

Dmitriev Serghei

Articole în reviste din RM - 11. Publicații peste hotare - 4.
Publicații indexate în SCOPUS - 4. Teze/Rezumate în culegeri - 2.

2011 - 2

A multifunctional probe station for in situ modification and study of quasi 1-d nanostructures in wide temperature and pressure ranges

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² University of Illinois

Moldavian Journal of the Physical Sciences

Nr. 3-4(10) / 2011 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 30 November, 2013. Descarcări-4. Vizualizări-908

Conductivity in In 2O 3 nanoscale film under UV irradiation and gas exposure conditions

Brynzari Vladimir¹, Ivanov Michail¹, Dmitriev Serghei¹, Damaskin Ion²

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Journal of Nanoelectronics and Optoelectronics

Vol. 6, / 2011 / ISSN 1555-130X

Disponibil online 25 August, 2023. Descarcări-0. Vizualizări-176

2010 - 2

Cu, Fe, Co, OR Ni-doped tin dioxide nanoscale films deposited by spray pyrolysis: additive influence on structure and thermal stability of films

Brinzari V.¹, Damaskin Ion¹, Dmitriev Serghei², Cho Beong³, Korotchenkov Ghenadii³

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Materials Science and Condensed Matter Physics

Nr. 16(29) / 2012 / ISSN 1857-0054

Disponibil online 14 April, 2021. Descarcări-0. Vizualizări-625

NNN 18 P Copper phthalocyanine web-like nanostructure based chemical sensors

Dmitriev Serghei¹, Strelkov Eugene², Button Bradley², Kolmakov Andrew²

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Materials Science and Condensed Matter Physics

Nr. 16(29) / 2012 / ISSN 1857-0054

Disponibil online 21 April, 2021. Descarcări-1. Vizualizări-399

2009 - 2

Metal oxide based nanostructure engineering: electrical and gas sensitive properties of structurally modified SnO₂ nanowires

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Nr. 3-4(8) / 2009 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 14 December, 2013. Descarcări-1. Vizualizări-934

Nanodimensional chalcogenide film-metal structure: Numerical modeling of the gas sensitive properties

Dmitriev Serghei, Nika Denis, Pokatilov Evghenii

Moldova State University

Journal of Nanoelectronics and Optoelectronics

Vol. 4, / 2009 / ISSN 1555-130X

Disponibil online 24 August, 2023. Descarcări-0. Vizualizări-176

2008 - 2

Low-energy ion-beam bombardment for metal oxide nanowire surface cleaning and modification

Dmitriev Serghei

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Nr. 4(7) / 2008 / ISSN 1810-648X / ISSN_e 2537-6365

Disponibil online 14 December, 2013. Descarcări-4. Vizualizări-862

The electrical transport mechanism in the (nCdS-pAs₂Se₃) heterojunctions

Goglidze Tatiana, Dementiev Igor, Dmitriev Serghei, Nasedchina Nadejda, Matskova T.

Moldova State University

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Disponibil online 14 December, 2013. Descarcări-1. Vizualizări-987

2007 - 3

Properties of diode-like membranes produced by plasma modification

Kravets Liubov¹, Dmitriev Serghei¹, Drachev A.², Gilman A.³, Demidova E.², Dinescu G.²

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Disponibil online 3 December, 2013. Descarcări-1. Vizualizări-1033

Use of track membranes as templates for synthesis of nanomaterials based on polymeric compositions

Kravets Liubov¹, Dmitriev Serghei¹, Palistrant Natalia², Bivol Valeriu², Robu Sergiu², Barbu N²

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Disponibil online 19 November, 2013. Descarcări-3. Vizualizări-1232

Газочувствительные свойства структуры слоев халькогенидного стекла - Металл

Покатилов Евгений, Ника Денис, Зинченко Надежда, Аскеров Артур, Дементьев Игорь, Дмитриев Сергей, Гоглидзе Татьяна

Молдавский Государственный Университет

Studia Universitatis Moldaviae (Seria Științe Reale și ale Naturii)

Nr. 7 / 2007 / ISSN 1814-3237 / ISSNe 1857-498X

Disponibil online 14 December, 2013. Descarcări-1. Vizualizări-1172

2005 - 4

Modeling of temperature regimes of thin film gas sensitive devices

Dmitriev Serghei

Moldova State University

Moldavian Journal of the Physical Sciences

Nr. 1(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 14 December, 2013. Descarcări-1. Vizualizări-705

Plasma treatment and surface sensibilization of tin dioxide films for enhancement of gas sensitivity

Brynzari Vladimir¹, Dmitriev Serghei², Korotchenkov Ghenadii¹

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Disponibil online 16 December, 2013. Descarcări-4. Vizualizări-869

SnO₂ thin film parameter influence on gas sensitive characteristics

Dmitriev Serghei¹, Brynzari Vladimir², Korotchenkov Ghenadii²

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Tin dioxide based thin film gas sensor of hydrogen

Dmitriev Serghei

Moldova State University

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Disponibil online 14 December, 2013. Descarcări-2. Vizualizări-709

1999 - 1

SnO₂ films for thin film gas sensor design

Korotchenkov Ghenadii, Brynzari Vladimir, Dmitriev Serghei

Technical University of Moldova

Materials Science and Engineering B: Solid-State Materials for Advanced Technology

Vol. 63, / 1999 / ISSN 0921-5107

Disponibil online 20 June, 2023. Descarcări-0. Vizualizări-131

1998 - 1

Kinetic characteristics of SnO₂ thin film gas sensors for environmental monitoring

Korotchenkov Ghenadii, Brynzari Vladimir, Dmitriev Serghei

Technical University of Moldova

Proceedings of SPIE - The International Society for Optical Engineering

Vol. 9, / 2017 / ISSN - / ISSNe 1944-8244

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