

Afisarea articolelor 1-20(43) pentru cuvîntul-cheie "Magnetoresistance"

Pressure-dependent thermopower of individual Bi nanowires

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Applied Physics Letters

/ 2005 / ISSN 0003-6951 /ISSNe 1077-3118

Disponibil online 16 June, 2023. Descarcări-0. Vizualizări-188

Confinement effects and surface-induced charge carriers in Bi quantum wires

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Applied Physics Letters

/ 2004 / ISSN 0003-6951 /ISSNe 1077-3118

Disponibil online 15 June, 2023. Descarcări-0. Vizualizări-158

Doping of interfaces in (La_{0.7}Sr_{0.3}MnO₃)_{1-x}(MgO)_x composite films

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Applied Physics Letters

/ 2002 / ISSN 0003-6951 /ISSNe 1077-3118

Disponibil online 16 June, 2023. Descarcări-0. Vizualizări-210

Preparation of rare-earth manganite-oxide thin films by metalorganic aerosol deposition technique

Moșneaga Vasile¹, Khoroshun I.¹, Sidorenko Anatolie¹, Petrenko Piotr¹, Weidinger A.², Zeitler Michael², Rauschenbach Bernd², Tidecks Reinhard², Samwer Konrad H.²

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Applied Physics Letters

/ 1999 / ISSN 0003-6951 /ISSNe 1077-3118

Disponibil online 15 June, 2023. Descarcări-0. Vizualizări-206

Quantum oscillations in nanowires of topological insulator Bi_{0.83}Sb_{0.17}

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Applied Surface Science

/ 2020 / ISSN 0169-4332

Disponibil online 2 June, 2020. Descarcări-0. Vizualizări-827

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

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/ 2020 / ISSN 2190-4286

Disponibil online 18 January, 2021. Descarcări-0. Vizualizări-490

Quantum interference of surface states in nanowires of topological insulator Bi_{0.83}Sb_{0.17}

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Giant magnetoresistance and magnetothermopower in single-crystal Bi_{1-x}Sb_x wires

Nikolaeva Albina, Bodiul Pavel, Konopko Leonid, Moloșnic Eugeniu, Popov Ivan

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Effect of a strain on the magnetotransport properties of Bi wires

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Peculiarities of galvanomagnetic effects in ternary magnetic CuO₂x₄ single crystals near magnetic phase transition

Țurcan Vladimir, Rădăuțanu Sergiu

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Reentrant superconductivity and superconducting critical temperature oscillations in F/S/F trilayers of Cu₄₁Ni₅₉/Nb/Cu₄₁Ni₅₉ grown on cobalt oxide

Zdravkov Vladimir¹², Kehrlé Jan Michael¹, Lenk Daniel¹, Obermeier Guenter¹, Ullrich Aladin¹, Müller Claus¹, Krug Von Nidda Hans Albrecht¹, Morari Roman², Sidorenko Anatolie², Tagirov Lenar¹³, Hörn Siegfried¹, Tidecks Reinhard¹

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/ 2013 / ISSN 0021-8979 /ISSNe 1089-7550

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Role of boundary roughness in the electronic transport of Bi nanowires

Huber Tito¹, Nikolaeva Albina²³, Ghițu Dumitru², Konopko Leonid²³, Graf Michael J.⁴

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Journal of Applied Physics

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Disponibil online 6 November, 2023. Descarcări-1. Vizualizări-141

Transport and magnetic properties of Fe₃Si epitaxial films

Vinzelberg Hartmut¹, Schumann Joachim², Elefant Dieter¹, Arușanov Ernest²³, Schmidt Oliver²

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/ 2008 / ISSN 0021-8979 /ISSNe 1089-7550

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Hopping conductivity in Cr-doped β -FeSi₂ single crystals

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High-field hopping magnetotransport in kesterites

Lahderanta Erkki¹, Lisunov Constantin¹², Shakhov Mihail¹³, Guc Maxim¹², Hajdeu-Chicaros Elena¹², Levenco Sergiu²⁴, Zakharchuk Ivan A.¹, Arușanov Ernest²

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Magnetoresistance of (Zn_{1-x}Mnx)As₂ in region of hopping conductivity

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Anomalous electronic, phonon, and spin excitations in the chalcogenide spinel FeCr₂S₄

Choi Kwang Yong¹, Lemmens Peter², Scheib Patric², Gnezdilov Vladimir³, Pashkevich Yurii⁴, Hemberger Joachim⁵, Loidl Alois⁵, Turcan Vladimir^{5,6}

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Positive thermopower of single bismuth nanowires

Grozav Anatol, Condrea Elena

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Very large transverse magnetoresistance effect in glass-coated bismuth wires with micron and submicron diameters

Grozav Anatol

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Quantum Oscillations in Topological Insulator Bi₂Te₂Se Microwires Contacted with Superconducting In₂Bi Leads

Konopko Leonid¹, Nikolaeva Albina¹, Huber Tito²

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Reentrance phenomenon in superconductor/ferromagnet nanostructures and their application in superconducting spin valves for superconducting electronics

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Electron transport, transverse and longitudinal magnetoresistance, and Shubnikov-de Haas oscillations in Bi_{0.83}Sb_{0.17} topological insulator semiconductor wires

Nikolaeva Albina¹, Huber Tito², Konopko Leonid¹, Popov Ivan¹, Para Gheorghe¹

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Anisotropy and size effects in Bi1-xSbx semiconductor wires in a magnetic field

Nikolaeva Albina¹, Konopko Leonid¹, Huber Tito², Popov Ivan¹, Bodiul Pavel¹, Para Gheorghe¹

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Normalized representation of spin valve resistance value by the hyperbolic metric

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Magnetoresistance of rolled-up Fe 3Si nanomembranes

Schumann Joachim¹, Lisunov Constantin², Escoffier Walter³, Raquet Bertrand³, Broto Jean-Mark³, Aruşanov Ernest², Monch Ingolf J.⁴, Makarov Denys⁴, Deneke Christoph F.⁴⁵, Schmidt Oliver⁴⁶

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Konopko Leonid¹, Nikolaeva Albina¹, Huber Tito², Rogacki Krzysztof³

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InSb:Mn - A high temperature ferromagnetic semiconductor

Lahderanta Erkki¹, Lashkul Alexander V.¹, Kociura Alexey¹², Lisunov Constantin¹³, Aronzon Boris¹⁴, Shakhov Mihail¹⁵

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Longitudinal magnetoresistance in single crystal wires of pure and doped bismuth in wide range of diameters

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Multiphonon emission process on DX-like centers in indium doped Pb 0.75Sn0.25Te

Romcevic Nebojsa Z.¹, Hohlov Dumitru², Stojanovic Dusanka¹, Romcevic Maja J.³, Nicorici Andrei⁴

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Effect of charge ordering on crossplane thermal conductivity in correlated perovskite oxide superlattices

Thiessen P¹², Roddatis Vladimir³, Rieger Felix², Belenciuc Alexandr⁴, Keuncke M.², Moșneaga Vasile³, Jooss Ch H.³

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Intrinsic antiferromagnetic coupling underlies colossal magnetoresistance effect: Role of correlated polarons

Moșneaga Vasile¹, Belenciuc Alexandr², Huhn Sebastian¹, Kalkert Christin¹, Jungbauer Markus¹, Lebedev Oleg³, Merten Sebastian¹, Choi Kwang Yong⁴⁵, Lemmens Peter⁵, Damaschke Bernd¹, Samwer Konrad H.¹

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Electrical nonlinearity in colossal magnetoresistance manganite films: Relevance of correlated polarons

Moșneaga Vasile¹, Gehrke Kai¹, Lebedev Oleg², Sudheendra L³, Belenciuc Alexandr⁴, Raabe Stephanie⁵, Șapoval Oleg⁴, Verbeeck Johann², VanTendeloo G², Samwer Konrad H.³

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/ 2009 / ISSN 1098-0121 /ISSNe 1550-235X

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Structural phase transitions and stress accommodation in (formula presented) composite films

Lebedev Oleg¹, Verbeeck Johann¹, VanTendeloo G¹, Șapoval Oleg², Belenciuc Alexandr², Moșneaga Vasile³, Damaschke Bernd³, Samwer Konrad H.³

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Magnetoresistance peculiarities of bismuth wires in high magnetic field

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Konopko Leonid¹², Nikolaeva Albina¹², Huber Tito³

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Surface states and size effects in semiconductor wires of Bi_{1-x}Sb_x topological insulators

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Influence of the magnetic field on the conductivity within the Coulomb gap of n-ZnSe single crystals doped with Ag

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High-field magnetotransport in Cu₂ZnGeS₄ single crystals

Hajdeu-Chicaros Elena¹², Lahderanta Erkki¹, Guc Maxim¹³, Lisunov Constantin¹³, Shakhov Mihail¹⁴, Zakharchuk Ivan A.¹, Levenco Sergiu⁵, Aruşanov Ernest³

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Anomalous magnetoresistance of (Zn_{1-x}Mnx)₃As₂ in the region of hopping conductivity

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/ 1995 / ISSN 0038-1098 /ISSNe 1879-2766

Disponibil online 9 November, 2023. Descarcări-0. Vizualizări-124

Magnetotransport of Cu₂ZnSnS₄ single crystals in two regimes of variable-range hopping conduction

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Влияние атомов марганца на магнитные свойства кремния

Sattarov O.¹, Mavleanov A.², An A.¹

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4(58) / 2022 / ISSN 0013-5739 /ISSNe 2345-1718

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Функциональные возможности кремния с нанокластерами атомов марганца

Bahadirhanov M., Isamov S., Zicrillaeve N., Iliev Kh., Mavlonov G., Kojevnikov S., Ibodullaev Ş.

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2(56) / 2020 / ISSN 0013-5739 /ISSNe 2345-1718

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