N-Institute for Nanostructures, Nonmodelling and Nanofabrication, University of Aveiro, Aveiro, Portugal), Pawlak Dorota (ŁUKASIEWICZ - ITME) (Centre of New Technologies, University of Warsaw, Warsaw, Poland), Weidenkaff A. (Materials Chemistry, Institute for Materials Science, University of Stuttgart, Stuttgart, Germany), Tkach A. (Materials Chemistry, Institute for Materials Science, University of Stuttgart, Stuttgart, Germany)

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Ceramics International

Chmielewski Marcin (ŁUKASIEWICZ - ITME), Nosewicz S. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland), Wyszkowska E. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Kurpaska Ł. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Strojny-Nędza Agata (ŁUKASIEWICZ - ITME), Piątkowska Anna (ŁUKASIEWICZ - ITME), Bazarnik P. (Warsaw University of Technology, Warsaw, Poland), Pietrzak Katarzyna (ŁUKASIEWICZ - ITME)

Analysis of the micromechanical properties of copper-silicon carbide composites using nanoindentation measurements.
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L. (The Institute of Advanced Manufacturing Technology, Cracow, Poland), Teklińska Dominika (ŁUKASIEWICZ - ITME), Olszyna A. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland)

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Blocking characteristics of photoconductive switches based on semi-insulating GaP and GaN.
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Dispersion managament in hybrid optical fibers. (*przyjęto do druku)*

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High-temperature Hall effect sensor based on epitaxial graphene on high-purity semiinsulating 4H-SiC.

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Kachniarz M. (Industrial Research Institute for Automation and Measurements, Warsaw, Poland), Petruk O. (Faculty of Physics, Warsaw University of Technology, Warsaw, Poland), Strupiński Włodzimierz (ŁUKASIEWICZ - ITME) (Faculty of Physics, Warsaw University of Technology, Warsaw, Poland), Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Bieńkowski A. (Institute of Metrology and Biomedical Engineering, Warsaw University of Technology, Warsaw, Poland), Szewczyk R. (Institute of Metrology and Biomedical Engineering, Warsaw University of Technology, Warsaw, Poland), Salach J. (Institute of Metrology and Biomedical Engineering, Warsaw University of Technology, Warsaw, Poland)

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Graphene electrode diagnostic with IR imaging of Joule heat emission.

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Jagiełło Joanna (ŁUKASIEWICZ - ITME), Sekuła-Stryjewska M. (Malopolska Centre of Biotechnology, Jagiellonian University, Krakow, Poland), Noga S. (Malopolska Centre of Biotechnology, Jagiellonian University, Krakow, Poland; Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland), Adamczyk E. (Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland), Dźwigońska M. (Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland), Kurcz Magdalena (ŁUKASIEWICZ - ITME), Kurp Katarzyna (ŁUKASIEWICZ - ITME), Winkowska-Struzik Magdalena (ŁUKASIEWICZ - ITME), Karnas E. (Malopolska Centre of Biotechnology, Jagiellonian University, Krakow, Poland; Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland), Boruczkowski D. (Polish Stem Cell Bank, Warsaw,

Poland), Madeja Z. (Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland), Lipińska Ludwika (ŁUKASIEWICZ - ITME), Zuba-Surma E.K. (Deparment of Cell Biology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University, Krakow, Poland)

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Experimental and numerical studies of micro- and macromechanical properties of modified copper-silicon carbide composites.
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Krasnowski M. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland), Grabias Agnieszka (ŁUKASIEWICZ - ITME), Ferenc J. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland), Kulik T. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland)

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Jóźwik P. (IPFN, Instituto Superior Tenico, Universidade de Lisboa, Bobadela, Portugal), Nowicki L. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Ratajczak R. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Stonert A. (National Centre for Nuclear Research, Otwock-Świerk, Poland), Mieszczyński C. (National Centre for Nuclear Research, Otwock-Świerk, Świerk), Turos Andrzej (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research, Otwock-Świerk, Świerk), Morawiec K. (Institute of Physics, PAS, Warsaw, Poland), Lorenz K. (IPFN, Instituto Superior Tenico, Universidade de Lisboa, Bobadela, Portugal; Instituto de Engenharia de Sistemas de Compotadores-Microsystemas e Nanotechnologias (INESC-MN), Lisboa, Portugal), Alves E. (IPFN, Instituto Superior Tenico, Universidade de Lisboa, Bobadela, Portugal)

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Khalil L. (Laboratoire de Physique des Solides, CNRS, Univ.Paris-Sud, Universite Paris-Saclay, Orsay, Cedex, France; Synhrotron SOLEIL, Saint Aubin BP 48, Cif-sur-Yvette, France), Papalazarou E. (Laboratoire de Physique des Solides, CNRS, Univ.Paris-Sud, Universite Paris-Saclay, Orsay, Cedex, France), Caputo M. (Laboratoire de Physique des Solides, CNRS, Univ.Paris-Sud, Universite Paris-Saclay, Orsay, Cedex, France), Nilforoushan N. (Laboratoire de Physique des Solides, CNRS, Univ.Paris-Sud, Universite Paris-Saclay, Orsay, Cedex, France), Perfetti L. (Laboratoire des Solides Irradies, Ecole Polytechnique, CNRS, CEA, Universite Paris-Saclay, Palaiseau Cedex, France), Taleb-Ibrahimi A. (UR1-CnRS/Synchrotron SOLEIL, Saint Aubin BP 48, Cif-sur-Yvette, France), Konczykowski M. (Laboratoire des Solides Irradies, Ecole Polytechnique, CNRS, CEA, Universite Paris-Saclay, Palaiseau Cedex, France), Hruban Andrzej (ŁUKASIEWICZ - ITME), Wołoś A. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Krusin-Elbaum L. (Department of Physics, The City College of New York, CUNY, New York, USA), Marsi M. (Laboratoire des Solides Irradies, Ecole Polytechnique, CNRS, CEA, Universite Paris-Saclay, Palaiseau Cedex, France)

Bulk defects and surface state dynamics in topological insulators: The effects of electron beam irradiation on the ultrafast relaxation of Dirac fermions in Bi_2Te_3.
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Leszczyński J. (Department of Inorganic Chemistry, Faculty of Materials Science and Ceramics, AGH University of Science and Technology, Krakow, Poland), Nieroda P.

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Moszak K. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland), Olszewski W. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland), Pucicki D. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland; Faculty of Microsystem Electronics and Photonics, Wrocław University of Science and Technology, Wrocław, Poland), Serafińczuk J. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland; Faculty of Microsystem Electronics and Photonics, Wrocław University of Science and Technology, Wrocław, Poland), Opołczyńska K. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland; Faculty of Physics, University of Wrocław, Wrocław, Poland), Rudziński Mariusz (ŁUKASIEWICZ - ITME), Kudrawiec R. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland ; Faculty of Fundamental Problems of Technology, Wrocław University of Science and Technology, Wrocław, Poland), Hommel D. (Łukasiewicz Research Network-PORT Polish Center for Technology Development, Wrocław, Poland; Faculty of Physics, University of Wrocław, Wrocław, Poland)

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Parlak Z.V. (Rhein Westfal TH Aachen, Aachen, Germany), Wein S. (Rhein Westfal TH Aachen, Helmholtz Inst.Biomed.Engn., Biointerface Grp, Aachen, Germany; Rhein Westfal TH Aachen, Inst. Pathol, Aachen, Germany), Zybała Rafał (ŁUKASIEWICZ - ITME) (Funct.Mat.Warsaw Univ.Technol., Univ.Res.Ctr., Warsaw, Poland), Tymicki Emil (ŁUKASIEWICZ - ITME), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Rutten S. (Rhein Westfal TH Aachen, Univ.Clin.Electron Microscop.Facil., Aachen, Germany), Labude N. (Rhein Westfal TH Aachen, Helmholtz Inst.Biomed.Engn., Biointerface Grp, Aachen, Germany; Rhein Westfal TH Aachen, Inst. Pathol, Aachen, Germany), Telle R. (Rhein Westfal TH Aachen, Aachen, Germany), Schickle K. (Rhein Westfal TH Aachen, Aachen, Germany),

Neuss S. (Rhein Westfal TH Aachen, Helmholtz Inst.Biomed.Engn., Biointerface Grp, Aachen, Germany; Rhein Westfal TH Aachen, Inst. Pathol, Aachen, Germany)

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Chaika M.A. (Institute of Low Temperature and Structure Research Polish Academy of Science, Wrocław, Poland; Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine), Tomala R. (Institute of Low Temperature and Structure Research Polish Academy of Science, Wrocław, Poland), Strek W. (Institute of Low Temperature and Structure Research Polish Academy of Science, Wrocław, Poland), Hreniak D. (Institute of Low Temperature and Structure Research Polish Academy of Science, Wrocław, Poland), Dluzewski P. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Morawiec K. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Mateychenko P.V. (Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine), Fedorov A.G. (Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine), Doroshenko A.G. (Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine), Parkhomenko S.V. (Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine), Leśniewska-Matys Kamila (ŁUKASIEWICZ-ITME), Podniesiński Dariusz (ŁUKASIEWICZ-ITME), Kozłowska Anna (ŁUKASIEWICZ-ITME), Mancardi C. (Department of Chemistry, University College London, London, United Kingdom), Vovk O.M. (Institute of Single Crystals, National Academy of Sciences of Ukraine, Kharkiv, Ukraine)

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Zybała Rafał (ŁUKASIEWICZ - ITME) (University Research Center "Functional Materials", Warsaw University of Technology, Warsaw, Poland), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Schmidt Maksymilian (ŁUKASIEWICZ - ITME), Chmielewski Marcin (ŁUKASIEWICZ - ITME)

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Hybrid electrode composed of multiwall carbon nanotubes decorated with magnetite nanoparticles for aqueous supercapacitors.
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Gierej A. (Department of Applied Physics and Photonics, Vrije Universiteit Brussels, Brussels Photonics, Brussels, Belgium; Department of Organic and Macromolecular Chemistry, Polymer Chemistry and Biomaterials Group, Centre of Macromolecular Chemistry, Universiteit Gent, Ghent, Belgium), Vagenende M. (Department of Applied Physics and Photonics, Vrije Universiteit Brussel, Brussel Photonics, Belgium; Department of Organic and Macromolecular Chemistry, Polymer Chemistry and Biomaterials Group, Centre of Macromolecular Chemistry, Universiteit Gent, Ghent, Belgium), Filipkowski Adam (ŁUKASIEWICZ - ITME), Siwicki Bartłomiej (ŁUKASIEWICZ - ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME), Thienpont H. (Department of Applied Physics and Photonics, Vrije Universiteit, Brussels Photonics, Brussels, Belgium), VanVlierberghe S. (Department of Applied Physics and Photonics, Vrije Universiteit Brussels, Brussels Photonics, Brussels, Belgium; Department of Organic and Macromolecular Chemistry, Polymer Chemistry and Biomaterials Group, Centre of Macromolecular Chemistry, Universiteit Gent, Ghent, Belgium), Geernaert T. (Department of Applied Physics and Photonics, Vrije Universiteit, Brussels Photonics, Brussels, Belgium), Dubruel P. (Department of Organic and Macromolecular Chemistry, Polymer Chemistry and Biomaterials Group, Centre of Macomolecular Chemistry, Universiteit Gent, Ghent, Belgium), Berghmans F. (Department of Applied Physics and Photonics, Vrije Universiteit, Brussels Photonics, Brussels, Belgium)

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Tsiumra V. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Krasnikov A. (Institute of Physics, University of Tartu, Tartu, Estonia), Zazubovich S. (Institute of Physics, University of Tartu, Tartu, Estonia), Zhydachevskyy Y. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland; Lviv Polytechnic National University, Ukraine), Vasylechko L. (Lviv Polytechnic National University, Ukraine), Baran Magdalena (ŁUKASIEWICZ - ITME), Wachnicki Ł. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland), Lipińska Ludwika (ŁUKASIEWICZ - ITME), Nikl M. (Institute of Physics AS CR, Prague, Czech Republic), Suchocki A. (Institute of Physics, Polish Academy of Sciences, Warsaw, Poland; Institute of Physics, University of Bydgoszcz, Poland)

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Złotnik Sebastian (ITME), Maltez-da Costa M. (Department of Materials and Ceramic Engineering, CICECO - Aveiro Institute of Materials University of Aveiro, Aveiro, Portugal), Barroca N. (Department of Materials and Ceramic Engineering, CICECO - Aveiro Institute of Materials University of Aveiro, Aveiro, Portugal), Hortiguela M.J. (Center for Mechanical Technology and Automation, Department of Mechanical Engineering, University of Aveiro, Portugal), Singh M.K. (Center for Mechanical Technology and Automation, Department of Mechanical Engineering, University of Aveiro, Portugal), Fernandes M.H.V. (Department of Materials and Ceramic Engineering, CICECO - Aveiro Institute of Materials University of

Aveiro, Aveiro, Portugal), Vilarinho P.M. (Department of Materials and Ceramic Engineering, CICECO - Aveiro Institute of Materials University of Aveiro, Aveiro, Portugal)

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Dmitruk A. (Department of Foundry, Polymers and Automation, Faculty of Mechanical Engineering, Wrocław University of Science and technology, Wrocław, Poland), Naplocha K. (Department of Foundry, Polymers and Automation, Faculty of Mechanical Engineering, Wrocław University of Science and technology, Wrocław, Poland), Żak A. (Department of Material Science, Welding and Strength of Materials, Faculty of Mechanical Engineering, Wrocław University of Science and Technology, Wrocław, Poland), Strojny-Nędza Agata (ŁUKASIEWICZ - ITME), Dieringa H. (Helmholtz Zentrum Geesthacht, Zentrum fur Material und Kustenforschung, MagIC - Magnesium Innovation Centre, Geesthacht, Germany), Kainer K.U. (Helmholtz Zentrum Geesthacht, Zentrum fur Material und Kustenforschung, MagIC - Magnesium Innovation Centre, Geesthacht, Germany)

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Forestier Xavier (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Physics, Warsaw, Poland), Cimek Jarosław (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Kujawa Ireneusz (ŁUKASIEWICZ - ITME), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Pysz Dariusz (ŁUKASIEWICZ - ITME), Orliński Krzysztof (ITME), Stępień Ryszard (ŁUKASIEWICZ - ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland)

Study of SiO_2-PbO-CdO-Ga_2O_3 glass system for mid-infrared optical elements.
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Dobrakowski Dominik (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Rampur Anupamaa (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Stępniewski Grzegorz (ŁUKASIEWICZ - ITME)

(University of Warsaw, Faculty of Physics, Warsaw, Poland), Anuszkiewicz Alicja (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Lisowska Jolanta (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Pysz Dariusz (ŁUKASIEWICZ - ITME), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Klimczak Mariusz (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland)

Development of highly nonlinear polarization-maintaining fibers with normal dispersion across entire transmission window.
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Dobrakowski Dominik (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Stępniewski Grzegorz (ŁUKASIEWICZ - ITME), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Klimczak Mariusz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland)

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Orliński Krzysztof (ŁUKASIEWICZ - ITME), Romaniec Magdalena (ŁUKASIEWICZ - ITME), Malinowska Agnieszka (ŁUKASIEWICZ - ITME), Diduszko Ryszard (ŁUKASIEWICZ - ITME)

Growth-microstructure relationship in MgO-$MgAl_2O_4$ eutectic fabricated by micro-pulling down method with $MgAl_2O_4$ seed crystals.
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Klimczak Mariusz (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Michalik Damian (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Stępniewski Grzegorz (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Karpate Tanvi (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Physics, Warsaw, Poland), Cimek Jarosław (ŁUKASIEWICZ - ITME), Forestier Xavier (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Physics, Warsaw, Poland), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Pysz Dariusz (ŁUKASIEWICZ - ITME), Stępień Ryszard (ŁUKASIEWICZ - ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland)

Coherent supercontinuum generation in tellurite glass regular lattice photonic crystal fibers.
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Faculty of Physics, Warsaw, Poland), Stępniewski Grzegorz (ŁUKASIEWICZ - ITME), Pysz Dariusz (ŁUKASIEWICZ - ITME), Zhao L. (Jiangsu Key Laboratory of Advanced Laser Materials and Devices, Jiangsu Collaborative Innovation Center of Advanced Laser Technology and Emerging Industry, School of Physics and Electronic Engineering, Jiangsu Normal University, Xuzhou, Jiangsu, China), Stepanienko Y. (Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Klimczak Mariusz (ŁUKASIEWICZ - ITME)

Femtosecond pulse delivery around 1560 nm in large-core inhibited-coupling fibers.
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Wlazlak A. (Faculty of Mechanical and Power Engineering, Wroclaw University of Science and Technology, Wroclaw, Poland), Zajączkowski B. (Faculty of Mechanical and Power Engineering, Wroclaw University of Science and Technology, Wroclaw, Poland), Woluntarski Michał (ŁUKASIEWICZ - ITME), Buschmann M. (Institut fur Luft- Und Kaltetechnik, Dresden, Germany)

Influence of graphene oxide nanofluids and surfactant on thermal behaviour of the thermosyphon.
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Lanh C.V. (Department of Physics, Vinh University, Nghe An Providence, Vinh City, Viet Nam), Hoang Van Thuy (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Long V.C. (Institute of Physics, University of Zielona Góra, Poland), Borzycki K. (National Institute of Telecommunications, Warsaw, Poland), Xuan K.D. (Department of Physics, Vinh University, Nghe An Providence, Vinh City, Viet Nam), Quoc V.T. (Department of Physics, Vinh University, Nghe An Providence, Vinh City, Viet Nam), Trippenbach M. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Pniewski J. (Faculty of Physics, University of Warsaw, Warsaw, Poland)

Optimization of optical properties of photonic crystal fibers infiltrated with chloroform for supercontinuum generation.
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Muydinov R. (Institute of High-Frequency and Semiconductor System Technologies, Technical University Berlin, Berlin, Germany), Steigert A. (Institute for Nanospectroscopy, Helmholtz-Zentrum Berlin fur Materialien und Energie GmbH, Berlin, Germany), Michałowski Paweł (ŁUKASIEWICZ - ITME), Bloeck U. (Department of nanoscale Structures and Microscopic Analysis, Helmholtz-Zentrum Berlin fur Materialien und Energie GmbH, Berlin, Germany), Pflug A. (Fraunhofer Institute for Surface Engineering and Thin Films IST Braunschweig, Germany), Erfurt D. (PVcomB, Helmholtz-Zentrum Berlin fur Materialien und Energie GmbH, Berlin, German), Klenk R. (PVcomB, Helmholtz-Zentrum Berlin fur Materialien und Energie GmbH, Berlin, German), Korner S. (Institute of High-Frequency and Semiconductor System Technologies, Technical University Berlin, Berlin, Germany), Lauermann I. (PVcomB, Helmholtz-Zentrum Berlin fur Materialien und

Energie GmbH, Berlin, German), Szyszka B. (Institute of High-Frequency and Semiconductor System Technologies, Technical University Berlin, Berlin, Germany)

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

Discrete element modeling of intermetallic matrix composite manufacturing by powder metallurgy.

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Bazarnik P. (Warsaw University of Technology, Warsaw, Poland), Nosewicz S. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland), Romelczyk-Baishya B. (Warsaw University of Technology, Warsaw, Poland), Chmielewski Marcin (ŁUKASIEWICZ - ITME), Strojny-Nędza Agata (ŁUKASIEWICZ - ITME), Maj J. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland), Huang Y. (Department of Design and Engineering, Faculty of Science and Technology, Bournemouth University, Poole, Dorset, UK; Materials Research Group, Department of Mechanical Engineering, University of Southampton, UK), Lewandowska M. (Warsaw University of Technology, Warsaw, Poland), Langdon T.G. (Materials Research Group, Department of Mechanical Engineering, University of Southampton, UK)

Effect of spark sintering and high-pressure torsion on the microstructural and mechanical properties of a Cu-SiC composite.

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Materiały Elektroniczne/Electronic Materials

Boniecki Marek (ŁUKASIEWICZ – ITME), Gołębiewski Przemysław (ŁUKASIEWICZ – ITME), Węglarz Helena (ŁUKASIEWICZ – ITME), Piątkowska Anna (ŁUKASIEWICZ – ITME), Romaniec Magdalena (ŁUKASIEWICZ – ITME), Krzyżak Konrad (ŁUKASIEWICZ – ITME)

Influence of the rigid alumina particles added to ZrO_2 ceramics stabilized with Y_2O_3 for its mechanical properties.

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Kaszyca Kamil (ŁUKASIEWICZ – ITME), Danilczuk W. (Lublin University of Technology, Faculty of Mechanical Engineering, Department of Automation, Lublin, Poland), Zybała R. (University Research Centre “Functional Materials” Warsaw University of Technology, Warsaw, Poland)

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Skoczek Patrycja (ŁUKASIEWICZ – ITME), Plasota Szymon (ŁUKASIEWICZ – ITME)

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Jóźwik Iwona (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research, NOMATEN Centre of Excellence, Świerk-Otwock, Poland), Barcz A. (Institute of Electron Technology/Institute of Physics PAS, Warsaw), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Dąbrowska Elżbieta (ŁUKASIEWICZ - ITME)

Ion-irradiated damage in semiconductors vizualized by means of low-kV Scanning Electron Microscopy.

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Teklińska Dominika (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research, NOMATEN Centre of Excellence, Świerk-Otwock, Poland), Knyps Piotr (ŁUKASIEWICZ - ITME)

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Paszkiewicz S. (Institute of Material Science and Engineering, West Pomeranian University of Technology, Szczecin), Pawlikowska D. (Institute of Material Science and Engineering, West Pomeranian University of Technology, Szczecin), Kurcz Magdalena (ŁUKASIEWICZ - ITME), Szymczyk A. (Institute of Physics, West Pomeranian University of Technology, Szczecin), Irska I. (Institute of Material Science and Engineering, West Pomeranian University of Technology, Szczecin), Stanik R. (Institute of Lightweight Engineering and Polymer Technology, Technische Universitat Dresden, Germany), Gude M. (Institute of Lightweight Engineering and Polymer Technology, Technische Universitat Dresden, Germany), Linares A. (Instituto de Estructura de la Materia, Madrid, Spain), Exquerra T.A. (Instituto de Estructura de la Materia, Madrid, Spain), Lipińska Ludwika (ŁUKASIEWICZ - ITME), Woluntarski Michał (ŁUKASIEWICZ - ITME), Zubkiewicz A. (Institute of Physics, West Pomeranian University of Technology, Szczecin), Piesowicz E. (Institute of Material Science and Engineering, West Pomeranian University of Technology, Szczecin)

Functional properties of poly(trimethylene terephthalate)-block-poly(caprolactone) based nanocomposites containing graphene oxide (GO) and reduced graphene oxide (rGO).

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Roszkiewicz A. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland), Jain A. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland), Teodorczyk Marian (ŁUKASIEWICZ - ITME), Nasalski W. (Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland)

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Tkach A. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal), Santos A. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal), Złotnik Sebastian (ŁUKASIEWICZ - ITME) (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal), Serrazina R. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal), Okhay O. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal; Nanotechnology Research Division, Centre for Mechanical Technology and Automation (TEMA), Department of Mechanical Engineering, University of Aveiro, Portugal), Bdikin I. (Nanotechnology Research Division, Centre for Mechanical Technology and Automation (TEMA), Department of Mechanical Engineering, University of Aveiro, Portugal), Costa M.E. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal), Vilarinho P.M. (Department of Materials and Ceramic Engineering, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal)

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and Electrometry, Russian Academy of Sciences, Academician Koptyug Prospekt, Novosibirsk, Russia), Su L. (School of Engineering and Materials Science, Queen Mary University of London, London, UK), Tang D. (School of Electrical and Electronic Engineering, Nanyang Technological University , Singapore), Shen D. (Jiangsu Key Laboratory of Advanced Laser Materials and Devices, Jiangsu Collaborative Innovation Center of Advanced Laser Technology and Emerging Industry, School of Physics and Electronic Engineering, Jiangsu Normal University, Xuzhou, Jiangsu, China), Zhao L. (Jiangsu Key Laboratory of Advanced Laser Materials and Devices, Jiangsu Collaborative Innovation Center of Advanced Laser Technology and Emerging Industry, School of Physics and Electronic Engineering, Jiangsu Normal University, Xuzhou, Jiangsu, China; School of Engineering and Materials Science, Queen Mary University of London, London, UK)

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Przegląd Elektrotechniczny

Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Kościewicz Kinga (ŁUKASIEWICZ - ITME), Czołak Dariusz (ŁUKASIEWICZ - ITME), Dobrowolski Artur (ŁUKASIEWICZ - ITME), Jagiełło Jakub (ŁUKASIEWICZ - ITME), Chamryga Adrianna (ŁUKASIEWICZ - ITME), Budzich Rafał (ŁUKASIEWICZ - ITME), Stańczyk Beata (ŁUKASIEWICZ - ITME), Przyborowska Krystyna (ŁUKASIEWICZ - ITME), Harmasz Anna (ŁUKASIEWICZ - ITME), Góra Krzysztof (ŁUKASIEWICZ - ITME), Kozłowski Andrzej (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ -

ITME), Teklińska Dominika (ŁUKASIEWICZ - ITME), Tymicki Emil (ŁUKASIEWICZ - ITME), Kozłowski Roman (ŁUKASIEWICZ - ITME), Kozubal Michał (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Homoepitaksja węglika krzemu dla przyrządów mocy w Sieci Badawczej Łukasiewicz - ITME.
Vol.95 nr 9 s.154-156

97.
Piwowarski K. (Military University of Technology, Warsaw, Poland), Suproniuk M. (Military University of Technology, Warsaw, Poland), Kamiński Paweł (ŁUKASIEWICZ - ITME), Perka B. (Military University of Technology, Warsaw, Poland)

Concept of a measuring system for diagnostics of photoconductive semiconductor switches parameters.
Vol.95 nr 11 s.117-119

98.
Przegląd Mechaniczny
Nasiłowska B. (Wojskowa Akademia Techniczna, Instytut Opotoelektroniki, Warszawa), Wojucki M. (Sieć Badawcza Łukasiewicz - Instytut Mechaniki Precyzyjnej, Warszawa), Mierczyk J. (Wojskowa Akademia Techniczna, Instytut Optoelektroniki, Warszawa), Djas Małgorzata (ŁUKASIEWICZ - ITME)

Wybrane właściwości użytkowe wodorozcieńczalnej żywicy akrylowej domieszkowanej tlenkiem grafenu - GO i zredukowanym tlenkiem grafenu - rGO.
Vol.78 nr 10 s.23-26

99.
Semiconductor Science and Technology
Antipov S. (Moscow State Pedagogical University, Moscow, Russia), Trifonov A. (Moscow State Pedagogical University, Moscow, Russia), Krause S. (Group for Advanced Receiver Development, Chalmers University of Technology, Gothenburg, Sweden), Meledin D. (Group for Advanced Receiver Development, Chalmers University of Technology, Gothenburg, Sweden), Kaurova N. (Moscow State Pedagogical University, Moscow, Russia), Rudziński Mariusz (ŁUKASIEWICZ - ITME), Desmaris V. (Group for Advanced Receiver Development, Chalmers University of Technology, Gothenburg, Sweden), Belitsky V. (Group for Advanced Receiver Development, Chalmers University of Technology, Gothenburg, Sweden), Goltsman G. (Moscow State Pedagogical University, Moscow, Russia; National Research University Higher School of Economics, Moscow, Russia)

Improved bandwidth of a 2THz hot-electron bolometer heterodyne mixer fabricated on sapphire with a GaN buffer layer.
Vol.32 s.075003-1-7

100.
Sensors & Transducers
Dobrowolski Artur (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Jagiełło Jakub (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Kościewicz Kinga (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Wysmołek Andrzej (ŁUKASIEWICZ - ITME), Chamryga Adrianna (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Temperature investigation of photon-plasmon modes in 4H-SiC homoepitaxial layers.

Vol.235 nr 7 s.31-36

101.
Thin Solid Films
Akhtar F. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany), Dąbrowski J. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany), Lisker M. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany), Zaumseil P. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany), Schulze S. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany), Jouvray A. (Aixtron Ltd., Anderson Road, Swavesey, Cambridge, UK), Caban Piotr (ŁUKASIEWICZ - ITME), Mai A. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany; Technical University of Applied Science Wildau Hochschulring, Wildau, Germany), Wenger Ch. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany; Branderburg Medical School Theodor Fontane, Neuruppin, Germany), Lukosius M. (IHP - Leibniz-Institut fur Innovative Mikroelektronik, Im Technologiepark, Frankfurt (Oder), Germany)
Large-scale chemical vapor deposition of graphene on polycrystalline nickel films: Effect of annealing conditions.
Vol.690 s.137565-1-8

102.
Stabrawa I. (Institute of Physics, Jan Kochanowski University, Kielce, Poland; Holycross Cancer Center, Kielce, Poland), Kubala-Kukuś A. (Institute of Physics, Jan Kochanowski University, Kielce, Poland; Holycross Cancer Center, Kielce, Poland), Banaś D. (Institute of Physics, Jan Kochanowski University, Kielce, Poland; Holycross Cancer Center, Kielce, Poland), Pepponi G. (FBK Fondazione Bruno Kessler, via Sommarive , Povo, Trento, Italy), Braziewicz J. (Institute of Physics, Jan Kochanowski University, Kielce, Poland; Holycross Cancer Center, Kielce, Poland), Pajek M. (Institute of Physics, Jan Kochanowski University, Kielce, Poland; Holycross Cancer Center, Kielce, Poland), Teodorczyk Marian (ŁUKASIEWICZ - ITME)
Characterization of the morphology of titanium and titanium (IV) oxide nanolayers deposited on different substrates by application of grazing incidence X-ray diffraction and X-ray reflectometry techniques.
Vol.671 s.103-110

103.
Ultramicroscopy
Jóźwik Iwona (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research/NOMATEN Centre of Excellence MAB+ Division, Świerk- Otwock, Poland), Barcz A. (Institute of Electron Technology/Institute of Physics PAS, Warsaw, Poland), Dąbrowska Elżbieta (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME)
Damage-induced voltage alteration (DIVA) contrast in SEM images of ion-irradiated semiconductors.
Vol.204 s.6-9

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

1.

Photonics West 2019, San Francisco, USA, 2019.02.02-2019.02.07

Filipkowski Adam (ŁUKASIEWICZ - ITME), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Hue Thi Nguyen (ŁUKASIEWICZ - ITME) (Hong Duc University, Department of Physics, Thanh Hoa,Vietnam), Cimek Jarosław (ŁUKASIEWICZ - ITME), Pysz Dariusz (ŁUKASIEWICZ - ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland)

Development of nanostructured GRIN microlenses with temperature controlled diffusion.

Abstract. 1 s.

2.

Photonics West 2019, San Francisco, USA, 2019.02.02-2019.02.07

Franczyk Marcin (ŁUKASIEWICZ - ITME), Pysz Dariusz ŁUKASIEWICZ - ITME), Markowski K. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronics Systems, Warsaw, Poland), Lisowska Jolanta (ŁUKASIEWICZ - ITME), Anuszkiewicz Alicja (ŁUKSAIEWICZ - ITME), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Stefaniuk Tomasz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Filipkowski Adam (ŁUKASIEWICZ - ITME), Jędrzejewski K. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronic Systems, Warsaw, Poland), Osuch T. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronic Systems, Warsaw, Poland; National Institute of Telecommunications, Warsaw, Poland), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland)

Ytterbium doped nanostructured core silica fiber with built-in Bragg grating for laser applications.

Proc.SPIE 2019, Vol.10914, art.no UNSP 109140L, 7 s., Conference on Optical Components and Materials XVI, San Francisco, USA, CA, 04-06.02.2019

43

Graphene Study, Obergurgl, Austria, 2019.02.04-2019.02.08

Knyps Piotr (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Controlled growth of continuous layer of molybdenum disulphine by CVD.

4.

9th International Conference on Advanced Materials and Nanotechnology, Wellington, New Zeland, 2019.02.10-2019.02.14

Knyps Piotr (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Wócik Marek (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Towards large area monolayer of MoS2.

Abstracts book. 1 s., il.

5.

Caban Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME)

Growth of AlGaN/GaN heterostructures using AlN buffer layer for HEMTs applications.

Abstract book: 1 s.

6.

Caban Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Możdżonek Małgorzata (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME), Wlasny I. (Faculty of Physics, Warsaw, Poland), Borysiuk J. (Faculty of Physics, Warsaw, Poland), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Growth of smooth BN layers by MOVPE.

Abstracts book. 1 s., biblioigr.

7.

I Poznańskie Mikrosympozjum Grafenowe, Poznań, Polska, 2019.03.15-2019.03.15

Michałowski Paweł (ŁUKASIEWICZ - ITME)

Secondary ion mass spectrometry characterization of 2D materials.

Abstract. 2 s., il., bibliogr.

8.

3r German Polish Conference on Crystal Growth, Poznań, Poland, 2019.03.17-2019.03.21

Kołodziejak Katarzyna (ŁUKASIEWICZ - ITME), Sar Jarosław (ŁUKASIEWICZ - ITME), Orliński Krzysztof (ŁUKASIEWICZ - ITME), Pawlak Dorota (ŁUKASIEWICZ - ITME)

Semiconducting eutectic composites for photoelectrochemical water splitting.

Abstract. 1 s., bibliogr.

9.

Malinowska Agnieszka (ŁUKASIEWICZ - ITME)

Crystal lattice defect structure of selected perovskite-like single crystals of the general chemical formula of $ABCO_4$.

Abstract. 1 s., bibliogr.

10.

SPIE. Optics+Optoelectronics, Prague, Czech Republic, 2019.04.01-2019.04.04

Buczyński Ryszard (ITME) (University of Warsaw), Anuszkiewicz Alicja (ITME), Franczyk Marcin (ITME), Filipkowski Adam (ITME), Osuch T. (Warsaw University of Technology, Poland), Pysz Dariusz (ITME), Stefaniuk Tomasz (ITME) (University of Warsaw, Poland), Stępniewski Grzegorz (ITME), Michalik Damian (ITME) (University of Warsaw, Poland), Hue Thi Nguyen (University of Warsaw, Poland), Klimczak Mariusz (ITME) (University of Warsaw, Poland), Kasztelanic Rafał (ITME) (University of Warsaw, Poland)

Nanostructured core optical fibres.

Abstract. 1 s. Session 2:Mid-IR and Infrared Fibers and Coherent Sources

11.

Conference on Micro-Structured and Specialty Optical Fibers VI, Prague, Czech Republic, 2019.04.03-2019.04.04

Gierej A. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium; Univ.Ghent, Dept.Organ.&Macromol.Chem.&Biomat.Grp.PBM, Crt.Macromol.Chem.CMaC, Ghent, Belgium), Vagenende M. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium; Univ.Ghent, Dept.Organ.&Macromol.Chem.&Biomat.Grp.PBM, Crt.Macromol.Chem.CMaC, Ghent, Belgium), Filipkowski Adam (ŁUKASIEWICZ - ITME), Siwicki Bartłomiej (ŁUKASIEWICZ - ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME), Thienpont H. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium), Van Vlierberghe S. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium; Univ.Ghent, Dept.Organ.&Macromol.Chem.&Biomat.Grp.PBM, Crt.Macromol.Chem.CMaC, Ghent, Belgium), Geernaert T. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium), Dubruel P. (Univ.Ghent, Dept.Organ.&Macromol.Chem.&Biomat.Grp.PBM, Crt.Macromol.Chem.CMaC, Ghent, Belgium), Berghmans F. (Vrije Univ.Brussel, Dept.Appl.Phys.&Photon, Brussels Photon BPHOT, Brussels, Belgium)

Towards poly(D,L-lactic acid)-based biodegradable and biocompatible polymer optical fiber.

Proc.SPIE, Micro-Structured and Spiecialty Optical Fibers VI, Vol.11029, 9 s., il., bibliogr., Article number: UNSP 110290K

12.

XXIV Seminarium Polskiego Towarzystwa Materiałoznawczego, Jachranka, Polska, 2019.05.12-2019.05.15

Grabias Agnieszka (ŁUKASIEWICZ - ITME)

Zastosowanie spektroskopii mössbauerowskiej do opisu struktury i właściwości magnetycznych stopów żelaza.

Abstract. 1 s.

13.

NanoOstrava 2019, Ostrava, Czech Republic, 2019.05.13-2019.05.16

Michalska Monika (ŁUKASIEWICZ – ITME), Lin J.Y. (Department of Chemical Engineering, Tatung University, Zhongshan North Road, Taipei, Taiwan)

Synthesis and electrochemical properties of $LiNi_{0.5}Mn_{1.5}O_4$ surface modified with NiO coating as a cathode material for lithium-ion batteries

Abstract. 1 s.

14.

Michalska Monika (ŁUKASIEWICZ – ITME), Lin J.Y. (Department of Chemical Engineering, Tatung University, Zhongshan North Road, Taipei, Taiwan)

$Li_4Ti_5O_{12}$ spinel modified with carbon ot oxide coatings as an advanced anode material for high-rate lithium-ion batteries

Abstract. 1 s., bibliogr.

15.

IV Ogólnopolska Konferencja - Zaawansowane Materiały i Nanotechnologia, Warszawa, Polska, 2019.05.18-2019.05.19

Dobrowolski Artur (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Jagiełło Jakub (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Kościewicz Kinga ŁUKASIEWICZ - (ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Chamryga Adrianna (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Temperaturowe badanie modu sprzężonego fonon-plazmon w 4H-SiC.

Abstrakt. 1 s., il.

16.

2nd International Conference on Microelectronic Devices and Technologies, Amsterdam, The Netherlands, 2019.05.22-2019.05.24

Dobrowolski Artur (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Jagiełło Jakub ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Kościewicz Kinga (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Wysmołek A. (Faculty of Physics, University of Warsaw, Warsaw, Poland), Chamryga Adrianna (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Temperature investigation of phonon-plasmon modes in 4H-SiC Shottky diodes for power electronic devices.

Proceedings of the 2nd Int.Conf.Microelectronics Devices and Technologies. 2 s., il., bibliogr. (ISBN:978-84-09-11679-9)

17.

XLIV-th IEEE Joint Symposium - Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments, Wilga, Poland, 2019.05.27-2019.06.02

Caban Piotr (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Knyps Piotr (ŁUKASIEWICZ - ITME), Treklińska Dominika (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME)

AlGaN/GaN HEMTs for the purpose of electronic applications.

Proceedings of SPIE - The International Society of Optical Engeenering, 2019, Vol.11176, Article number 111764Z

18.

Kondracka K. (Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland), Firek P. (Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland), Caban Piotr (ŁUKASIEWICZ -

ITME), Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Szmidt J. (Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland)

Technology and characterization of ISFET structures with graphene membrane.
Proceedings SPIE - The International Society for Optical Engineering, 2019, Vol.11176, Article number 111764X

19.

Knyps Piotr (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Towards increasing og lateral dimension of Molybdenum disulphide MoS2.
Proceedings of SPIE - The International Society of Optical Engineering, 2019, Vol.11176, Article number 111764K

20.

Krajowa Konferencja Elektroniki 2019, Darłówko-Wschodnie, Polska, 2019.06.02-2019.06.06

Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Kościewicz Kinga (ŁUKASIEWICZ - ITME), Czołak Dariusz (ŁUKASIEWICZ - ITME), Dobrowolski Artur (ŁUKASIEWICZ - ITME), Jagiełło Jakub (ŁUKASIEWICZ - ITME), Chamryga Adrianna (ŁUKASIEWICZ - ITME), Budzich Rafał (ŁUKASIEWICZ - ITME), Stańczyk Beata (ŁUKASIEWICZ - ITME), Przyborowska Krystyna (ŁUKASIEWICZ - ITME), Harmasz Anna (ŁUKASIEWICZ - ITME), Góra Krzysztof (ŁUKASIEWICZ - ITME), Kozłowski Andrzej (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ - ITME), Teklińska Dominika (ŁUKASIEWICZ - ITME), Tymicki Emil (ŁUKASIEWICZ - ITME), Kozłowski Roman (ŁUKASIEWICZ - ITME), Kozubal Michał (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Homoepitaksja węglika krzemu dla przyrządów mocy w Sieci Badawczej Łukasiewicz - ITME.
Abstrakt. 1 s.

21.

International Conference Nano-M&D 2019 Properties, Fabrication and Applications of Nano-Materials and Nano-Devices, Paestum, Italy, 2019.06.04-2019.06.08

Chavarin C.A. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany), Dąbrowski J. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany), Luongo G. (Physics Department “E.R. Caianiello”, University of Salerno, via Giovanni Paolo IIn.132, Italy); (CNR-SPIN Salerno, via Giovanni Paolo II n.132, Fisciano, Italy), Lisker M. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany), Jouvray A. (Aixtron Ltd., Anderson Road, Swavesey, Cambridge, UK), Caban Piotr (ŁUKASIEWICZ – ITME), Di Bartolomeo A. (Physics Department “E.R. Caianiello”, University of Salerno, via Giovanni Paolo IIn.132, Italy); (CNR-SPIN Salerno, via Giovanni Paolo II n.132, Fisciano, Italy); (Interdepartmental Centre Nano-Mates, University of Salerno, via Giovanni Paolo II n.132, Fisciano, Italy), Wenger Ch. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany); (Brandenburg Medical School Theodor Fontane, Neuruppin, Germany), Mai A. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany); (Technical University of Applied Science Wildau, Wildau, Germany), Lukosius M. (IHP – Leibniz Institut für innovative Mikroelektronik, Frankfurt, (Oder), Germany)

Field-modulated grapheme/silicon Schottky diodes fabricated in a fully CMOS-compatible process line
Abstract. 1 s., bibliogr.

22.

48th "Jaszowiec" International School and Conference on the Physics of Semiconductors, Szczyrk, Poland, 2019.06.08-2019.06.14

Królicka A. (Institute of Physics PAS, Warsaw, Poland), Dybko K. (Institute of Physics PAS, Warsaw, Poland; International Research Centre MagTop, Warsaw, Poland), Minikayev R. (Institute of Physics PAS, Warsaw, Poland), Reszka A. (Institute of Physics PAS, Warsaw, Poland), Więckowski J. (Institute of Physics PAS, Warsaw, Poland), Szewczyk A. (Institute of Physics PAS, Warsaw, Poland), Grochot A. (Institute of Physics PAS, Warsaw, Poland), Knoff W. (Institute of Physics PAS, Warsaw, Poland), Sawicki M. (Institute of Physics PAS, Warsaw, Poland), Mirowska Aleksandra (ŁUKASIEWICZ - ITME), Materna Andrzej (ŁUKASIEWICZ - ITME), Piersa Mirosław (ŁUKASIEWICZ - ITME), Story T. (Institute of Physics PAS, Warsaw, Poland)

$Pb_{1-x}Sn_xTe$ thermoelectric with Cr resonant donors.
Abstract. 1 s., bibliogr.

23.

8th International Symposium on Optical Materials, Wrocław, Poland, 2019.06.09-2019.06.14

Vovk O. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine), Kozłowska Anna (ŁUKASIEWICZ - ITME), Nizhankovskyi S. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine), Kryvonogov S. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine), Vovk O. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine), Siryk Y. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine), Leśniewska-Matys Kamila (ŁUKASIEWICZ - ITME), Strojny-Nędza Agata (ŁUKASIEWICZ - ITME), Chaika M. (Institute for Single Crystals NAS of Ukraine, Kharkiv, Ukraine)

Thermal characterization of the (YAG-Al_2O_3):Ce crystals as materials for luminescent converters laser diodes driven white lighting.
Abstract. 1 s., il.

24.

EMN – Energy, Materials and Nanotechnology, Amsterdam Meeting 2019, Amsterdam, Holland, 2019.06.17-2019.06.21

Michalska Monika (ŁUKASIEWICZ – ITME), Szysiak Agnieszka (ŁUKASIEWICZ – ITME), Gołębiewski Przemysław (ŁUKASIEWICZ – ITME), Lin J.Y (Department of Chemical Engineering, Tatung University, Zhongshan North Road, Taipei, Taiwan)

The influence of carbon Or oxide coatings on electrochemical performance of spinel $Li_4Ti_5O_{12}$ for high-rate lithium-ion batteries
Abstract. 1 s., bibliogr.

25.

Michalska Monika (ŁUKASIEWICZ-ITME), Lin J.Y. (Department of Chemical Engineering, Tatung University, Zhongshan North Road, Taipei, Taiwan)

The influence of Ce doping on electrochemical performance of $LiMn_2O_4$
Abstract 1 s., bibliogr.

26.

Komitet Nauki o Materiałach Polskiej Akademii Nauk - Zespół Nanomateriałów, Gliwice, Polska, 2019.06.18-2019.06.18

Grabias Agnieszka (ŁUKASIEWICZ - ITME)

Zastosowanie metody spektroskopii efektu Mossbauera do badań nanomateriałów.

27.

Conference on Lasers & Electro-Optics/Europe and European Quantum Electronics Conference, Monachium, Germany, 2019.06.22-2019.06.30

Longobucco M. (ŁUKASIEWICZ - ITME) (Department of Geophysics, Faculty of Physics, University of Warsaw, Poland), Astrauskas I. (Photonics Institute, Vienna University of Technology, Vienna, Austria), Pugzlys A. (Photonics Institute, Vienna University of Technology, Vienna, Austria), Pysz Dariusz (ŁUKASIEWICZ - ITME), Uherek F. (International Laser Centre, Bratislava, Slovakia), Baltuska A. (Photonics Institute, Vienna University of Technology, Vienna, Austria), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Department of Geophysics, Faculty of Physics, University of Warsaw, Poland), Bugar Ignac (ŁUKASIEWICZ - ITME) (International Laser Centre, Bratislawa, Slovakia)

Experimental investigation of ultrafast solitonic all-optical switching in a high index contrast dual-core optical fiber.

Abstract. 1 s., il., bibliogr.

28.

9th edition of the largest European Conference & Exhibition in Graphene and 2D Materials, Rome, Italy, 2019.06.25-2019.06.28

Knyps Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME), Kowalski G. (Physics Faculty, University of Warsaw, Poland), Tokarczyk M. (Physics Faculty, University of Warsaw, Poland)

Formation of MoS_2layer underneath graphene grown on SiC(0001).

Abstract. 1 s., il., bibliogr.

29.

61 Konwersatorium Krystalograficzne, Wrocław, Polska, 2019.06.27-2019.06.28

Diduszko Ryszard (ŁUKASIEWICZ - ITME) (Sieć Badawcza Łukasiewicz - Instytut Tele- i Radiotechniczny, Warszawa), Malinowska Agnieszka (ŁUKASIEWICZ - ITME), Wierzbicka Edyta (ŁUKASIEWICZ - ITME), Michalska Monika (ŁUKASIEWICZ - ITME)

Wysokotemperaturowe pomiary dyfrakcyjne (HTXRD) polikrystalicznych próbek litych i proszkowych w kamerze kopułkowej DHS1100.

Abstrakt. 2 s., il.

30.

The 38th International Conference on Thermoelectrics/The 4th Asian Conference on Thermoelectrics, Gyeongju, South Korea, 2019.06.30-2019.07.04

Zybała Rafał (ŁUKASIEWICZ - ITME) (University Research Centre "Functional Materilas", Warsaw University of Technology, Warsaw, Poland), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Kruszewski M. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland), Mars K. (Faculty of Materials Science and Ceramics, AGH University of Science and Technology, Krakow, Poland), Ciupiński Ł. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland), Chmielewski

Marcin (ŁUKASIEWICZ - ITME), Śpiewak P. (University Research Centre "Functional Materilas", Warsaw University of Technology, Warsaw, Poland)

Optiminization of doped Mg2Si thermoelectric properties obtained by SHS method.
Abstract. 1 s. [427A]

31.

Zybała Rafał (ŁUKASIEWICZ - ITME) (University Research Center "Functional Materials", Warsaw, Poland), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Schmidt M. (University Research Center "Functional Materials", Warsaw, Poland), Zieliński Radosław (ŁUKASIEWICZ - ITME), Kruszewski M. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland), Śpiewak P. (University Research Center "Functional Materials", Warsaw, Poland), Chmielewski Marcin (ŁUKASIEWICZ - ITME), Ciupiński Ł. (Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw, Poland)

Prototypical thermoelectric generator TEG for waste heat conversion from biogas-fired burner.
Abstract. 1 s. [105B]

32.

15th European Conference on Liquid Crystals, Wrocław, Poland, 2019.06.30-2019.07.05
Mrukiewicz M. (Institute of Applied Physics, Military University of Technology, Warsaw, Poland), Kowiorski Krystian (ŁUKASIEWICZ - ITME), Perkowski P. (Institute of Applied Physics, Military University of Technology, Warsaw, Poland), Mazur R. (Institute of Applied Physics, Military University of Technology, Warsaw, Poland), Djas Małgorzata (ŁUKASIEWICZ - ITME)

Electro-optic switching in a thermotropic nematic liquid crystal doped with graphene oxide flakes.
Abstract. 1 s., bibliogr.

33.

IX Krajowa Konferencja Nanotechnologii, NANO 2019, Wrocław, Polska, 2019.07.01-2019.07.03
Kowiorski Krystian (ŁUKASIEWICZ - ITME), Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Baran Magdalena (ŁUKASIEWICZ - ITME), Romanowska Agata (ŁUKASIEWICZ - ITME), Krajewska Aleksandra (ŁUKASIEWICZ - ITME), Kędzierski J. (Wojskowa Akademia Techniczna, Warszawa), Lipińska Ludwika (ŁUKASIEWICZ - ITME)

Zastosowanie grafenu transferowanego do modyfikacji klinów interferencyjnych służących do wyznaczania parametrów optycznych ciekłych kryształów.
Abstrakt. 1 s.

34.

Ciuk Tymoteusz (ŁUKASIEWICZ - ITME), Stańczyk Beata (ŁUKASIEWICZ - ITME), Przyborowska Krystyna (ŁUKASIEWICZ - ITME), Kozłowski Andrzej (ŁUKASIEWICZ - ITME), Czołak Dariusz (ŁUKASIEWICZ - ITME), Dobrowolski Artur (ŁUKASIEWICZ - ITME) (Wydział Fizyki, Uniwersytet Warszawski, Warszawa), Jagiełło Jakub (ŁUKASIEWICZ - ITME) (Wydział Fizyki, Uniwersytet Warszawski, Warszawa), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ - ITME), Kozubal Michał (ŁUKASIEWICZ - ITME) (VIGO

System S.A., Ożarów Mazowiecki), Kozłowski Roman (ŁUKASIEWICZ - ITME), Kamiński Paweł (ŁUKASIEWICZ - ITME)

Grafenowy czujnik pola magnetycznego do zastosowań wysokotemperaturowych.
Abstrakt. 1 s., bibliogr.

35.

Przewłoka Aleksandra (ŁUKASIEWICZ - ITME), Kaszub Wawrzyniec (ŁUKASIEWICZ - ITME), Kowiorski Krystian (ŁUKASIEWICZ - ITME), Romanowska Agata (ŁUKASIEWICZ - ITME), Krajewska Aleksandra (ŁUKASIEWICZ - ITME)
Struktury hybrydowe oparte na grafenie warstwowym i zredukowanym tlenku grafenu.
Abstrakt. 1 s.

36.

International Conference. Mechanisms and Non-Linear Problems of Nucleation and Growth of Crystals and Thin Films, Saint-Petersburg, Rossia, 2019.07.01-2019.07.05
Caban Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Gaca Jarosław (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Możdżonek Małgorzata (ŁUKASIEWICZ - ITME), Teklińska Dominika (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Firek P. (Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, Warsaw, Poland), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Boron nitride epilayers grown on AlO_xN_y and Al_2O_3 buffer layer.
Absract. 1 s.

37.

21st International Conference on Transparent Optical Networks, Angers, France, 2019.07.08-2019.07.14
Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Anuszkiewicz Alicja (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Filipkowski Adam (ŁUKAASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Nguyen Hue Thi (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland; Hong Due University, Department of Physics, Thanh Hoa, Vietnam), Stefaniuk Tomasz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Michalik Damian (ŁUKASIEWICZ- ITME) (Faculty of Physics, University of Warsaw, Poland), Franczyk Marcin (ŁUKASIEWICZ - ITME), Stępień Ryszard ŁUKASIEWICZ - ITME), Pysz Dariusz (ŁUKASIEWICZ - ITME), Waddie A. (Department of Physics, School of Engineering and Physical Sciences, Heriot-Watt University, Scottish Universities Physics Alliance, Edinburgh, UK), Taghizadeh M.R. (Department of Physics, School of Engineering and Physical Sciences, Heriot-Watt University, Scottish Universities Physics Alliance, Edinburgh, UK), Kasztelanic Rafał (ŁUKASIWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland)

Progress in development of nanostructures gradient index optical fibers and microoptical components.
Abstract. 1 s.

38.

Stefaniuk Tomasz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Stępniewski Grzegorz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland), Pysz Dariusz (ŁUKASIEWICZ - ITME), Stępień Ryszard (ŁUKASIEWICZ

- ITME), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Poland)

Photonic crystal fibers dedicated to couple, guide and control higher order modes.
Abstract. 1 s.

39.

Franczyk Marcin (ŁUKASIEWICZ - ITME), Pysz Dariusz (ŁUKASIEWICZ - ITME), Anuszkiewicz Alicja (ŁUKASIEWICZ - ITME), Filipkowski Adam (ŁUKASIEWICZ - ITME), Stawicki Kamil (ŁUKASIEWICZ - ITME), Lisowska Jolanta (ŁUKASIEWICZ - ITME), Pućko Piotr (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Physics, Warsaw, Poland), Michalik Damian (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Stefaniuk Tomasz (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland), Stępień Ryszard (ŁUKASIEWICZ - ITME), Markowski K. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronic Systems, Warsaw, Poland), Jędrzejewski K. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronic Systems, Warsaw, Poland), Osuch T. (Warsaw University of Technology, Department of Electronics and Information Technology, Institute of Electronic Systems, Warsaw, Poland; National Institute of Telecommunications, Warsaw, Poland), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland)

Nanostructured core optical fibers for laser applications.
Abstract. 1 s.

40.

Innternational Conference Green Energy and Environmental Technology, Paris, France, 2019.07.24-2019.07.26

Osińska-Broniarz M. (Centralne Laboratorium Akumulatorów i Ogniw, Instytut Metali Nieżelaznych, Poznań), Martyla A. (Centralne Laboratorium Akumulatorów i Ogniw, Instytut Metali Nieżelaznych, Poznań), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME)

SnO_2/RGO composites as anode materials for lithium-ion batteries.
Abstract. 1 s.

41.

Martyla A. (ŁUKASIEWICZ Research Network - Institute for Non-ferrous Metals Division in Poznan Central Laboratory of Batteries and Cell, Poznan, Poland), Osińska-Broniarz M. (ŁUKASIEWICZ Research Network - Institute for Non-ferrous Metals Division in Poznan Central Laboratory of Batteries and Cell, Poznan, Poland), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME)

Preparation of SnO_2/RGO photoanode for dye-sensitized solar cells.
Abstract. 1 s., bibliogr.

42.

Siegman Summer School on Lasers 2019 (University of Rochester), New York, USA, 2019.07.27-2019.08.03

Michalik Damian (ŁUKASIEWICZ - ITME) (University of Warsaw, Faculty of Physics, Warsaw, Poland)

Designing of nanostructured optical fibers with various properties.

Abstract. 1 s., bibliogr.

43.

Microscopy & Microanalysis 2019, Portland, USA, 2019.08.04-2019.08.08

Jóźwik Iwona (ŁUKASIEWICZ - ITME) (National Centre for Nuclear Research, NOMATEN Centre of Excellence, Świerk-Otwock, Poland), Barcz A. (Institute of Electron Technology/Institute of Physics PAS, Warsaw, Poland), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Dąbrowska Elżbieta (ŁUKASIEWICZ - ITME)

Ion-irradiated damage in semiconductors vizualized by means of low-kV Scanning Electron Microscopy.

Abstract. 2 s. il., bibliogr.

44.

Teklińska Dominika (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ - ITME), Knyps Piotr (ŁUKASIEWICZ - ITME)

Ni(111) thin layers recrystallization studied by SEM, EBSD and AFM.

Abstract. 2 s. , il. , bibliogr

45.

62 Zjazd Naukowy Polskiego Towarzystwa Chemicznego, Warszawa, Polska, 2019.09.02-2019.09.06

Kaszyca Kamil (ŁUKASIEWICZ - ITME), Zybała R. (University Research Center "Functional Materials", Warsaw University of Technology, Warsaw, Poland)

The thermoelectric properties of novel Half-Heuslers materials.

Abstracts. s. S14-90

47.

Zybała Rafał (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, University Research Centre "Functional Materials", Warsaw, Poland), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Schmidt Maksymilian (ŁUKASIEWICZ - ITME), Kruszewski M. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland), Ciupiński Ł. (Warsaw University of Technology, University Research Centre "Functional Materials", Warsaw, Poland)

Preparation and characterization of nanostructured $(GeTe)_{75}(AgSbTe_2)_x(AgSbSe_2)_y$ thermoelectric materials.

Abstracts. s. S14-21

47.

18th Conference on Defects - Recognition, Imaging and Physics in Semiconductors, Berlin, Germany, 2019.09.08-2019.09.12

Kamiński Paweł (ŁUKASIEWICZ - ITME), Kozłowski Roman (ŁUKASIEWICZ - ITME), Ciuk Tymoteusz (ŁUKASIEWICZ - ITME)

Deep-level defects in semi-insulating silicon carbide.

Programme Abstracts. s.123-124, bibliogr.

48.

International Conference on Excited States of Transitions Elements, Kudowa-Zdrój, Poland, 2019.09.08-2019.09.13

Leśniewska-Matys Kamila (ŁUKASIEWICZ - ITME), Michalska Monika (ŁUKASIEWICZ - ITME), Kozłowska Anna (ŁUKASIEWICZ - ITME), Diduszko Ryszard (ŁUKASIEWICZ -

ITME), Malinowska Agnieszka (ŁUKASIEWICZ - ITME), Wierzbicka Edyta (ŁUKASIEWICZ - ITME)

Spectral and X-ray characterization of $LaVO_4:Dy^{3+}$ for thermal sensing applications.
Abstract. 1 s., il., bibliogr.

49.

30th Annual Conference of the European Society for Biomaterials ESB 2019/26th Annual Conference of the German Society for Biomaterials (DGBM), Dresden, Germany, 2019.09.09-2019.09.13

Jagiełło Joanna (ŁUKASIEWICZ - ITME), Gwiazda Marcin (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland), Kijeńska-Gawrońska E. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland), Lipińska Ludwika (ŁUKASIEWICZ - ITME)

Graphene oxide modified with RGD peptide.
Abstract. 3 s., il., bibliogr.

50.

DSEC VI - Directionally Solidified Eutectics Conference, Fisciano, Italy, 2019.09.10-2019.09.13

Kołodziejak Katarzyna (ŁUKASIEWICZ - ITME), Sar Jarosław (ŁUKASIEWICZ - ITME), Orliński Krzysztof (ŁUKASIEWICZ - ITME), Pawlak Dorota (ŁUKASIEWICZ - ITME)

Thin layers of eutectic composites for photoelectrochemical water splitting.

51.

Orliński Krzysztof (ŁUKASIEWICZ - ITME), Wysmułek Konrad (ŁUKASIEWICZ - ITME), Pawlak Dorota (ŁUKASIEWICZ - ITME)

Effect of annealing conditions on photoelectrochemical response and stability of $SrTiO_3$-TiO_2 photoanodes.
Book of Abstracts. s.19

52.

Orliński Krzysztof (ŁUKASIEWICZ - ITME), Pawlak Dorota (ŁUKASIEWICZ - ITME)

Research potential of MgO-$MgAl_2O_4$ eutectic - a second chance fully deserved.
Book of Abstracts. s.36, bibliogr.

53.

The 7th Shaping Conference, Aveiro, Portugalia, 2019.09.11-2019.09.13

Gołębiewski Przemysław (ŁUKASIEWICZ - ITME), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Węglarz Helena (ŁUKASIEWICZ - ITME)

Difference in microstructure of scaffolds prepared by freeze-casting method out of wafer suspensions with distinct additives.
Abstract. 1 s.

54.

2019 E-MRS Fall Meeting and Exhibit, Warszawa, Poland, 2019.09.16-2019.09.18

Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Knyps Piotr (ŁUKASIEWICZ - ITME), Czołak Dariusz (ŁUKASIEWICZ - ITME), Jóźwik Iwona (ŁUKASIEWICZ - ITME), Kiedraszuk J. (Faculty of Physics, University of Warsaw, Poland), Drabińska A. (Faculty of Physics, University of Warsaw, Poland), Wysmołek A. (Faculty of

Physics, University of Warsaw, Poland), Gaca Jarosław (ŁUKASIEWICZ - ITME), Wójcik Marek (ŁUKASIEWICZ - ITME)

InP nanowires grown on epitaxial graphene.

Abstract. 1 .

55.

Knyps Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME), Kowalski G. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Tokarczyk M. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland)

Growth of molybdenum disulfide by sulfarization process.

Abstract. 1 s.

56.

Conference of New trends in contemporary optics, Vinh, Vietnam, 2019.09.22-2019.09.29

Nguyen Thi Hue (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Switkowski K. (Faculty of Physics, Warsaw University of Technology, Warsaw, Poland), Anuszkiewicz Alicja (ŁUKASIEWICZ - ITME), Filipkowski Adam (ŁUKASIEWICZ - ITME), Pysz Dariusz (ŁUKASIEWICZ - ITME), Stępień Ryszard (ŁUKASIEWICZ - ITME), Królikowski W. (Science Program, Texas A&M University at Qatar, Doha, Qatar; Laser Physics Centre, Research School of Physics and Engineering, Australian National University, Canberra, ACT 0200, Australia), Buczyński Ryszard (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland)

Numerical and experimental study on nanostructured gradient index vortex phase mask.

Abstract. 1 s., bibliogr.

57.

The 17th European Conference on Thermoelectrics, Limassol, Cyprus, 2019.09.23-2019.09.25

Zybała R. (Warsaw University of Technology, University Research Center "Functional Materials", Poland), Kaszyca Kamil (ŁUKASIEWICZ - ITME), Schmidt Maksymilian (ŁUKASIEWICZ - ITME), Kruszewski M. (Warsaw University of Technology, Poland), Ciupiński Ł. (Warsaw University of Technology, Poland)

Preparation and characterization of nanostructured $(GeTe)_{75}(AgSbTe_2)_x(AgSbSe_2)y$ thermoelectric materials.

Abstracts. 289 s. (1 s.)

58.

Graphene Week 2019, Helsinki, Finland, 2019.09.23-2019.09.27

Gwiazda Marcin (ŁUKASIEWICZ - ITME) (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland), Jagiełło Joanna (ŁUKASIEWICZ - ITME), Kijeńska-Gawrońska Ewa (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland), Lipińska Ludwika (ŁUKASIEWICZ - ITME), Święszkowski W. (Warsaw University of Technology, Faculty of Materials Science and Engineering, Warsaw, Poland)

Biofunctionalization of the graphene oxide flakes with Collagen I for the application in the myocardial tissue regeneration.

Abstract. 1 s., il., bibliogr.

59.

Graphene Week 2019, Helsinki, Finland, 2019.09.23-2019.09.27

Knyps Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME), Kowalski G. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Tokarczyk M. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland)

Intercalation of MoS_2 monolayers between graphene and SiC(0001).

Abstract. 1 s., il., bibliogr.

60

Knyps Piotr (ŁUKASIEWICZ - ITME), Michałowski Paweł (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME), Kowalski G. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland), Tokarczyk M. (Institute of Experimental Physics, Faculty of Physics, University of Warsaw, Poland)

Towards large area MoS_2 epitaxy - role of substrates.

Abstract. 1 s., il., bibliogr.

61.

28th Annual Conference of the Polish Society for Biomaterials "Biomaterials in Medicine and Veterinary Medicine", Rytro, Poland, 2019.10.10-2019.10.13

Jagiełło Joanna (ŁUKASIEWICZ - ITME), Gwiazda Marcin (ŁUKASIEWICZ - ITME) (Faculty of Material Science and Engineering, Warsaw University, Poland), Kijeńska-Gawrońska E. (Faculty of Material Science and Engineering, Warsaw University, Poland), Baran Magdalena (ŁUKASIEWICZ - ITME), Święszkowski W. (Faculty of Material Science and Engineering, Warsaw University, Poland), Lipińska Ludwika (ŁUKASIEWICZ - ITME)

Graphene oxide modified with Collagen I for myocardial tissue regeneration.

Abstract. 1 s., il., bibliogr.

62.

22nd International Conference on Secondary Ion Mass Spectrometry, Kyoto, Japan, 2019.10.20-2019.10.25

Michałowski Paweł (ŁUKASIEWICZ - ITME), Grzanka E. (Institute of High Pressure Physics, Polish Academy of Sciences, Warsaw, Poland), Grzanka S. (Institute of High Pressure Physics, Polish Academy of Sciences, Warsaw, Poland), Staszczak G. (Institute of High Pressure Physics, Polish Academy of Sciences, Warsaw, Poland), Czarnecki R. (Institute of High Pressure Physics, Polish Academy of Sciences, Warsaw, Poland), Leszczyński M. (Institute of High Pressure Physics, Polish Academy of Sciences, Warsaw, Poland)

Indium concentration fluctuations in InGaN quantum wells.

Abstracts. 1 s., il.

63.

Michałowski Paweł (ŁUKASIEWICZ - ITME), Knyps Piotr (ŁUKASIEWICZ - ITME), Ciepielewski Paweł (ŁUKASIEWICZ - ITME), Caban Piotr (ŁUKASIEWICZ - ITME), Dumiszewska Ewa (ŁUKASIEWICZ - ITME), Kowalski G. (Faculty of Physics, University of

Warsaw, Poland), Tokarczyk M. (ŁUKASIEWICZ - ITME), Baranowski Jacek (ŁUKASIEWICZ - ITME)

Influence of a substrate on a growth process of 2D molybdenum disulfide layers determined by secondary ion mass spectrometry.
Abstract. 1 s., il., bibliogr.

64.

Spotkanie Użytkowników Firmy Bruker, Poznań, Polska, 2019.10.22-2019.10.23
Możdżonek Małgorzata (ŁUKASIEWICZ - ITME)
Zastosowanie spektroskopii FTIR w badanich cienkich warstw wytwarzanych dla elektroniki 2D.
Abstrackt. 1-3 s. , il., bibliogr.

65.

II Ogólnopolskie Seminarium Spark Plasma Sintering, Warszawa, Polska, 2019.10.24-2019.10.24
Strojny-Nędza Agata (ŁUKASIEWICZ - ITME)

Stale ferrytyczne typu ODS otrzymywane techniką SPS.
Abstrakt. 1 s.

66.

Seminarium naukowe - SEEMAG 2019, Białysok, Polska, 2019.10.28-2019.10.30
Grabias Agnieszka (ŁUKASIEWICZ - ITME)

Zastosowanie spektroskopii efektu Mössbauera do badań nanomateriałów na podstawie materiałów nanokrystalicznych typu $Fe_{80-x-y}Co_xNiyCu_1Nb_3Si_4B_{12}$ oraz $Fe_{84,5-x}Co_xNb_{8,5}P_2$.

67.

XII Konferencja Naukowo-Techniczna Systemy Rozpoznania i Walki Radioelektronicznej, Ołtarzew, Polska, 2018.11.19-2018.11.21
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Telecomunications, Warsaw, Poland), Pysz Dariusz (ŁUKASIEWICZ - ITME), Michalik Damian (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Hue Thi Nguyen (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Stefaniuk Tomasz (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland), Kasztelanic Rafał (ŁUKASIEWICZ - ITME) (Faculty of Physics, University of Warsaw, Warsaw, Poland)

Optical properties of nanostructured core silica fibers with Bragg gratings.

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