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Cathodoluminescence microanalysis of porous GaP and InP structures

Tighineanu Ion¹², Langa Sergiu¹², Sîrbu Lilian¹², Monaico Eduard¹², Stevens-Kalceff Marion A.³, Foll Helmut⁴

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

² Technical University of Moldova,

⁴ Christian-Albrechts University of Kiel

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Photoluminescence and resonant Raman scattering in highly conductive ZnO layers

Zalamai Victor¹, Ursachi Veaceslav¹, Rusu Emil¹, Arabadji P¹, Tighineanu Ion², Sîrbu Lilian²

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

² Technical University of Moldova

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Self-organized growth of single crystals of nanopores

Langa Sergiu¹², Tighineanu Ion³, Carstensen Juergen¹, Christophersen Marc¹, Foll Helmut¹

¹ Christian-Albrechts University of Kiel,

² Technical University of Moldova,

³ Institute of Applied Physics, Academy of Sciences of Moldova

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Photoluminescence and Raman scattering in In_{0.53}Ga_{0.47}As/InP:Dy

Podor Balint¹, Vignaud Dominique², Tighineanu Ion³, Csontos L.¹, Ursachi Veaceslav³, Şontea Victor⁴

³ Institute of Applied Physics, Academy of Sciences of Moldova,

⁴ Technical University of Moldova

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Porous InP as piezoelectric component in magnetoelectric composite sensors

Gerngross Mark Daniel¹, Sprincean Veaceslav², Leisner Malte¹, Carstensen Juergen¹, Foil H.¹, Tighineanu Ion²

² Institute of Electronic Engineering and Industrial Technologies, Academy of Sciences of Moldova

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Fröhlich modes in porous III-V semiconductors

Sarua Andrei¹, Monecke Jochen¹, Irmer Gert², Tighineanu Ion³⁴, Gartner Gunter⁵, Hartnagel Hans Ludwig⁶

¹ Technical University Bergakademie Freiberg,

⁴ Institute of Applied Physics, Academy of Sciences of Moldova,

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Two-dimensional dielectric and metallo-dielectric periodic photonic structures

Tighineanu Ion¹², Monaico Eduard¹², Sergentu Vladimir¹², Ursachi Veaceslav¹², Autor Nou

¹ Technical University of Moldova,

² Institute of Applied Physics, Academy of Sciences of Moldova

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Gold electroplating as a tool for assessing the conductivity of InP nanostructures fabricated by anodic etching of crystalline substrates

Monaico Eduard¹, Tighineanu Ion¹², Ursachi Veaceslav², Nielsch Kornelius³, Balan Dan⁴, Prodana Mariana⁴, Enăchescu Marius⁴

¹ Technical University of Moldova,

² Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu" of the Academy of Sciences of Moldova,

⁴ University Politehnica of Bucharest

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Correlation between chemical composition of transitional layer and electra-physical properties of Me-n-InP Schottky barriers

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Technical University of Moldova

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Properties of 2D and 3D dielectric structures fabricated by electrochemical dissolution of III-V compounds

Tighineanu Ion¹, Langa Sergiu¹, Christophersen Marc¹, Carstensen Juergen¹, Sergentu Vladimir², Foca Eugen², Autor Nou¹, Foll Helmut¹

¹ Technical University of Moldova,

² Christian-Albrechts University of Kiel

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Heterojunction with ZnO polycrystalline thin films for optoelectronic devices applications

Purica Munizer¹, Budianu Elena¹, Rusu Emil²

¹ National Institute for Research and Development in Microtechnology, IMT-Bucharest,

² Institute of Applied Physics, Academy of Sciences of Moldova

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Rusu Emil, Budianu Elena, Nan Stelian, Purica Munizer

Institute of Applied Physics, Academy of Sciences of Moldova

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A comparison of pores in silicon and pores in III-V compound materials

Christophersen Marc¹, Langa Sergiu¹², Carstensen Juergen¹, Tighineanu Ion², Foll Helmut¹

² Technical University of Moldova

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Voltage oscillations - An emergent property at high density pore growth

Langa Sergiu¹², Carstensen Juergen¹, Christophersen Marc¹, Tighineanu Ion², Foll Helmut¹

² Technical University of Moldova

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Single crystalline 2D porous arrays obtained by self organization in n-InP

Langa Sergiu¹², Christophersen Marc¹, Carstensen Juergen¹, Tighineanu Ion², Foll Helmut¹

² Technical University of Moldova

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Environmentally friendly approach for nonlithographic nanostructuring of materials

Tighineanu Ion¹, Monaico Eduard¹, Albu Sergiu¹, Ursachi Veaceslav²

¹ Technical University of Moldova,

² Institute of Applied Physics, Academy of Sciences of Moldova

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InGaAsP/InP laser diodes emitting at 1300 nm for optical communications

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Photodetector with controlled photosensitivity in 1.1-1.6 μm spectral range

Snigur Anatolii, Brînzari Vladimir, Dorogan Valerian, Korotcenkov Ghenadie, Savastru Roxana

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IR photocathodes for streak image tubes based on semiconductor heterostructures and superlattices

Chernikov A.¹, Nolle Edouard¹, Prokhorov Alexander M.¹, Russu Emil², Schelev Mikhail¹, Sokol E.¹

¹ Prokhorov General Physics Institute RAS,

² Institute of Applied Physics, Academy of Sciences of Moldova

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Dosimetric characteristics of the indium phosphide based photoconvertors

Andronic Ion, Simașchevici Alexei, Potlog Tamara, Șerban Dormidont, Chetruș Petru

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