

Afisarea articolelor 1-20(20) pentru cuvîntul-cheie "Solar cells"

The characterization of the CdS-based solar cell heterojunctions

Potlog Tamara, Botnariuc Vasile, Gorceac Leonid, Spalatu Nicolae, Maticiuc Natalia, Raevschi Simion

Moldova State University

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Pore etching in III-V and II-VI semiconductor compounds in neutral electrolyte

Tighineanu Ion¹²³, Ursachi Veaceslav¹, Monaico Eduard², Foca Eugen⁴³, 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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Energy-effective electrical converters of solar energy based on semiconductor nanomaterials and their use in lighting systems of premises

Tîrșu Mihai¹, Berzan Vladimir¹, Bogdan Olexandr², Orlov Anatolii²

¹ Institute of Power Engineering of ASM,

² National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

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Electrical and photoelectrical properties of heterojunctions on the base of Cu(InGa)Se₂

Chetruș Petru, Gașin Petru, Nicorici Valentina, Suman Victor

Moldova State University

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Deposition of heterostructures based on CIGSE and CdS by electron-beam ablation

Andrieș Andrei¹, Verlan Victor¹, Malahov Ludmila²

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

² Institute of Mathematics and Computer Science ASM

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Nondestructive Raman Scattering Assessment of Solution-Processed ZnO-Doped Layers for Photovoltaic Applications

Guc Maxim¹², Tsin Fabien³⁴, Rousset Jean³, Romanyuk Yaroslav E.⁵, Izquierdo-Roca Victor¹, Perez-Rodriguez Alejandro¹⁶

² Institute of Applied Physics, Academy of Sciences of Moldova,

⁴ EDF Lab Chatou, Chatou,

⁵ Empa - Swiss Federal Laboratories for Materials Science and Technology, Dübendorf,

⁶ University of Barcelona

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Preparation of CIGS solar cell components by improved e-beam ablation technology and control of their final parameters

Andrieș Andrei¹, Verlan Victor¹, Malahov Ludmila²

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

² Institute of Mathematics and Computer Science ASM

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Synthesis and electrophysical properties of CdS/ZnTe heterojunctions

Lungu Ion¹, Gagara Ludmila¹, Potlog Tamara¹, Ghimpu Lidia²

¹ Moldova State University,

² Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu"

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Silicon carbide nanolayers as a solar cell constituent

Zakhvalinskii Vasili¹, Piliuk E.¹, Goncharov I.¹, Simașchevici Alexei², Șerban Dormidont², Bruc Leonid², Curmei Nicolai², Rusu Marin²³

¹ Belgorod State National Research University, Belgorod,

² Institute of Applied Physics, Academy of Sciences of Moldova,

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Synthesis and properties of a meso- tris-ferrocene appended zinc(ii) porphyrin and a critical evaluation of its dye sensitised solar cell (DSSC) performance

Sîrbu Dumitru¹, Turtă Constantin², Benniston Andrew C.², Abou-Chahine Fawzi³, Lemmetyinen Helge J.³, Tkachenko Nikolai V.³, Wood Christopher J.⁴, Gibson Elizabeth⁴

¹ Institute of Chemistry of the Academy of Sciences of Moldova,

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Synthesis of nanofibrous ZnO by magnetron sputtering and its integration in dye-sensitized solar cells

Ghimpu Lidia¹, Pauporte Thierry², Guerin Victoire Marie², Lupan Oleg²³, Tighineanu Ion¹

¹ Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu",

³ Technical University of Moldova

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Solution-processed photodetectors

Mostaque Shaikh Khaleel¹, Kuddus Abdul¹, Rahman Md. Ferdous², Korotcenkov Ghenadie³, Hossain Jaker¹

² Begum Rokeya University, Rangpur,

³ Technical University of Moldova

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Photodetectors based on II-VI multicomponent alloys

Korotcenkov Ghenadie¹, Semikina Tetyana²

¹ Moldova State University,

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Applications of chalcogenides as hole transport layers and dopants in perovskite solar cells

Popa Mihail

"Alecu Russo" State University of Balti

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Popa Mihail

"Alecu Russo" State University of Balti

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Structural and surface studies of the cdse thin films deposited by close space sublimation method

Duca Dumitru¹, Potlog Tamara¹, Dobromir Marius², Nica Valentin²

¹ Moldova State University,

² Alexandru Ioan Cuza University of Iași

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