

Articole în reviste din RM - [1](#). Publicații la conferințe din RM - [5](#). Publicații peste hotare - [4](#).
Publicații indexate în SCOPUS - [4](#). Teze/Rezumate în culegeri - [4](#).

2024 - 1

Base elements for superconducting artificial neural network

Sidorenko Anatolie, Boian Vladimir, Lupu Maria, Prepelitsa Andrei

Ghitu Institute of Electronic Engineering and Nanotechnologies, TUM

NANO- 2024: “Quo Vadis - Ethics of the Scientific Research”

Nr. 6(162) / 2017 / ISSN 0304-8608

Disponibil online 14 May, 2024. Descarcări-0. Vizualizări-17

2023 - 4

Determination of the critical thickness of Nb superconducting layers coupled proximity with Co

Boian Vladimir

Ghitu Institute of Electronic Engineering and Nanotechnologies, TUM

Electronics, Communications and Computing IC ECCO 2022

Nr. 1(15) / 2016 / ISSN 1857-405X

Disponibil online 4 April, 2023. Descarcări-0. Vizualizări-218

Determination of the critical thickness of Nb superconducting layers coupled proximity with Co

Boian Vladimir

Ghitu Institute of Electronic Engineering and Nanotechnologies, TUM

Electronics, Communications and Computing

Nr. 2(96) / 2016 / ISSN 1810-9136

Disponibil online 31 March, 2023. Descarcări-5. Vizualizări-236

Efectul de proximitate în microelectronica supraconductoare

Boian Vladimir

Institutul de Inginerie Electronica și Nanotehnologii “D. Ghițu”, UTM

Conferința tehnico-științifică a studenților, masteranzilor și doctoranzilor

Nr. 5(45) / 2009 / ISSN 0013-5739 / ISSN 2345-1718

Disponibil online 27 September, 2023. Descarcări-4. Vizualizări-127

Spintronic Functional Nanostructures for Artificial Neural Network

Lupu Maria¹, Klenov Nikolai V.², Soloviev Igor I.², Bakurskiy Sergey V.², Boian Vladimir¹, Malcoci Cezar Casian¹, Prepelitsa Andrei¹, Antropov Evgheni¹, Morari Roman¹, Sidorenko Anatolie¹²

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Electronics, Communications and Computing

Nr. 2(96) / 2016 / ISSN 1810-9136

2022 - 1

In memoriam of professor Teodor Munteanu

Boian Vladimir

Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu"

Moldavian Journal of the Physical Sciences

Nr. 1(21) / 2022 / ISSN 1810-648X / ISSN 2537-6365

Disponibil online 22 December, 2022. Descarcări-1. Vizualizări-224

2021 - 4

Hybrid nanostructures superconductor-ferromagnet for superconducting spintronics

Sidorenko Anatolie¹, Morari Roman¹, Boian Vladimir¹, Prepelitsa Andrei¹, Antropov Evgheni¹, Savva Yury², Fedotov A.³⁴, Sevryukhina O.³⁴, Vakhrushev A.³⁴

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Journal of Physics: Conference Series

Nr. 4 / 2010 / ISSN 1811-5470

Disponibil online 5 April, 2021. Descarcări-1. Vizualizări-406

In situ transport characterization of magnetic states in Nb/Co superconductor/ferromagnet heterostructures

Kapran Olena¹, Morari Roman²³, Golod Taras¹, Borodianskyi Ievgenii¹, Boian Vladimir², Prepelitsa Andrei², Klenov Nikolai V.⁴⁵, Sidorenko Anatolie²³, Krasnov Vladimir¹⁶

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Disponibil online 4 October, 2021. Descarcări-0. Vizualizări-363

Nanostructures Superconductor/Ferromagnet for Superconducting Spintronics

Sidorenko Anatolie¹², Morari Roman¹³, Boian Vladimir¹, Antropov Evgheni¹, Prepelitsa Andrei¹, Savva Iurie³, Klenov Nikolai V.⁴, Soloviev Igor I.⁴, Vakhrushev Alexander³, Vakhrushev Alexander⁵

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⁴ Lomonosov Moscow State University,

⁵ Ижевский государственный технический университет

The 12th international conference on intrinsic Josephson effect and horizons of superconducting spintronics

Nr. 1(17) / 2008 / ISSN 1857-0240 / ISSN_e 2537-6330

Disponibil online 18 March, 2022. Descarcări-3. Vizualizări-408

Pregătirea și investigarea Joncțiunii JOSEPHSON Nb/NiPt/Nb

Boian Vladimir

Institutul de Inginerie Electronică și Nanotehnologii "D. Ghițu"

The 12th international conference on intrinsic Josephson effect and horizons of superconducting spintronics

Nr. 1(17) / 2008 / ISSN 1857-0240 / ISSN_e 2537-6330

Disponibil online 18 March, 2022. Descarcări-1. Vizualizări-255

2020 - 2

Modelarea proceselor de formare a valvei de spin supraconductoare bazate pe nanostructuri multistrat „supraconductor - feroma

Boian Vladimir

Universitatea de Stat „Dimitrie Cantemir”

Tendințe contemporane ale dezvoltării științei: viziuni ale tinerilor cercetători

Nr. 1 / 2006 / ISSN 1810-7141

Disponibil online 30 October, 2020. Descarcări-2. Vizualizări-396

Molecular dynamics modeling of the influence forming process parameters on the structure and morphology of a superconducting spin valve

Vakhrushev Alexander¹²³, Fedotov A.¹²³, Boian Vladimir³⁴, Morari Roman⁴⁵, Sidorenko Anatolie³⁴⁶

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Disponibil online 18 January, 2021. Descarcări-0. Vizualizări-486

2019 - 1

Periodic Co/Nb pseudo spin valve for cryogenic memory

Klenov Nikolai V.¹²³, Khaydukov Yu N.¹⁴⁵, Bakurskiy Sergey V.¹², Morari Roman⁶, Soloviev Igor I.¹², Boian Vladimir⁶, Keller Thomas⁴⁵, Kupriyanov Mihail¹²⁷, Sidorenko Anatolie⁶, Keimer Bernhard⁴

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2012 - 1

Studierea experimentală a mișcării corpului aruncat sub un unghi față de orizont

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